



## **Forensic Biology Test No. 15-572 Summary Report**

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This proficiency test was sent to 774 participants. Each participant received a sample pack consisting of two known bloodstains and two questioned stains which they were requested to analyze using their existing protocols. Data were returned from 672 participants (87% 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, tan patterned material (Item 3) and one on clean, turquoise and white patterned material (Item 4). Participants were requested to analyze these items using their existing protocols.

**SAMPLE PREPARATION:** The stains in Items 1 - 4 were prepared from human whole blood which was drawn into citric acid preservative bloodbank bags. Item 1 (75  $\mu$ l) was created using blood collected from a male donor, Item 2 (75  $\mu$ l) was created using blood collected from a different male donor and Item 4 (50  $\mu$ l) was created using blood collected from a female donor. The Item 3 (50  $\mu$ l) stain contained a 1:1 ratio of blood from the Item 1 and Item 2 male donors. Stains from different sources were prepared at separate times and were packaged once they were thoroughly dried. Completed sample sets were stored at -20°C until shipment on March 4, 2015 following receipt of predistribution results.

**SAMPLE SET ASSEMBLY:** For each sample set, all four Items (1-4) were placed in a pre-labeled sample pack envelope. 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>						
<i>Results compiled by predistribution laboratories and a consensus of at least 10 participants.</i>						
	<b>D1S1656</b>	<b>D2S1338</b>	<b>D2S441</b>	<b>D3S1358</b>	<b>D5S818</b>	<b>D7S820</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>
1	12,12 14,14 14,15 9,15	21,22 13,15 28,31.2 11,25	10,11 18,19 11,16 19,21	16,18 13,14 X,Y 7,9.3	12,12 11,12 10,12 8,8	10,11 13,16 24,24 16,17
2	12,14 14,14 14,15.2 2.2,10	25,25 13,15 31,33.2 10,16	11,14 17,17.3 16,16 11.2,18	15,17 11,13 X,Y 7,8	12,13 9,11 10,12 9,11	8,12 17,18 24,25 15,17
3	12,14 14,14 14,15,15.2 2.2,9,10,15	21,22,25 13,15 28,31,31.2,33.2 10,11,16,25	10,11,14 17,17.3,18,19 11,16 11.2,18,19,21	15,16,17,18 11,13,14 X,Y 7,8,9.3	12,13 9,11,12 10,12 8,9,11	8,10,11,12 13,16,17,18 24,25 15,16,17
4	17,18.3 13,16 13,14 10,13	20,23 13,14 28,29 13,15	10,14 21,22 16,16 20.2,21	15,16 11,11 X,X 9.3,9.3	13,14 12,13 11,12 8,10	10,12 14,16 20,24 16,18

<i>YSTR Results</i>								
<i>Results compiled from predistribution laboratories and a consensus of at least 10 participants.</i>								
	<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>DYS437</b>	<b>DYS438</b>	<b>DYS439</b>	<b>DYS448</b>	<b>DYS456</b>	<b>DYS458</b>	<b>DYS481</b>	<b>DYS533</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>	
1	14 15 13	13,16 13 17	13 11 18	30 19 23	24 15 10	11 17 12	13 22 2	13 12
2	14 15 12	15,15 11 20	12 11 15	28 19 23	26 15 12	11 18 11	11 25 2	13 11
3	14 15 12,13	13,15,16 11,13 17,20	12,13 11 15,18	28,30 19 23	24,26 15 10,12	11 17,18 11,12	11,13 22,25 2	13 11,12

## Manufacturer's Information, continued

### Mitochondrial DNA Sequencing Results

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

<u>Item</u>	<u>HVR-II</u>	<u>HVR-I</u>
<b>1</b>	<b>35-536</b>	<b>16000-16493</b>
<b>2</b>	<b>35-536</b>	<b>16000-16502</b>
<b>4</b>	<b>35-409</b>	<b>16001-16400</b>

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

#### Deviations HVR-II, HVR-I

	73.0	146.0	195.0	263.0	309.1	315.1	16223.0	16274.0	16278.0	16286.0	16294.0	16309.0	16390.0
<b>ITEM 1</b>	G	C	C	G	C	C	T	A	T	T	T	G	A

	73.0	263.0	309.1	315.1	523.0	524.0	16124.0	16223.0	16278.0	16362.0
<b>ITEM 2</b>	G	G	C	C	Del/-	Del/-	C	T	T	C

	146.0	217.0	263.0	315.1	16311.0
<b>ITEM 4</b>	C	C	G	C	C

## **Summary Comments**

The 15-572 Forensic Biology test was designed to allow participants to assess their proficiency in the identification and comparison of dried stains by means of body fluid screening and/or DNA profiling. Participants were supplied with two "known" bloodstains (Items 1 and 2) and two "questioned" stains (Items 3 and 4). Item 1 was created using blood collected from a male donor, Item 2 was created using blood collected from a different male donor and Item 4 was created using blood collected from a female donor. The Item 3 stain contained a 1:1 ratio of blood from the Item 1 and Item 2 male donors. (See Manufacturer's Information for preparation details)

Data were returned by a total of 672 participants, 631 of whom reported DNA results. All 41 remaining participants reported only screening results.

### Screening Test Results

For Item 3, all 601 participants that reported results for blood were positive. All 437 that reported results for semen were negative. There were 151 participants that reported negative results for saliva, seven that were inconclusive and one that was positive.

For Item 4, all 601 participants that reported results for blood were positive. There were 444 participants that reported negative results for semen and one that was inconclusive. There were 149 participants that reported negative results for saliva, seven that were inconclusive and one that was positive.

### DNA Analysis Results

Of the 672 participants reporting DNA results, 45 did not report interpretations. Of these, 44 stated that they analyzed the samples for database purposes only and the remaining one left this section blank.

For the Item 3 mixture, 568 participants included the victim (Item 1) and suspect (Item 2) as possible contributors and 15 reported inconclusive. For the Item 4 stain, there were 583 participants that excluded the victim (Item 1) as a possible contributor to the Item 4 stain and one that reported inconclusive. There were 584 participants that excluded the suspect (Item 2) as a possible contributor and one that reported inconclusive.

Twenty-seven participants reported allelic results that differed from the consensus/predistribution testing results. Fourteen participants reported additional alleles at one or more loci. These included two participants that reported YSTR results for the Item 4 female. Eight participants reported inconsistent alleles at one or more loci. Four participants were missing alleles at one or more loci and one participant reported ">12" at DYS438 while the remainder of reporting participants reported "13".

## 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

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
22JXJ7					
Item 3	Pos KM, HemDirect,	Neg AP	Neg RSID		
Item 4	Pos KM, HemDirect	Neg AP	Neg RSID		
22JZAB					
Item 3	Pos TMB, HemaTrace	Neg ALS, AP, Micro, PSA	NT		
Item 4	Pos TMB, HemaTrace	Neg ALS, AP, Micro, PSA	NT		
22ZA4W					
Item 3	Pos KM	Neg ALS, AP, Micro	Neg Phadebas	Human DNA Quantifiler Duo detected, Pos	
Item 4	Pos KM	Neg ALS, AP, Micro	Neg Phadebas	Human DNA Quantifiler Duo detected, Pos	
23RK6K					
Item 3	Pos KM	NT	NT		
Item 4	Pos KM	NT	NT		
24M7T6					
Item 3	Pos KM	NT	NT		
Item 4	Pos KM	NT	NT		
29XTEE					
Item 3	Pos KM	NT	NT		
Item 4	Pos KM	NT	NT		
29YDWW					
Item 3	Pos KM	Neg AP	NT		
Item 4	Pos KM	Neg AP	NT		
2AEWDZ					
Item 3	Pos KM, Takayama	Neg AP	NT		
Item 4	Pos KM, Takayama	Neg AP	NT		
2ANKE8					
Item 3	Pos KM	Neg AP, Micro for Sperm	Neg Amylase, Micro for Ecells		
Item 4	Pos KM	Neg AP, Micro for Sperm	Neg Amylase, Micro for Ecells		

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
2CDL3M				
Item 3	Pos ABA Heme	Neg PSA, Micro	NT	
Item 4	Pos ABA Heme	Neg PSA, Micro	NT	
2CGUQE				
Item 3	Pos HemDirect	NT	NT	
Item 4	Pos HemDirect	NT	NT	
2DRQ2K				
Item 3	Pos KM	Neg AP, ALS	NT	
Item 4	Pos KM	Neg AP, ALS	NT	
2EWYUW				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	NT	
2FUNDY				
Item 3	Pos LMG	Neg AP	Neg RSID-Saliva	
Item 4	Pos LMG	Neg AP	Neg RSID-Saliva	
2GQCK2				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
2HHW49				
Item 3	Pos KM, qRT-PCR	Neg AP, PSA	NT	
Item 4	Pos KM, qRT-PCR	Neg AP, PSA		
2JJ26G				
Item 3	Pos KM, HemaTrace	Neg AP, Seratec	Neg RSID	
Item 4	Pos KM, HemaTrace	Neg AP, Seratec	Neg RSID	
2MWXKQ				
Item 3	Pos KM, HemaTrace	Neg AP		
Item 4	Pos KM, HemaTrace	Neg AP		
2N9FUN				
Item 3	Pos Visual, Luminol, KM, Takayama, HemDirect	Neg ALS, AP, Micro	Neg Amylase Diffusion	
Item 4	Pos Visual, Luminol, KM, Takayama, HemDirect	Neg ALS, AP, Micro	Neg Amylase Diffusion	
2P42J9				
Item 3	Pos KM & Takayama	Neg AP & Micro	NT	
Item 4	Pos KM & Takayama	Neg AP & Micro	NT	



TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
2QEPKF				
Item 3	Pos KM	Neg ALS	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
2RCCDR				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
2RUAN4				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Neg AP	NT	
2TWYJE				
Item 3	Pos LMG, Hexagon OBTI	Neg PSA Seratec Semiquant	Neg Phadebas Amylase Test	Spermatozoon, Hemalaun-Eozin, Neg Micro
Item 4	Pos LMG, Hexagon OBTI	Neg PSA Seratec Semiquant	Neg Phadebas Amylase Test	Spermatozoon, Hemalaun-Eozin, Neg Micro
2XG7HK				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
2XMB24				
Item 3	Pos O-tol	Neg AP & Micro	Neg RSID (Saliva)	
Item 4	Pos O-tol	Neg AP & Micro	Neg RSID (Saliva)	
2YUMP8				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
32TCHZ				
Item 3	Pos LMG	Neg AP	Neg RSID-Saliva	
Item 4	Pos LMG	Neg AP	Neg RSID-Saliva	
32U826				
Item 3	Pos Hemastix, HemaTrace	Neg AP	Neg RSID-Saliva	
Item 4	Pos Hemastix, HemaTrace	Neg AP	Neg RSID-Saliva	
34KLC2				
Item 3	Pos KM	Neg AP	NT	Human, Pos Plexor H/Y
Item 4	Pos KM	Neg AP	NT	Human, Pos Plexor H/Y

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
36F3T6				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
37QYZU				
Item 3	Pos TMB, HemaTrace	Neg ALS, AP		
Item 4	Pos TMB, HemaTrace	Neg ALS, AP		
37TKXV				
Item 3	Pos KM, HemaTrace	Neg AP/PSA/Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP/PSA/Micro	Neg Phadebas	
37TMMZ				
Item 3	Pos KM	Neg AP, PSA	Neg Phadebas	Blood, Pos HemaTrace
Item 4	Pos KM	Neg AP, PSA	Neg Phadebas	Blood, Pos HemaTrace
38XMHZ				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
39BVLY				
Item 3	Pos KM, Takayama	Neg AP	Neg Phadebas	Human Origin, Plexor HY Pos
Item 4	Pos KM, Takayama	Neg AP	Neg Phadebas	Human Origin, Plexor HY Pos
3CJTQ3				
Item 3	Pos LMG	NT	NT	
Item 4	Pos LMG	NT	NT	
3CQZ3N				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Neg AP, Micro	NT	
3DCM8J				
Item 3	Pos TMB	Neg AP	Neg Amylase	
Item 4	Pos TMB	Neg AP	Neg Amylase	
3LEPVH				
Item 3	Pos KM	Neg ALS	NT	
Item 4	Pos KM	Neg ALS	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
3MHNPX				
Item 3	Pos O-tol	Neg AP	NT	
Item 4	Pos O-tol	Neg AP	NT	
3MUVNE				
Item 3	Pos KM, OBTI	Neg ALS, AP	NT	
Item 4	Pos KM, OBTI	Neg ALS, AP	NT	
3REAFZ				
Item 3	Pos LMG	NT	NT	
Item 4	Pos LMG	NT	NT	
3UVA6A				
Item 3	Pos O-tol, HemaTrace	Neg AP	NT	
Item 4	Pos O-tol, HemaTrace	Neg AP	NT	
3V6CVE				
Item 3	Pos KM, OBTI	NT	NT	
Item 4	Pos KM, OBTI	NT	NT	
3WCA8N				
Item 3	Pos ABA HemaTrace	Neg PSA, Micro	NT	
Item 4	Pos ABA HemaTrace	Neg PSA, Micro	NT	
3X2XDQ				
Item 3	Pos KM, TAK	Neg ALS, AP, Micro, p30	Inc Micro, Amylase	
Item 4	Pos KM, TAK	Neg ALS, AP, Micro, p30	Inc Micro, Amylase	
3XB63D				
Item 3	Pos TMB	Neg Micro, AP, PSA, ALS		HemaTrace, Pos
Item 4	Pos TMB	Neg Micro, AP, PSA, ALS		HemaTrace, Pos
3XEHUF				
Item 3	Pos HemDirect	NT	NT	
Item 4	Pos HemDirect	NT	NT	
46A8M4				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
47Q8X7				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
499JKP				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
4DMWMW				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
4DMZXZ				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM	NT	NT	
4FLN49				
Item 3	Pos KM	Neg AP, ALS	NT	
Item 4	Pos KM	Neg AP, ALS	NT	
4G2PBG				
Item 3	Pos KM	Neg ALS, AP	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
4GPUZB				
Item 3	Pos TMB	Neg ALS, AP	NT	
Item 4	Pos TMB	Neg ALS, AP	NT	
4HXBQU				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Neg AP	NT	
4J6Y4T				
Item 3	NT	Neg AP, PSA, Micro	NT	
Item 4	NT	Neg AP, PSA, Micro	NT	
4LZZJN				
Item 3	Pos PTMB, HemaTrace	Neg ALS, PSA	NT	
Item 4	Pos PTMB, HemaTrace	Neg ALS, PSA	NT	Urine, Neg Uritrace
4NJAG3				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
4P23QC				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	

TABLE 1

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
4QQBGF					
Item 3	Pos RSID	NT	Neg RSID		
Item 4	Pos RSID	NT	Neg RSID		
4RHZR3					
Item 3	Pos KM	NT	NT		
Item 4	Pos KM	NT	NT		
4TD2T6					
Item 3	Pos KM, Takayama	NT	NT		
Item 4	Pos KM, Takayama	NT	NT		
4V3AYZ					
Item 3	Pos KM	NT	NT	Human, Pos	Plexor HY
Item 4	Pos KM	NT	NT	Human, Pos	Plexor HY
4V3CN6					
Item 3	Pos TMB	Neg ALS, AP, Micro, PSA	NT	Human, Pos	HemaTrace
Item 4	Pos TMB	Neg ALS, AP, Micro, PSA	NT	Human, Pos	HemaTrace
626FWW					
Item 3	Pos LMG, HemaTrace	Neg ALS, AP, PSA, Micro	NT		
Item 4	Pos LMG, HemaTrace	Neg ALS, AP, PSA, Micro	NT		
62QF6Z					
Item 3	Pos LMG	NT	NT		
Item 4	Pos LMG	NT	NT		
664ATJ					
Item 3	Pos TMB, Micro	NT	NT		
Item 4	Pos TMB, Micro	NT	NT		
66JYU7					
Item 3	Pos KM	Neg ALS, AP	NT		
Item 4	Pos KM	Neg ALS, AP	NT		
6AKLWF					
Item 3	Pos hemochromogen	NT	NT	hair, Neg	visual
Item 4	Pos hemochromogen	NT	NT	hair, Neg	visual
6BGTE8					
Item 3	Pos KM, HemaTrace	Neg AP	NT		
Item 4	Pos KM, HemaTrace	Neg AP	NT		

TABLE 1

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
6JFGJ4					
Item 3	Pos KM	Neg AP	NT		
Item 4	Pos KM	Neg AP	NT		
6KJBPA					
Item 3	Pos KM, HemaTrace	Neg AP	NT		
Item 4	Pos KM, HemaTrace	Neg AP	NT		
6PQTWP					
Item 3	Pos KM, HemaTrace	Neg ALS, AP	Neg ALS		
Item 4	Pos KM, HemaTrace	Neg ALS, AP	Neg ALS		
6PW4NF					
Item 3	Pos TMB, HemaTrace	Neg AP	NT		
Item 4	Pos TMB, HemaTrace	Neg AP	NT		
6RHG6R					
Item 3	Pos KM	Neg AP	NT		
Item 4	Pos KM	Neg AP	NT		
6VZ38R					
Item 3	Pos KM	Neg AP			
Item 4	Pos KM	Neg AP			
6WVHLA					
Item 3	Pos KM, Takayama	NT	NT		
Item 4	Pos KM, Takayama	NT	NT		
6YXXZM					
Item 3	Pos KM	NT	NT		
Item 4	Pos KM	NT	NT		
6ZG96R					
Item 3	Pos KM, O-tol, RSID-Blood, HemaTrace	NT	NT		
Item 4	Pos KM, O-tol, RSID-Blood, HemaTrace	NT	NT		
744NM7					
Item 3	Pos KM, HemaTrace	Neg AP	Neg RSID-Saliva	Human DNA, Pos Plexor HY	
Item 4	Pos KM, HemaTrace	Neg AP	Neg RSID-Saliva	Human DNA, Pos Plexor HY	
767ERT					
Item 3	Pos KM	NT	NT		
Item 4	Pos KM	Neg AP	NT		

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
76X9DB				
Item 3	Pos KM	Neg AP overlay	NT	
Item 4	Pos KM	Neg AP overlay	NT	
79WZRX				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
7AJVLQ				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
7DGHUL				
Item 3	Pos KM, HemaTrace	Neg ALS, AP, Micro, PSA	NT	
Item 4	Pos KM, HemaTrace	Neg ALS, AP, Micro, PSA	NT	
7ERGAN				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
7F2FFQ				
Item 3	Pos KM	Neg AP, PSA	NT	
Item 4	Pos KM	Neg AP, PSA	NT	
7GXT64				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
7JKJ33				
Item 3	Pos KM, HemaTrace	Neg AP, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, Micro	Neg Phadebas	
7JU83M				
Item 3	Pos Hemastix			
Item 4	Pos Hemastix			
7JU849				
Item 3	Pos KM	NT	NT	Blood, Pos HemaTrace (Human presumptive)
Item 4	Pos KM	NT	NT	Blood, Pos HemaTrace (Human presumptive)

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
7KJJLZ				
Item 3	Pos KM	Neg AP, PSA, Micro	Neg Amylase Radial Diffusion	
Item 4	Pos KM	Neg AP, PSA, Micro	Neg Amylase Radial Diffusion	
7KYU8L				
Item 3	Pos HemaTrace	Neg PSA	Neg RSID-Saliva	
Item 4	Pos HemaTrace	Neg PSA	Neg RSID-Saliva	
7T9APU				
Item 3	Pos LMG	Neg AP	Neg RSID-Saliva	
Item 4	Pos LMG	Neg AP	Neg RSID-Saliva	
7TJVWP				
Item 3	Pos ABACard HemaTrace	NT	NT	
Item 4	Pos ABACard HemaTrace	NT	NT	
7TKQHG				
Item 3	Pos KM	NT	NT	Blood, Pos HemaTrace
Item 4	Pos KM	NT	NT	Blood, Pos HemaTrace
7TMRQE				
Item 3	Pos LMG, HemaTrace	Neg AP, ALS		
Item 4	Pos LMG, HemaTrace	Neg AP, ALS		
7UVMVX				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
7VHCR7				
Item 3	Pos LMG	NT	NT	
Item 4	Pos LMG	NT	NT	
8BLQC3				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
8QBVMG				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Neg AP		
8QHXHR				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Neg AP	NT	



TABLE 1

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
8UGC4K					
Item 3	Pos KM	Neg AP	NT		
Item 4	Pos KM	Neg AP	NT		
8UNVAH					
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas		
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas		
8W4PNU					
Item 3	Pos KM, HemaTrace	Neg AP, PSA	Neg Phadebas		
Item 4	Pos KM, HemaTrace	Neg AP, PSA	Neg Phadebas		
8XHW66					
Item 3	Pos KM, HemaTrace	Neg AP	NT		
Item 4	Pos KM, HemaTrace	Neg AP	NT		
8XUCYQ					
Item 3	Pos O-tol	Neg AP, Micro, PSA, ALS	Neg Amylase Diffusion		
Item 4	Pos O-tol	Neg AP, Micro, PSA, ALS	Neg Amylase Diffusion		
8XUM22					
Item 3	Pos Hemastix, HemaTrace	Neg Acid Phosphatase	Neg RSID-Saliva	Neg Alternate Light Source	
Item 4	Pos Hemastix, HemaTrace	Neg Acid Phosphatase	Neg RSID-Saliva	Neg Alternate Light Source	
8ZLTA6					
Item 3	Pos KM, Takayama	Neg AP	NT		
Item 4	Pos KM, Takayama	Neg AP	NT		
8ZRUPD					
Item 3	Pos KM, Combur (TMB)	Neg AP	Neg Phadebas		
Item 4	Pos KM, Combur (TMB)	Neg AP	Neg Phadebas		
92PGXP					
Item 3	Pos KM, HemaTrace	Neg AP	NT		
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	NT		
94E8J9					
Item 3	Pos KM	Neg AP	NT		
Item 4	Pos KM	Neg AP	NT		
94TAU9					
Item 3	Pos KM, HemaTrace	NT	NT		
Item 4	Pos KM, HemaTrace	NT	NT		

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
97K7M9				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
9AGUZA				
Item 3	Pos TMB, OBTI	NT	NT	
Item 4	Pos TMB, OBTI	NT	NT	
9CEJY4				
Item 3	Pos LMG	Neg ALS, AP	NT	
Item 4	Pos LMG	Neg ALS, AP	NT	
9CFA2R				
Item 3	Pos Luminol, Phen, Tak, HemDirect	Neg ALS, AP, Micro	Neg Amylase Starch Plate	
Item 4	Pos Luminol, Phen, Tak, HemDirect	Neg ALS, AP, Micro	Neg Amylase Starch Plate	
9CP389				
Item 3	Pos KM, HemaTrace	Neg ALS, AP, Micro, PSA	Neg Phadebus[sic]	
Item 4	Pos KM, HemaTrace	Neg ALS, AP, Micro, PSA	Neg Phadebus[sic]	
9CY8DR				
Item 3	Pos KM, HemaTrace	Neg AP, PSA	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, PSA	Neg Phadebas	
9EWECP				
Item 3	Pos LMG, Seratec	Neg RSID	Neg RSID	Sperm, Neg PSA
Item 4	Pos LMG, Seratec	Neg RSID	Neg RSID	Sperm, Pos PSA
9GTW3C				
Item 3	Pos KM, ABACard	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, ABACard	Neg AP, PSA, Micro	Neg Phadebas	
9HMRHT				
Item 3	Pos KM, HemaTrace	Neg Seri AP, PSA	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg Seri AP, PSA	Neg Phadebas	
9J37U9				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
9KWRLE				
Item 3	Pos KM, HemaTrace	Neg AP	Neg Phadebas	Human Origin, Quantifiler Human Pos
Item 4	Pos KM, HemaTrace	Neg AP	Neg Phadebas	Human Origin, Quantifiler Human Pos
9M46ME				
Item 3	Pos KM	NT	NT	Human Blood, HemaTrace Pos
Item 4	Pos KM	NT	NT	Human Blood, HemaTrace Pos
9MACV3				
Item 3	Pos	Neg	NT	
Item 4	Pos	Neg	NT	
9MUFK9				
Item 3	Pos KM Test	Neg AP Test	NT	
Item 4	Pos KM Test	Neg AP Test	NT	
9MYRLC				
Item 3	Pos Combur (TMB), KM	Neg AP	Neg Phadebas	
Item 4	Pos Combur (TMB), KM	Neg AP	Neg Phadebas	
9RDDNQ				
Item 3	Pos KM	Neg AP, PSA, Micro	NT	
Item 4	Pos KM	Neg AP, Micro	NT	
9VBZY7				
Item 3	Pos TMB	Neg AP	NT	
Item 4	Pos TMB	Neg AP	NT	
9VLFZF				
Item 3	Pos FOB	Neg PSA	NT	
Item 4	Pos FOB	Neg PSA	NT	
9W27BQ				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	
9WEMHC				
Item 3	Pos KM	Neg ALS, AP	NT	
Item 4	Pos KM	Neg ALS, AP	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
9XTNBL				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
9Y4N8F				
Item 3	Pos O-tol, HemDirect card	Neg AP spot test, Seratec PSA card	Neg Amylase Diffusion	
Item 4	Pos O-tol, HemDirect card	Neg AP spot test, Seratec PSA card	Neg Amylase Diffusion	
9YRFBJ				
Item 3	Pos PTMB, HemaTrace	Neg ALS, AP, PSA	Neg Phadebas	Urine, Neg Uritrace
Item 4	Pos PTMB, HemaTrace	Neg ALS, AP, PSA	Neg Phadebas	Urine, Neg Uritrace
9ZQEUR				
Item 3	Pos O-tol	Neg AP	NT	
Item 4	Pos O-tol	Neg AP	NT	
A2LVZT				
Item 3	Pos KM	Neg AP	Neg RSID	
Item 4	Pos KM	Neg AP	Neg RSID	
A3DABJ				
Item 3	Pos TMB, KM, HemaTrace	NT	NT	
Item 4	Pos TMB, KM, HemaTrace	NT	NT	
A3GFQY				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
A3Z3LA				
Item 3	Pos KM	Neg ALS, AP	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
AG74BX				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
AH2QYN				
Item 3	Pos O-tol	Neg AP	NT	
Item 4	Pos O-tol	Neg AP	NT	
AHHYV6				
Item 3	Pos TMB	Neg ALS, AP	NT	
Item 4	Pos TMB	Neg ALS, AP	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
AHVF6C				
Item 3	Pos LMG, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos LMG, HemaTrace	Neg ALS, AP	NT	
ALB8V6				
Item 3	Pos TMB	Neg ALS, AP, Micro, PSA	NT	
Item 4	Pos TMB	Neg ALS, AP, Micro, PSA	NT	
AMWCXD				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
APCKNJ				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Neg AP, Micro	NT	
ATR6LR				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
ATWCW2				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
AURV2M				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
AV3JBR				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
AVKFPD				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
AZY63U				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
B2A4YP				
Item 3	Pos KM	Neg AP, ALS	Neg Amylase Diffusion	
Item 4	Pos KM, LUMINOL, HemDirect, Takayama	Neg AP, ALS, Micro	Neg Amylase Diffusion	

TABLE 1

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
B3U8FA					
Item 3	Pos KM	Neg ALS, AP	NT		
Item 4	Pos KM	Neg ALS, AP	NT		
B6U3LK					
Item 3	Pos KM, RSID Blood	NT	NT		
Item 4	Pos KM, RSID Blood	NT	NT		
B7YQN3					
Item 3	Pos PHT (Phenolphthalin[sic])	NT	NT		
Item 4	Pos TMB	NT	NT		
B8GLMH					
Item 3	Pos O-tol, HemaTrace	Neg ALS, AP, p30, Micro	Neg ALS, RSID-Saliva		
Item 4	Pos O-tol, HemaTrace	Neg ALS, AP, p30, Micro	Neg ALS, RSID-Saliva		
B8YVCC					
Item 3	Pos KM, HemaTrace	Neg AP	Neg Phadebas	Human Origin, Quantifiler Human Pos	
Item 4	Pos KM, HemaTrace	Neg AP	Neg Phadebas	Human Origin, Quantifiler Human Pos	
BADZJ2					
Item 3	Pos PTMB	Neg AP	Neg Amylase		
Item 4	Pos PTMB	Neg AP	Neg Amylase		
BAGHL7					
Item 3	Pos KM, OBTI	Neg ALS, AP	NT		
Item 4	Pos KM, OBTI	Neg ALS, AP	NT		
BGNJ9Z					
Item 3	Pos KM	NT	NT		
Item 4	Pos KM	NT	NT		
BGZ7FT					
Item 3	Pos KM, Takayama	Neg AP	NT		
Item 4	Pos KM, Takayama	Neg AP	NT		
BHTQ2L					
Item 3	Pos KM	Neg AP	NT		
Item 4	Pos KM	Neg AP	NT		

TABLE 1

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
BHUVZA					
Item 3	Pos KM	Neg ALS, AP	NT		Human Origin, HemaTrace Pos
Item 4	Pos KM	Neg ALS, AP	NT		Human Origin, HemaTrace Pos
BLA4QF					
Item 3	Pos KM	Neg AP	NT		
Item 4	Pos KM	Neg AP	NT		
BLVRRP					
Item 3	Pos KM	NT	NT		
Item 4	Pos KM	NT	NT		
BN6UM2					
Item 3	Pos KM	Neg AP	NT		
Item 4	Pos KM	Neg AP	NT		
BNYQPB					
Item 3	Pos KM	Neg AP, ALS	NT		
Item 4	Pos KM	Neg AP, ALS	NT		
BP9V4Y					
Item 3	Pos Hemastix	Neg AP	Neg RSID-Saliva		
Item 4	Pos Hemastix	Neg AP	Neg RSID-Saliva		
BPTLZQ					
Item 3	Pos KM, HemaTrace	Neg AP	Neg RSID		Human Origin, HemaTrace, Plexor Pos HY
Item 4	Pos KM, Takayama	Neg AP	Neg Phadebas		Human Origin, Plexor HY Pos
BRJP3X					
Item 3	Pos KM	NT	NT		
Item 4	Pos KM	NT	NT		
BT2J6T					
Item 3	Pos LMG	Neg AP	NT		
Item 4	Pos LMG	Neg AP	NT		
BWH3PN					
Item 3	Pos O-tol	Neg AP	NT		
Item 4	Pos O-tol	Neg AP	NT		

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
BW6WW				
Item 3	Pos Red-brown, O-tol, PHTH	Neg AP, Micro	NT	
Item 4	Pos Red-brown, O-tol, PHTH	Neg AP, Micro	NT	
BXRZDD				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
BYGH3R				
Item 3	Pos KM, HemaTrace	NT	Neg RSID	
Item 4	Pos KM	NT	NT	
BYKXGD				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
BYLL6J				
Item 3	Pos PTMB, HemaTrace, Bluestar Forensic Reagent	Neg ALS, AP, PSA	Neg Amylase - Phadebas Tablet	Urine, Neg Uritrace
Item 4	Pos PTMB, HemaTrace, Bluestar Forensic Reagent	Neg ALS, AP, PSA	Neg Amylase - Phadebas Tablet	Urine, Neg Uritrace
BZXD27				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
C2684J				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	
C2YHJE				
Item 3	Pos KM	Neg ALS, AP, Micro, PSA	Neg Amylase	
Item 4	Pos KM	Neg ALS, AP, Micro, PSA	Neg Amylase	
C62TX8				
Item 3	Pos KM	Neg ALS, AP, Micro, PSA	NT	Human Origin, HemaTrace Pos
Item 4	Pos KM	Neg ALS, AP, Micro, PSA	NT	Human Origin, HemaTrace Pos
C7CCHJ				
Item 3	Pos KP	Neg AP, Micro	Neg Phadebas	
Item 4	Pos KM	Neg AP, Micro	Neg Phadebas	



TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
CA86DZ				
Item 3	Pos O-tol	NT	NT	
Item 4	Pos O-tol	Neg AP	NT	
CAPBKD				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
CCNPN4				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
CDGEZK				
Item 3	Pos KM, HemaTrace	Neg AP, p30	NT	
Item 4	Pos KM, HemaTrace	Neg AP, p30	NT	
CDJafa				
Item 3	Pos KM, ABACard	Neg AP	Neg Phadebas Press	
Item 4	Pos KM, ABACard	Neg AP	Neg Phadebas Press	
CM6F7L				
Item 3	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
CMHY6X				
Item 3	Pos KM, Takayama	Neg AP, Micro	NT	
Item 4	Pos KM, Takayama	Neg AP, Micro	NT	
CMWUKT				
Item 3	Pos	Neg	NT	
Item 4	Pos	Neg	NT	
CPCTUE				
Item 3	Pos KM, Combur (TMB)	Neg AP, PSA	Neg Phadebas	
Item 4	Pos KM, Combur (TMB)	Neg AP, PSA	Neg Phadebas	
CQX6CL				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
CVCNN2				
Item 3	Pos KM, Hexagon OBTI	NT	NT	
Item 4	Pos KM, Hexagon OBTI	NT	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
CVF7Q8				
Item 3	Pos KM, OBTI	Neg ALS, AP, Micro, p30	Neg Phadebas	
Item 4	Pos KM, OBTI	Neg ALS, AP, Micro, p30	Neg Phadebas	
CWABJY				
Item 3	Pos KM	Neg ALS, AP	NT	Human Origin, HemaTrace Pos
Item 4	Pos KM	Neg ALS, AP	NT	Human Origin, HemaTrace Pos
CWNCY2				
Item 3	Pos HemaTrace, RSID Blood	Neg p30, RSID-Semen	Neg SALLgAE, RSID-Saliva	
Item 4	Pos HemaTrace, RSID Blood	Neg p30, RSID-Semen	Neg SALLgAE, RSID-Saliva	
CXJXQ8				
Item 3	Pos Hemoglobin(ABACard HemaTrace)	Neg p30(ABACard p30)	NT	
Item 4	Pos Hemoglobin(ABACard HemaTrace)	Neg p30(ABACard p30)	NT	
CZALCE				
Item 3	Pos Visual Examination, Luminol, KM, Takayama, Heme-Direct	Neg ALS, AP, Micro	Neg Amylase Diffusion	
Item 4	Pos Visual Examination, Luminol, KM, Takayama, Heme-Direct	Neg ALS, AP, Micro	Neg Amylase Diffusion	
D2XYFC				
Item 3	Pos Phen, OBTI-Hu	Neg AP, Micro, ALS	NT	
Item 4	Pos Phen, OBTI-Hu	Neg AP, Micro, ALS	NT	
D9TZF2				
Item 3	Pos KM, Hexagon OBTI (HO)	NT	NT	
Item 4	Pos KM, HO	NT	NT	
DARM7T				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
DBHEVY				
Item 3	Pos LMG, FOB	Neg SM, PSA	Neg SALLgAE	
Item 4	Pos LMG, FOB	Neg SM, PSA	Neg SALLgAE	
DC7Z6N				
Item 3	Pos O-tol	Neg AP	NT	
Item 4	Pos O-tol	Neg AP	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
DHJLKZ				
Item 3	Pos KM, Hexagon OBTI	NT	NT	
Item 4	Pos KM, Hexagon OBTI	NT	NT	
DJ3PTE				
Item 3	Pos Hemastix	NT	NT	
Item 4	Pos Hemastix	NT	NT	
DKN4RH				
Item 3	Pos HemaTrace	NT	NT	
Item 4	Pos HemaTrace	NT	NT	
DP3KZR				
Item 3	Pos Phenolphthalein (mapped)	Neg ALS, Acid Phosphatase (mapped)	Neg ALS, RSID	
Item 4	Pos Phenolphthalein (mapped)	Neg ALS, Acid Phosphatase (mapped)	Neg ALS, RSID	
DQHPQ4				
Item 3	Pos KM, HemaTrace	Neg AP, Seratec	Neg RSID	
Item 4	Pos KM, HemaTrace	Neg AP, Seratec	Neg RSID	
DURCEV				
Item 3	Pos KM, RTPCR	Neg ALS, AP, PSA	NT	
Item 4	Pos KM, RTPCR	Neg ALS, AP, PSA	NT	
DXMCT6				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
DXY3P3				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
DZNEK2				
Item 3	Pos TMB, HemaTrace	Neg AP, ALS	NT	
Item 4	Pos TMB, HemaTrace	Neg AP, ALS	NT	
E6YTZ6				
Item 3	Pos KM, COMBUR (TMB)	Neg AP, PSA	Neg Phadebas	
Item 4	Pos KM, COMBUR (TMB)	Neg AP, PSA	Neg Phadebas	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
E7A4QC				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
E8G6MN				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
ECJUH3				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
ED8EUZ				
Item 3	Pos KM, Takayama	Neg AP, Micro	NT	
Item 4	Pos KM, Takayama	Neg AP, Micro	NT	
ENN27M				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
ENN7FP				
Item 3	Pos KM	Neg AP	Neg RSID	
Item 4	Pos KM	Neg AP	Neg RSID	
EPTL62				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
EPXW4T				
Item 3	Pos KM	Neg AP, ALS	NT	
Item 4	Pos KM	Neg AP, ALS	NT	
EUCCXR				
Item 3	Pos LMG, HemaTrace	Neg AP(Brentamine)	NT	
Item 4	Pos LMG, HemaTrace	Neg AP(Brentamine)	NT	
EUWJ4F				
Item 3	Pos LMG, HemaTrace	NT	NT	
Item 4	Pos LMG, HemaTrace	NT	NT	
EXRHBX				
Item 3	Pos TMB	NT	NT	Human, Pos HemaTrace
Item 4	Pos PHT	NT	NT	Human, Pos HemaTrace

TABLE 1

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
EZFARP					
Item 3	Pos LMG, HemaTrace	Neg AP, Micro, PSA	NT		
Item 4	Pos LMG, HemaTrace	Neg AP, Micro, PSA	NT		
EZK827					
Item 3	Pos KM	Neg ALS, AP	NT		Human Origin, HemaTrace Pos
Item 4	Pos KM	Neg ALS, AP	NT		Human HemaTrace Origina[sic], Pos
F2KBXF					
Item 3	Pos HemaTrace	Neg p30	NT		N/A, Neg Micro
Item 4	Pos HemaTrace	Neg p30	NT		N/A, Neg Micro
F42ZHQ					
Item 3	Pos PHTH, O-tol, Red-brown	Neg AP spot; Micro	NT		
Item 4	Pos PHTH, O-tol, Red brown	Neg AP spot; Micro	NT		
F6M2BM					
Item 3	Pos KM, HemaTrace	NT	NT		
Item 4	Pos KM, HemaTrace	NT	NT		
F6UVY9					
Item 3	Pos KM, Takayama	NT	NT		
Item 4	Pos KM, Takayama	NT	NT		
F74WTT					
Item 3	Pos KM, HemDirect	NT	NT		
Item 4	Pos KM, HemDirect	NT	NT		
F8DWXZ					
Item 3	Pos KM, HemaTrace	Neg AP, Seratec	Neg RSID		
Item 4	Pos KM, HemaTrace	Neg AP, Seratec	Neg RSID		
F8DYM6					
Item 3	Pos KM	NT	NT		
Item 4	Pos KM	NT	NT		
F9FDKY					
Item 3	Pos KM	NT	NT		
Item 4	Pos KM	NT	NT		

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
FD3XZU				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	Neg AP, Micro, p30, ALS	NT	
FD3ZPX				
Item 3	Pos Hemastix	NT	NT	
Item 4	Pos Hemastix	NT	NT	
FDKG47				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
FG4H2D				
Item 3	Pos LMG, HemaTrace	NT	NT	
Item 4	Pos LMG, HemaTrace	NT	NT	
FKJFBG				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Neg AP	NT	
FKMJ2R				
Item 3	Pos TMB	Neg ALS, AP, PSA, Micro	NT	
Item 4	Pos TMB	Neg ALS, AP, PSA, Micro	NT	
FN24ZZ				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
FN7HTT				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
FNNHJC				
Item 3	Pos KM, HemaTrace	Neg AP, ALS, Micro, PSA	NT	
Item 4	Pos KM, HemaTrace	Neg AP, ALS, Micro, PSA	NT	
FQTRD9				
Item 3	Pos KM, OBTI	Neg AP, Micro, PSA	Neg Phadebas	
Item 4	Pos KM, OBTI	Neg AP, Micro, PSA	Neg Phadebas	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
FX78A4				
Item 3	Pos TMB, PHT	Neg ALS, AP	NT	Human Origin, HemaTrace Pos
Item 4	Pos TMB, PHT	Neg ALS, AP	NT	Human Origin, HemaTrace Pos
FYFNDN				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	Neg AP	NT	
FYPRGM				
Item 3	Pos KM, Takayama	Neg ALS, AP, Micro, p30	Inc Amylase, Micro	
Item 4	Pos KM, Takayama	Neg ALS, AP, Micro, p30	Inc Amylase, Micro	
FZJFXW				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
G2K2P2				
Item 3	Pos TMB	Neg ALS, AP, Micro, PSA	NT	
Item 4	Pos TMB	Neg ALS, AP, Micro, PSA	NT	
G974QC				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Neg AP	NT	
GDJTGZ				
Item 3	Pos KM, HemaTrace	Neg AP, Seratec	Neg RSID	
Item 4	Pos KM, HemaTrace	Neg AP, Seratec	Neg RSID	
GG88DF				
Item 3	Pos HemaTrace	NT	NT	
Item 4	Pos HemaTrace	NT	NT	
GGWM6K				
Item 3	Pos LMG	Neg AP	Neg RSID-Saliva	
Item 4	Pos LMG	Neg AP	Neg RSID-Saliva	
GJWKYE				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
GKDL6F				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Neg AP	NT	
GMRDRA				
Item 3	Pos TMB	NT	NT	
Item 4	Pos TMB	NT	NT	
GN4BYY				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
GPMRYZ				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
GPT8Z9				
Item 3	Pos KM	Neg AP, Micro, PSA	Neg Phadebas	OBTI, Pos
Item 4	Pos KM	Neg AP, Micro, PSA	Neg Phadebas	OBTI, Pos
GTGXRJ				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
GTX2FJ				
Item 3	Pos KM, Luminol, Takayama, HemDirect	Neg AP, Micro, ALS	Neg Amylase	Pos Visual
Item 4	Pos KM, Luminol, Takayama, HemDirect	Neg AP, Micro, ALS	Neg Amylase	Pos Visual
GU2G4V				
Item 3	Pos LMG	NT	NT	
Item 4	Pos LMG	NT	NT	
GVZYNQ				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
GWDJLL				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Neg AP	NT	



TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
GXPAJP				
Item 3	Pos TMB	Neg ALS, AP	NT	Human Origin, HemaTrace Pos
Item 4	Pos TMB	Neg ALS, AP	NT	Human Origin, HemaTrace Pos
H23P98				
Item 3	Pos Visual Examination, Luminol, KM, Takayama, HemDirect	Neg ALS, AP, Micro	Neg Amylase Diffusion	
Item 4	Pos Visual Examination, Luminol, KM, Takayama, HemDirect	Neg ALS, AP, Micro	Neg Amylase Diffusion	
H3F46H				
Item 3	Pos O-tol	Neg AP	NT	
Item 4	Pos O-tol	Neg AP	NT	
H4NQEB				
Item 3	Pos TMB, Hexagon OBTI	Neg AP, PSA	Neg Phadebas	
Item 4	Pos TMB, Hexagon OBTI	Neg AP, PSA	Neg Phadebas	
H4QXNB				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Neg AP	NT	
H7TA9C				
Item 3	Pos HemaTrace	NT	NT	
Item 4	Pos HemaTrace	NT	NT	
H94V96				
Item 3	Pos KM, Takayama	Neg AP, Micro	NT	
Item 4	Pos KM, Takayama	Neg AP, Micro	NT	
HBMW6C				
Item 3	Pos LMG; HemaTrace	NT	NT	
Item 4	Pos LMG; HemaTrace	NT	NT	
HCFJT9				
Item 3	Pos ABA Heme	Neg PSA, Micro	NT	
Item 4	Pos ABA Heme	Neg PSA, Micro	NT	
HCMYUF				
Item 3	Pos KM	Neg ALS, AP, Micro	Neg ALS, Phadebas	Human DNA, Pos Quant Duo
Item 4	Pos KM	Neg ALS, AP, Micro	Neg ALS, Phadebas	Human DNA, Pos Quant Duo

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
HE6KJC				
Item 3	Pos LMG, HT	Neg AP	NT	
Item 4	Pos LMG, HT	Neg AP	NT	
HE798G				
Item 3	Pos O-tol	Neg Micro, AP, PSA, ALS	Neg Amylase Diffusion	
Item 4	Pos O-tol	Neg Micro, AP, PSA, ALS	Neg Amylase Diffusion	
HE8TRG				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Neg AP	NT	
HFGVGL				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
HGCVKL				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	Neg AP	NT	
HHRKZX				
Item 3	Pos LMG, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos LMG, HemaTrace	Neg ALS, AP	NT	
HMHQ4L				
Item 3	Pos LMG, Ouchterlony w/ anti huhb	NT	NT	
Item 4	Pos LMG, Ouchterlony w/ anti huhb	NT	NT	
HMTKTU				
Item 3	Pos KM	Neg Phosphatesmo	Pos Phadebas	
Item 4	Pos KM	Inc Phosphatesmo	Pos Phadebas	
HRDQRB				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	
HTRBHY				
Item 3	Pos TMB	Neg ALS, AP	NT	
Item 4	Pos TMB	Neg ALS, AP	NT	
HWCZ7J				
Item 3	Pos KM; HemaTrace	Neg AP	NT	
Item 4	Pos KM; HemaTrace	Neg AP	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
HY2DVG				
Item 3	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
J288FW				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
J2DHEP				
Item 3	Pos Phenolphthalein	NT	NT	
Item 4	Pos Phenolphthalein	NT	NT	
J8L6LD				
Item 3	Pos O-tol	Neg AP, ALS	NT	
Item 4	Pos O-tol	Neg AP, ALS	NT	
J8XKFZ				
Item 3	Pos KM	NT	NT	Seminal Fluid, ALS Neg
Item 4	Pos KM	NT	NT	Seminal Fluid, ALS Neg
J8YXX8				
Item 3	Pos ABA Heme	Neg PSA, Micro	NT	
Item 4	Pos ABA Heme	Neg PSA, Micro	NT	
JAJAKK				
Item 3	Pos LMG	NT	NT	
Item 4	Pos LMG	NT	NT	
JC3746				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
JCF29J				
Item 3	Pos LMG	Neg AP	Neg RSID-Saliva	
Item 4	Pos LMG	Neg AP	Neg RSID-Saliva	
JCWK94				
Item 3	Pos KM, HemaTrace	Neg ALS, AP, PSA	NT	
Item 4	Pos KM, HemaTrace	Neg ALS, AP, PSA	NT	

TABLE 1

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
JDW496					
Item 3	Pos PTMB	NT	NT		
Item 4	Pos PTMB	NT	NT		
JE4NPD					
Item 3	Pos KM	Neg PSA	NT		
Item 4	Pos KM	Neg PSA	NT		
JH4RMR					
Item 3	Pos KM	Neg ALS, AP	NT		Human Origin, HemaTrace Pos
Item 4	Pos KM	Neg ALS, AP	NT		Human Origin, HemaTrace Pos
JHCKUF					
Item 3	Pos O-tol	Neg AP	NT		
Item 4	Pos O-tol	Neg AP	NT		
JHE6YW					
Item 3	Pos KM, HemaTrace	NT	NT		
Item 4	Pos KM, HemaTrace	NT	NT		
JJEJR2					
Item 3	Pos TMB; HEMTRACE[sic]	Neg ALS; AP			
Item 4	Pos TMB; HemaTrace	Neg ALS; AP			
JJYDEW					
Item 3	Pos TMB, Micro	NT	NT		
Item 4	Pos TMB, Micro	NT	NT		
JL3YX4					
Item 3	Pos KM	Neg ALS, AP	NT		
Item 4	Pos KM	Neg ALS, AP	NT		
JM6K9B					
Item 3	Pos KM, RSID Blood	NT	NT		
Item 4	Pos KM, RSID Blood	NT	NT		
JN9KL4					
Item 3	Pos KM	Neg ALS, AP	NT		
Item 4	Pos KM	Neg ALS, AP	NT		

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
JRC2D6				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
JTNW2H				
Item 3	Pos KM, HemaTrace	Neg AP, PSA	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, PSA	Neg Phadebas	
JURDPV				
Item 3	Pos Hemastix, Anti-HB OBTI	NT	NT	
Item 4	Pos Hemastix, Anti-HB OBTI	NT	NT	
JWZC3N				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
JX2WZV				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
JYN29M				
Item 3	Pos KM (+)	Neg AP(-), Micro(-) Sperm	Neg Amylase Diffusion (-), Micro (-) NEC	
Item 4	Pos KM (+)	Neg AP(-), Micro(-) Sperm	Neg Amylase Diffusion (-), Micro (-) NEC	
K2GLXD				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
K4ZPJP				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
K6PMPP				
Item 3	Pos KM	Neg AP, PSA		
Item 4	Pos KM	Neg AP, PSA		
K7434Q				
Item 3	Pos Hemastix, HemaTrace	Neg AP	NT	
Item 4	Pos Hemastix, HemaTrace	Neg AP	NT	
K7JDRX				
Item 3	Pos RSID-Blood	Neg RSID-Semen	Neg RSID-Saliva	
Item 4	Pos RSID-Blood	Neg RSID-Semen	Neg RSID-Saliva	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
KCRBJV				
Item 3	Pos KM, HemaTrace	Neg AP, ALS	NT	
Item 4	Pos KM, HemaTrace	Neg AP, ALS	NT	
KD2UCK				
Item 3	Pos LMG, Ouchterlony (Anti-HuHb)	NT	NT	
Item 4	Pos LMG, Ouchterlony (Anti-HuHb)	NT	NT	
KFWUP4				
Item 3	Pos TMB, Micro	NT	NT	
Item 4	Pos TMB, Micro	NT	NT	
KFXK3D				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
KGBZBK				
Item 3	Pos KM, Takayama	NT	NT	
Item 4	Pos KM, Takayama	NT	NT	
KHFT2D				
Item 3	Pos KM, HemaTrace	Neg AP, PSA	NT	
Item 4	Pos KM, HemaTrace	Neg AP, PSA	NT	
KHXQ9J				
Item 3	Pos KM, HemaTrace	Neg AP	Neg RSID	
Item 4	Pos KM, HemaTrace	Neg AP	Neg RSID	
KKLVUH				
Item 3	Pos LMG	Neg AP, Micro	NT	
Item 4	Pos LMG	Neg AP, Micro	NT	
KLL8XJ				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Neg AP	NT	
KPN69C				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
KPTA99				
Item 3	Pos KM, HemaTrace	Neg PSA, Microscopy	Neg RSID	Pos Y-screen
Item 4	Pos KM, HemaTrace	Neg PSA, Microscopy	Neg RSID	Neg Y-screen

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
KPYHHV				
Item 3	Pos KM, HemaTrace	Neg ALS, AP, Micro, PSA	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg ALS, AP, Micro, PSA	Neg Phadebas	
KR7E6Q				
Item 3	Pos KM, HemaTrace	NT	Neg RSID	
Item 4	Pos KM, HemaTrace	NT	Neg RSID	
KVMHJU				
Item 3	Pos KM, Hexagon OBTI	NT	NT	
Item 4	Pos KM, Hexagon OBTI	NT	NT	
KWMPA8				
Item 3	Pos PTMB, HemaTrace	Neg ALS, AP, PSA	Neg Phadebas Tablet	Urine, Neg Uritrace
Item 4	Pos PTMB, HemaTrace	Neg ALS, AP, PSA	Neg Phadebas Tablet	Neg Uritrace
KWU67R				
Item 3	Pos Hemastix, HemaTrace	Neg AP	Neg RSID	
Item 4	Pos Hemastix, HemaTrace	Neg AP	Neg RSID	
KXVRC7				
Item 3	Pos PTMB	Neg ALS, AP	NT	
Item 4	Pos PTMB	Neg ALS, AP	NT	
KZ8GLA				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Neg AP	NT	
L4DNAR				
Item 3	Pos TMB	NT	NT	
Item 4	Pos TMB	NT	NT	
L4UVDN				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
L7F792				
Item 3	Pos KM, TMB	Neg ALS, AP, Micro, PSA	Neg RSID	
Item 4	Pos KM, TMB	Neg ALS, AP, Micro, PSA	Neg RSID	
L8EPAN				
Item 3	Pos KM, HemaTrace	Neg ALS, AP	Neg RSID-Saliva	Human, Pos PlexorHY
Item 4	Pos KM, HemaTrace	Neg ALS, AP	Neg RSID-Saliva	Human, Pos PlexorHY

TABLE 1

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
L8FWLC					
Item 3	Pos KM	Neg AP	NT		
Item 4	Pos KM	Neg AP	NT		
L8J99D					
Item 3	Pos O-tol	Neg AP	NT		
Item 4	Pos O-tol	Neg AP	NT		
L9PULR					
Item 3	Pos TMB, HemaTrace	Neg ALS, AP	NT		
Item 4	Pos TMB, HemaTrace	Neg ALS, AP	NT		
LB9X84					
Item 3	Pos KM, HemaTrace	Neg AP	NT		
Item 4	Pos KM, HemaTrace	Neg AP	NT		
LBV24K					
Item 3	Pos KM	Neg ALS, AP	Neg ALS, RSID		
Item 4	Pos KM	Neg ALS, AP	Neg ALS, RSID		
LCQMVP					
Item 3	Pos HS, HT	Neg AP, p30, Micro	Neg RSID		
Item 4	Pos HS, HT	Neg AP, p30, Micro	Neg RSID		
LGPVLJ					
Item 3	Pos LMG	NT	NT		
Item 4	Pos LMG	NT	NT		
LJN4YN					
Item 3	Pos KM	NT	NT		
Item 4	Pos KM	NT	NT		
LJZUX7					
Item 3	Pos PTMB, HemaTrace	Neg PSA, Micro	Neg RSID	Male DNA, Pos Y-screening	
Item 4	Pos PTMB, HemaTrace	Neg PSA, Micro	Neg RSID	Male DNA, Neg T-screening	
LL3P94					
Item 3	Pos TMB, Micro	NT	NT		
Item 4	Pos TMB, Micro	NT	NT		
LMECT4					
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas		
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas		



TABLE 1

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
LPXGFF					
Item 3	Pos KM, Takayama	Neg AP	NT		
Item 4	Pos KM, Takayama	Neg AP	NT		
LQA8FJ					
Item 3	Pos KM	Neg AP	Neg RSID-Saliva		
Item 4	Pos KM	Neg AP	Neg RSID-Saliva		
LRNVPB					
Item 3	Pos KM				
Item 4	Pos KM				
LVQPRM					
Item 3	Pos KM	NT	NT		
Item 4	Pos KM	NT	NT		
LWCVZR					
Item 3	Pos LMG	Neg SM	Neg SALIgAE		
Item 4	Pos LMG	Neg SM	Neg SALIgAE		
LZACCL					
Item 3	Pos LMG, HemaTrace	Neg AP	NT		
Item 4	Pos LMG, HemaTrace	Neg AP	NT		
LZV2HM					
Item 3	Pos KM, Species Ouchterlony	Neg AP, Micro, p30	Neg Micro, Amylase Radial Diffusion	Human Species, Species Ouchterlony Pos	
Item 4	Pos KM, Species Ouchterlony	Neg AP, Micro, p30	Neg Micro, Amylase Radial Diffusion	Human Species, Species Ouchterlony Pos	
M3YGNA					
Item 3	Pos KM, HemaTrace	Neg AP, p30	NT		
Item 4	Pos KM, HemaTrace	Neg AP, p30	NT		
M4GE4G					
Item 3	Pos KM	NT	NT		
Item 4	Pos KM	NT	NT		
M6KXKH					
Item 3	Pos KM	Neg AP	NT		
Item 4	Pos KM	Neg AP	NT		

TABLE 1

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
M6PNYY					
Item 3	Pos KM, Takayama	Neg AP	NT		
Item 4	Pos KM, Takayama	Neg AP	NT		
M7KAP6					
Item 3	Pos PTMB	Neg PSA	NT	Urine, Neg	Uritrace
Item 4	Pos PTMB	Neg PSA	NT		
M7ZHQT					
Item 3	Pos KM, Takayama	Neg AP	NT		
Item 4	Pos KM, Takayama	Neg AP	NT		
M92UYD					
Item 3	Pos KM, HemaTrace	Neg AP, PSA	NT		
Item 4	Pos KM, HemaTrace	Neg AP, PSA	NT		
M9LYM2					
Item 3	Pos KM	Neg AP			
Item 4	Pos KM	Neg AP			
M9M7XL					
Item 3	Pos KM	Neg AP	Neg RSID-Saliva		
Item 4	Pos KM	Neg AP	Neg RSID-Saliva		
M9RPYW					
Item 3	Pos PTMB	Neg AP	NT	Urine, Neg	Uritrace
Item 4	Pos PTMB	Neg AP	NT	Urine, Neg	Uritrace
MALBP2					
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas		
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas		
MAMANG					
Item 3	Pos KM	Neg AP, PSA(p30)			
Item 4	Pos KM	Neg AP, PSA(p30)			
MBRRWK					
Item 3	Pos TMB	Neg AP, Micro, PSA, ALS	NT		
Item 4	Pos TMB	Neg AP, Micro, PSA, ALS	NT		
MC6GXC					
Item 3	Pos KM, HemaTrace	Neg AP	Neg RSID-Saliva		
Item 4	Pos KM, HemaTrace	Neg AP	Neg RSID-Saliva		

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
MDT2GL				
Item 3	Pos KM	Neg AP	Neg RSID	
Item 4	Pos KM	Neg AP	Neg RSID	
MEURUW				
Item 3	Pos TMB	Neg ALS, AP	NT	
Item 4	Pos TMB	Neg ALS, AP	NT	
MF4CP7				
Item 3	Pos TMB, Hexagon-OBTI	Neg PSA, ALS, RSID, Phosphatesmo	Neg Phadebas	
Item 4	Pos TMB, Hexagon-OBTI	Neg PSA, ALS, RSID, Phosphatesmo	Neg Phadebas	
MFQA2R				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
MJ7JCA				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
MJ8GM7				
Item 3	Pos PTMB, HemaTrace	Neg ALS, AP, PSA	NT	Urine, Neg Uritrace
Item 4	Pos PTMB, HemaTrace	Neg ALS, AP, PSA	NT	Urine, Neg Uritrace
MJHWNE				
Item 3	Pos LMG, HT	Neg AP	NT	
Item 4	Pos LMG, HT	Neg AP	NT	
MJQC3L				
Item 3	Pos KM, Takayama	Neg AP, Micro	NT	
Item 4	Pos KM, Takayama	Neg AP, Micro	NT	
MK9AMY				
Item 3	Pos KM, ABA	Neg AP	Neg Phadebas	
Item 4	Pos KM, ABA	Neg AP	Neg Phadebas	
MKCK6P				
Item 3	Pos KM	Neg AP		
Item 4	Pos KM	Neg AP		

TABLE 1

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
MKUZQ6					
Item 3	Pos H.stix	NT No evidential value	NT Test not performed at lab	Hair (removed) Visual testing	
Item 4	Pos H.stix	NT No evidential value	NT Test not done at the lab	Hair (removed) Visual testing	
MLEQMP					
Item 3	Pos TMB, HT	NT	NT		
Item 4	Pos TMB, HT	NT	NT		
MPAHVM					
Item 3	Pos KM	Neg AP	Neg RSID		
Item 4	Pos KM	Neg AP	Neg RSID		
MV3P79					
Item 3	Pos KM, HemaTrace(Hb)	Neg AP, Micro, PSA	NT		
Item 4	Pos KM	Neg AP	NT		
MV4FGX					
Item 3	Pos KM, ABACard, HemaTrace	Neg AP	Neg Phadebas Press		
Item 4	Pos KM, ABACard, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas Press		
MX23T8					
Item 3	Pos O-tol, HemaTrace	NT	NT		
Item 4	Pos O-tol, HemaTrace	NT	NT		
N2XKDZ					
Item 3	Pos KM	Neg AP	NT		
Item 4	Pos KM	Neg AP	NT		
N4KRN2					
Item 3	Pos KM, ABAheme	Neg PSA, Micro	NT		
Item 4	Pos KM, ABAheme	Neg PSA, Micro	NT		
N88Y2Q					
Item 3	Pos KM, Hexagon OBTI	NT	NT		
Item 4	Pos KM, Hexagon OBTI	NT	NT		
N9WCGN					
Item 3	Pos LMG, HemaTrace	Neg AP, PSA	NT		
Item 4	Pos LMG, HemaTrace	Neg AP, PSA	NT		
NAP8ZP					
Item 3	Pos LMG, RSID-Blood	Neg AP, RSID-Semen	Neg RSID-Saliva		
Item 4	Pos LMG, RSID-Blood	Neg AP, RSID-Semen	Neg RSID-Saliva		

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
NAY8V7				
Item 3	Pos KM	Neg AP, PSA, Micro	NT	
Item 4	Pos KM	Neg AP, PSA, Micro	NT	
NCLW26				
Item 3	Pos KM & Takayama	Neg AP, Micro, & p30	Inc Amylase Radial Diffusion & Micro	
Item 4	Pos KM & Takayama	Neg AP, Micro, & p30	Inc Amylase Radial Diffusion & Micro	
NCXWKT				
Item 3	Pos TMB	Neg ALS, AP	NT	
Item 4	Pos TMB	Neg ALS, AP	NT	
NHAJUP				
Item 3	Pos TMB	Neg AP	NT	
Item 4	Pos TMB	Neg AP	NT	
NJYHJ3				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Neg AP	NT	
NKF3JK				
Item 3	Pos KM, HemaTrace	NT	NT	Human Origin, HemaTrace Pos
Item 4	Pos KM, HemaTrace	NT	NT	Human Origin, HemaTrace Pos
NNEVKP				
Item 3	Pos KM, Hexagon OBTI	NT	NT	
Item 4	Pos KM, Hexagon OBTI	NT	NT	
NP8A4E				
Item 3	Pos KM	NT	NT	Human, Pos Plexor HY
Item 4	Pos KM	NT	NT	Human, Pos Plexor HY
NUKYGW				
Item 3	Pos KM	Neg ALS, AP	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
NWXN2L				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	

TABLE 1

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
NZTDKE					
Item 3	Pos O-tol	Neg AP	NT		
Item 4	Pos O-tol	Neg AP	NT		
P2VVKT					
Item 3	Pos LMG, HemaTrace	Neg AP, ALS	NT		
Item 4	Pos LMG, HemaTrace	Neg AP, ALS	NT		
P46PUZ					
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas		
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas		
P6J8W7					
Item 3	Pos KM, O-tol	NT	NT		
Item 4	Pos KM, O-tol	NT	NT		
P9YN7A					
Item 3	Pos KM	Neg AP	NT		
Item 4	Pos KM	Neg AP	NT		
PB9HZP					
Item 3	Pos KM, Takayama	Neg AP	NT		
Item 4	Pos KM, Takayama	Neg AP	NT		
PBMCCCH					
Item 3	Pos TMB	NT	NT		
Item 4	Pos TMB	NT	NT		
PF2NPC					
Item 3	Pos KM, TAK	Neg AP, p30, Micro	Inc Radial Diffusion		
Item 4	Pos KM, TAK	Neg AP, p30, Micro	Inc Radial Diffusion		
PJUG4U					
Item 3	Pos HemaTrace, Phenolphthalein	Neg Microscopic Sperm, p30/PSA	Neg RSID-Saliva	Male DNA, Pos Y-screening	
Item 4	Pos HemaTrace, Phenolphthalein	Neg Microscopic Sperm, p30/PSA	Neg RSID-Saliva	Male DNA, Neg Y-screening	
PLJB6A					
Item 3	Pos KM, Taka, HemDirect, Luminol	Neg AP, Micro, ALS	Neg Amylase Diffusion		
Item 4	Pos KM, Taka, HemDirect, Luminol	Neg AP, Micro, ALS	Neg Amylase Diffusion		

TABLE 1

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
PNFJL7					
Item 3	Pos KM, ABA HemaTrace	Neg AP	NT		
Item 4	Pos KM, ABA HemaTrace	Neg AP	NT		
PPJ339					
Item 3	Pos HemaTrace[sic]	NT	NT		
Item 4	Pos HemaTrace[sic]	NT	NT		
PT8VDW					
Item 3	Pos KM	Neg AP	NT		
Item 4	Pos KM	Neg AP	NT		
PTNY2W					
Item 3	Pos TMB	Neg ALS, AP	NT		Human Origin, HemaTrace Pos
Item 4	Pos TMB	Neg ALS, AP	NT		Human Origin, HemaTrace Pos
PUCE7X					
Item 3	Pos KM	Neg ALS, AP	NT		
Item 4	Pos KM	Neg ALS, AP	NT		
PW6G3E					
Item 3	Pos KM, Takayama	NT	NT		
Item 4	Pos KM, Takayama	Neg AP	NT		
PZ8474					
Item 3	Pos KM, HemaTrace	Neg ALS, AP	NT		
Item 4	Pos KM, HemaTrace	Neg ALS, AP	NT		
Q468BV					
Item 3	Pos KM, ABACard	Neg AP	Neg Phadebas(Amylase)		
Item 4	Pos KM, ABACard	Neg AP	Neg Phadebas(Amylase)		
Q4E8YP					
Item 3	Pos KM, HemaTrace	Neg ALS, AP	NT		
Item 4	Pos KM, HemaTrace	Neg ALS, AP	NT		
Q9DXCB					
Item 3	Pos LMG, HemaTrace	Neg AP, ALS	NT		
Item 4	Pos LMG, HemaTrace	Neg AP, ALS	NT		

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
Q9TUPN				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Neg AP	NT	
QE27RF				
Item 3	Pos TMB, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos TMB, HemaTrace	Neg ALS, AP	NT	
QJE66U				
Item 3	Pos KM	Neg AP, PSA	Neg Phadebas	
Item 4	Pos KM	Neg AP, PSA	Neg Phadebas	
QJGH4P				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
QR72TC				
Item 3	Pos LMG	Neg PSA, Micro	NT	
Item 4	Pos LMG	Neg PSA, Micro	NT	
QRGW74				
Item 3	Pos HemaTrace	NT	NT	
Item 4	Pos HemaTrace	NT	NT	
QT23WZ				
Item 3	Pos KM, HemDirect, Takayama, Luminol	Neg AP, Micro, ALS	Neg Amylase Diffusion	Pos Visual
Item 4	Pos KM, HemDirect, Takayama, Luminol	Neg AP, Micro, ALS	Neg Amylase Diffusion	Pos Visual
QU3KN6				
Item 3	Pos KM, O-tol, RSID-Blood, HemaTrace	NT	NT	
Item 4	Pos KM, O-tol, RSID-Blood, HemaTrace	NT	NT	
QWEF92				
Item 3	Pos Hemastix			
Item 4	Pos Hemastix			
QYP3DV				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	



TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
R267CC				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
R2CJ7L				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	
R2UFP9				
Item 3	Pos KM, HemaTrace	Neg AP, PSA	NT	
Item 4	Pos KM, HemaTrace	Neg AP, PSA	NT	
R386WQ				
Item 3	Pos KM, HemaTrace	Neg AP, Seratec	Neg RSID	
Item 4	Pos KM, HemaTrace	Neg AP, Seratec	Neg RSID	
R3KQCU				
Item 3	Pos KM	Neg ALS, AP	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
R4H6TL				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	
R6AA66				
Item 3	Pos KM, HemaTrace	Neg AP, ABACard p30	NT	
Item 4	Pos KM, HemaTrace	Neg ABACard p30	NT	
R7VKT7				
Item 3	Pos KM, HemaTrace	Neg AP	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP	Neg Phadebas	
R9GCMV				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
RBXQZ4				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	
RD3KDF				
Item 3	Pos KM, HemDirect	Neg ALS, AP, Micro	Neg RSID-Saliva	
Item 4	Pos KM, HemDirect	Neg ALS, AP, Micro	Neg RSID-Saliva	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
RDGFVV				
Item 3	Pos KM	NT	NT	Blood, Pos ABA HemaTrace
Item 4	Pos KM	NT	NT	Blood, Pos ABA HemaTrace
RDRMFP				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
RF7TME				
Item 3	Pos KM	Neg AP/Micro for Sperm	Neg ARD/Micro for E-cells	
Item 4	Pos KM	Neg AP/Micro for Sperm	Neg ARD/Micro for E-cells	
RG4LK4				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	
RHP2KT				
Item 3	Pos RSID	Neg RSID	Neg RSID	
Item 4	Pos RSID	Neg RSID	Neg RSID	
RHTVND				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Neg AP	NT	
RJBLYJ				
Item 3	Pos KM, Takayama	Neg AP	Neg RSID-Saliva	Human Origin, Plexor HY Pos
Item 4	Pos KM, HemaTrace	Neg AP	Neg RSID-Saliva	Human Origin, Plexor HY Pos
RLGBCD				
Item 3	Pos KM	Neg AP, Micro	Neg Amylase Radial Diffusion	
Item 4	Pos KM	Neg AP, Micro	Neg Amylase Radial Diffusion	
RQT8RM				
Item 3	Pos HemDirect	NT	NT	
Item 4	Pos HemDirect	NT	NT	
RUXMQE				
Item 3	Pos KM	Neg AP, Micro	Neg Amylase Radial Diffusion	
Item 4	Pos KM	Neg AP, Micro	Neg Amylase Radial Diffusion	

TABLE 1

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
RV8MHE					
Item 3	Pos KM, Takayama	NT	NT		
Item 4	Pos KM, Takayama	NT	NT		
RVGCJK					
Item 3	Pos O-tol	Neg AP	Neg RSID		
Item 4	Pos O-tol	Neg AP	Neg RSID		
RVLE44					
Item 3	Pos KM	Neg AP	NT		
Item 4	Pos KM	Neg AP	NT		
RX6HQF					
Item 3	Pos KM	Neg AP	NT		
Item 4	Pos KM	Neg AP	NT		
RXKE3V					
Item 3	Pos TMB, KM	NT	NT		
Item 4	Pos TMB, KM	NT	NT		
RYUB98					
Item 3	Pos color, PPTH, O-tol	Neg AP, Micro			
Item 4	Pos color, PPTH, O-tol	Neg AP, Micro			
RZPNBR					
Item 3	Pos KM	NT	NT		
Item 4	Pos KM	NT	NT		
T2KAEN					
Item 3	Pos KM	NT	NT		
Item 4	Pos KM	NT	NT		
T2MCC3					
Item 3	NT	NT	NT	Human, Pos Quant Duo	
Item 4	NT	NT	NT	Human, Pos Quant Duo	
T2ZW4C					
Item 3	Pos KM	NT	NT		
Item 4	Pos KM	Neg AP	NT		
T3HHM8					
Item 3	Pos LMG, HemaTrace	Neg AP, PSA, Micro, ALS	NT		
Item 4	Pos LMG, HemaTrace	Neg AP, PSA, Micro, ALS	NT		

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
T4EQC6				
Item 3	Pos KM, RSID-Blood	NT	NT	
Item 4	Pos KM, RSID-Blood	NT	NT	
T6NPGL				
Item 3	Pos TMB	Neg ALS, AP	NT	
Item 4	Pos TMB	Neg ALS, AP	NT	
T7YZNP				
Item 3	Pos TMB	Neg ALS, AP	NT	
Item 4	Pos TMB	Neg ALS, AP	NT	
T8ZD6R				
Item 3	Pos KM, ABACard, HemaTrace	Neg AP	Neg Phadebas	
Item 4	Pos KM, ABACard, HemaTrace	Neg AP	Neg Phadebas	
TLV2UW				
Item 3	Pos PTMB	Neg AP	NT	Urine, Neg Uritrace
Item 4	Pos PTMB	Neg AP	NT	
TNHG9K				
Item 3	Pos KM	Neg ALS, AP	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
TQ3TLG				
Item 3	Pos TMB (Hemastix)	Neg AP	Neg RSID-Saliva	
Item 4	Pos TMB (Hemastix)	Neg AP	Neg RSID-Saliva	
TR6DTH				
Item 3	Pos LMG	Neg AP, ALS	NT	
Item 4	Pos LMG	Neg AP, ALS	NT	
TRN2DY				
Item 3	Pos O-tol	NT	NT	Human Blood, HemaTrace Pos
Item 4	Pos O-tol	NT	NT	Human Blood, HemaTrace Pos
TWRMQN				
Item 3	Pos KM, OBTI	NT	NT	
Item 4	Pos KM, OBTI	NT	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
TWNNUF				
Item 3	Pos KM, HemaTrace	Neg ALS, AP, PSA, Micro	Neg ALS, Phadebas	
Item 4	Pos KM, HemaTrace	Neg ALS, AP, PSA, Micro	Neg ALS, Phadebas	
U4APR6				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	
U6MGL8				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
U7ZUHG				
Item 3	Pos O-tol	Neg AP	NT	Human Blood, RSID-Blood Pos
Item 4	Pos O-tol	Neg AP	NT	Human Blood, RSID-Blood Pos
UB9F7D				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
UBPE6J				
Item 3	Pos KM	Neg ALS, AP	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
UDD3R6				
Item 3	Pos KM, HemDirect, Tak, Luminol	Neg AP, Micro, ALS	Neg Amylase Diffusion	
Item 4	Pos KM, HemDirect, Tak, Luminol	Neg AP, Micro, ALS	Neg Amylase Diffusion	
UFGBKG				
Item 3	Pos Hemastix, HemaTrace	NT	NT	
Item 4	Pos Hemastix, HemaTrace	NT	NT	
UFJELZ				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Neg AP	NT	HemaTrace, Pos HemaTrace
UFZXGD				
Item 3	Pos KM	Neg AP, Micro exam for Sperm	Neg Radial Diffusion, Micro for E. cells	
Item 4	Pos KM	Neg AP, Micro exam for Sperm	Neg Radial Diffusion, Micro for E. cells	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
UGYT92				
Item 3	Pos KM, RSID	NT	NT	
Item 4	Pos KM, RSID	NT	NT	
UHK876				
Item 3	Pos O-tol	Neg AP, ALS, Micro, PSA	Neg Amylase Diffusion	
Item 4	Pos O-tol	Neg AP, ALS, Micro, PSA	Neg Amylase Diffusion	
UJL8LQ				
Item 3	Pos LMG	Neg ALS, AP	NT	
Item 4	Pos LMG	Neg ALS, AP	NT	
UKVFNH				
Item 3	Pos TMB	Neg ALS, AP, Micro	NT	
Item 4	Pos TMB	Neg ALS, AP, Micro	NT	
UN793A				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
UNCEND				
Item 3	Pos KM	Neg AP, Micro for Sperm	Neg Amylase, Micro for Nucleated E-cells	
Item 4	Pos KM	Neg AP, Micro for Sperm	Neg Amylase, Micro for Nucleated E-cells	
UNRPCK				
Item 3	Pos KM	NT	NT	Blood, Pos HemaTrace (Human presumptive)
Item 4	Pos KM	NT	NT	Blood, Pos HemaTrace (Human presumptive)
UQPBMA				
Item 3	Pos LMG	NT	NT	
Item 4	Pos LMG	NT	NT	
UX2FCV				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
UXEN3Q				
Item 3	Pos Phenolphthalein, HemaTrace	Neg Microscopy and PSA	Neg RSID-Saliva	
Item 4	Pos Phenolphthalein, HemaTrace	Neg Microscopy and PSA	Neg RSID Saliva	

TABLE 1

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
UZ8T7G					
Item 3	Pos KM, Takayama, HemaTrace	Neg AP	NT	Human Origin, PlexorHY Pos	
Item 4	Pos KM, Takayama, HemaTrace	Neg AP	Neg Phadebas	Human Origin, PlexorHY Pos	
V2CNHD					
Item 3	Pos KM, Micro-Takayama	Neg ALS, AP, PSA, Micro-Sperm	Inc Radial Diffusion		
Item 4	Pos KM, Micro-Takayama	Neg ALS, AP, PSA, Micro-Sperm	Inc Radial Diffusion		
V2UBJG					
Item 3	Pos KM	Neg AP	NT	ALS, Neg	
Item 4	Pos KM	Neg AP		ALS, Neg	
VB2NGG					
Item 3	Pos LMG, Hem	Neg ALS, AP			
Item 4	Pos LMG, Hem	Neg ALS, AP			
VC2K9Z					
Item 3	Pos LMG, HemaTrace	NT	NT		
Item 4	Pos LMG, HemaTrace	NT	NT		
VGUTAK					
Item 3	Pos KM, HemaTrace	Neg ALS, AP	NT		
Item 4	Pos KM, HemaTrace	Neg ALS, AP	NT		
VJH3JL					
Item 3	Pos TMB	Neg ALS, AP	NT		
Item 4	Pos TMB	Neg ALS, AP	NT		
VK8FZJ					
Item 3	Pos KM	NT	NT		
Item 4	Pos KM	NT	NT		
VKPKHH					
Item 3	Pos TMB, PHT, HemaTrace	NT	NT		
Item 4	Pos TMB, PHT, HemaTrace	NT	NT		
VKRJPR					
Item 3	Pos KM, OBTI	Neg ALS, AP, Micro, PSA	Neg ALS, Phadebas		
Item 4	Pos KM, OBTI	Neg ALS, AP, Micro, PSA	Neg ALS, Phadebas		

TABLE 1

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
VLNJ2Q					
Item 3	Pos KM, Seratec HemDirect	Neg AP, RSID-Semen	Neg RSID-Saliva		
Item 4	Pos KM, Seratec HemDirect	NT	NT		
VMU8VM					
Item 3	Pos TMB	Neg AP, PSA	NT		
Item 4	Pos TMB	Neg AP, PSA	NT		
VP3DGN					
Item 3	Pos KM	Neg ALS, AP	NT	Human Origin, HemaTrace Pos	
Item 4	Pos KM	Neg ALS, AP	NT	Human Origin, HemaTrace Pos	
VRFU42					
Item 3	Pos KM	NT	NT		
Item 4	Pos KM	NT	NT		
VRXKE8					
Item 3	Pos KM, Takayama	Neg ALS, AP, Micro, p30	Inc Amylase Radial Diffusion		
Item 4	Pos KM, Takayama	Neg ALS, AP, Micro, p30	Inc Amylase Radial Diffusion		
VUGXJ3					
Item 3	Pos KM	Neg AP	NT		
Item 4	Pos KM	Neg AP	NT		
VW7QFZ					
Item 3	Pos LMG, HT	Neg AP	NT		
Item 4	Pos LMG, HT	Neg AP	NT		
VW897P					
Item 3	Pos KM	Neg AP, ALS	NT		
Item 4	Pos KM	Neg AP, ALS	NT		
VZNCH2					
Item 3	Pos O-tol	Neg AP	Neg RSID		
Item 4	Pos O-tol	Neg AP	Neg RSID		
W2WWT8					
Item 3	Pos KM, Takayama	Neg AP	NT		
Item 4	Pos KM, Takayama	Neg AP	NT		



TABLE 1

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
W4JMQ7					
Item 3	Pos Hemastix, HemaTrace	Neg AP, PSA, Micro	Neg RSID		
Item 4	Pos Hemastix, HemaTrace	Neg AP, PSA, Micro	Neg RSID		
W4KD4F					
Item 3	Pos Phenolphthalin, TMB	Neg ALS, AP, Micro, PSA	NT		
Item 4	Pos Phenolphthalin, TMB	Neg ALS, AP, Micro, PSA	NT		
W69T9G					
Item 3	Pos KM	Neg AP, ALS	NT		
Item 4	Pos KM	Neg AP, ALS	NT		
WA7396					
Item 3	Pos LMG	Neg AP, PSA, Micro	NT		
Item 4	Pos LMG	Neg AP, PSA, Micro	NT		
WA7YHZ					
Item 3	Pos O-tol				
Item 4	Pos O-tol	Neg AP			
WC3KZD					
Item 3	Pos KM	Neg ALS, AP	NT		
Item 4	Pos KM	Neg ALS, AP	NT		
WGL7C4					
Item 3	Pos KM, HemaTrace	Neg AP	NT		
Item 4	Pos KM, HemaTrace	Neg AP	NT		
WHKNJU					
Item 3	Pos KM, OBTI	Neg ALS, AP	NT		
Item 4	Pos KM, OBTI	Neg ALS, AP	NT		
WHVTTC					
Item 3	Pos KM	Neg AP, Micro for Sperm	Neg Micro for e. cells, Amylase		
Item 4	Pos KM	Neg AP, Micro for Sperm	Neg Micro for e. cells, Amylase		
WJFPHC					
Item 3	Pos KM	Neg AP	NT		
Item 4	Pos KM	Neg AP	NT		
WJPM88					
Item 3	Pos LMG, HemaTrace	Neg AP	NT		
Item 4	Pos LMG, HemaTrace	Neg AP	NT		

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
WK62DB				
Item 3	Pos TMB	Neg AP, ALS, PSA, Micro	NT	
Item 4	Pos TMB	Neg AP, ALS, PSA, Micro	NT	
WK6MNC				
Item 3	Pos KM	Neg AP, PSA	NT	
Item 4	Pos KM	Neg AP, PSA	NT	
WME462				
Item 3	Pos KM, Takayama, HemDirect	Neg ALS, AP, Micro	Neg Amylase Diffusion	
Item 4	Pos KM, Takayama, HemDirect	Neg ALS, AP, Micro	Neg Amylase Diffusion	
WNAPW8				
Item 3	Pos KM, Takayama	NT	NT	
Item 4	Pos KM, Takayama	NT	NT	
WNUCJV				
Item 3	Pos KM, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos KM, HemaTrace	Neg ALS, AP	NT	
WPXQBN				
Item 3	Pos KM	Neg ALS, AP	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
WQ8XEG				
Item 3	Pos LMG, RSID-B	Neg AP, Mic, RSID-Se	Neg RSID-Sa	
Item 4	Pos LMG, RSID-B	Neg AP, Mic, RSID-Se	Neg RSID-Sa	
WRNM29				
Item 3	Pos KM, Takayama	NT	NT	
Item 4	Pos KM, Takayama	NT	NT	
WUYBW7				
Item 3	Pos LMG	NT	NT	
Item 4	Pos LMG	NT	NT	
WXWTXE				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
WZGED3				
Item 3	Pos O-tol	Neg AP, ALS, Micro, p30 (PSA)	Amylase, ALS	
Item 4	Pos O-tol	Neg AP, Micro, PSA, ALS	Amylase, ALS	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
X3GEXC				
Item 3	Pos Phenolphthalein (KM), HemaTrace	Neg ALS, AP	Neg ALS, RSID-Saliva	
Item 4	Pos Phenolphthalein (KM), HemaTrace	Neg ALS, AP	Neg ALS, RSID-Saliva	
X3H6AM				
Item 3	Pos TMB, PHT	Neg AP, ALS	NT	Human, Pos HemaTrace
Item 4	Pos TMB, PHT	Neg AP, ALS	NT	Human, Pos HemaTrace
X6RLFR				
Item 3	Pos KM, Human	Neg ALS, AP, Micro	NT	
Item 4	Pos KM, Human	Neg ALS, AP, Micro	NT	
X96CVV				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
XALYEF				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	
XAURL6				
Item 3	Pos KM, Takayama	Neg AP, Micro, p30	Inc Amylase Radial Diffusion	
Item 4	Pos KM, Takayama	Neg AP, Micro, p30	Inc Amylase Radial Diffusion	
XAZWKF				
Item 3	Pos KM	Neg AP, PSA	NT	
Item 4	Pos KM	Neg AP, PSA	NT	
XB3ACM				
Item 3	Pos O-tol	Neg AP	Neg Phadebas	
Item 4	Pos O-tol	Neg AP	NT	
XC7LHH				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
XDGXHD				
Item 3	Pos TMB	Neg ALS, AP, Micro	NT	
Item 4	Pos TMB	Neg ALS, AP, Micro	NT	

TABLE 1

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
XFBXUQ					
Item 3	Pos KM	Neg AP	NT		
Item 4	Pos KM	Neg AP	NT		
XFJH8R					
Item 3	Pos KM	Neg ALS, Micro, AP, PSA	Neg Amylase		
Item 4	Pos KM	Neg ALS, Micro, AP, PSA	Neg Amylase		
XHUPP7					
Item 3	Pos KM	Neg AP	Neg RSID-Saliva		
Item 4	Pos KM	Neg AP	Neg RSID-Saliva		
XJ4DPQ					
Item 3	NT	Neg AP, PSA, Micro	NT		
Item 4	NT	Neg AP	NT		
XJQY4G					
Item 3	Pos KM, HemaTrace	Neg AP	NT		
Item 4	Pos KM, HemaTrace	Neg AP	NT		
XKQXDH					
Item 3	Pos KM, HemDirect	Neg PSA, AP, Micro, ALS	NT		
Item 4	Pos KM, HemDirect	Neg PSA, AP, Micro, ALS	NT		
XMPE9X					
Item 3	Pos O-tol	Neg ALS, AP	NT		
Item 4	Pos O-tol	Neg ALS, AP	Neg ALS, RSID		
XTCDPY					
Item 3	Pos KM	Neg ALS, AP, Micro	Neg Phadebas	Human DNA, Pos Quant Duo	
Item 4	Pos KM	Neg ALS, AP, Micro	Neg Phadebas	Human DNA, Pos Quant Duo	
XUD2C4					
Item 3	Pos KM	Neg AP, PSA	Neg Phadebas	Blood, Pos HemaTrace	
Item 4	Pos KM	Neg AP, PSA	Neg Phadebas	Blood, Pos HemaTrace	
XX9YHM					
Item 3	Pos KM, Seratec HemDirect	Neg AP, ALS, Micro	Neg RSID-Saliva		
Item 4	Pos KM, Seratec HemDirect	Neg AP, ALS, Micro	NT		
XXAPVW					
Item 3	Pos KM	Neg AP	NT		
Item 4	Pos KM	Neg AP	NT		

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
XYKJHJ				
Item 3	Pos TMB	Neg ALS, AP	NT	
Item 4	Pos TMB	Neg ALS, AP	NT	
XYMF3F				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Neg AP	NT	
Y36NYU				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
Y3FAAB				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	Neg ALS, AP, PSA	NT	
Y4PGC4				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Neg AP	NT	
Y6644B				
Item 3	Pos KM, HemDirect	Neg ALS, AP, Micro	Neg RSID-Saliva	
Item 4	Pos KM, HemDirect	Neg ALS, AP, Micro	Neg RSID-Saliva	
Y66W44				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
Y8XVAF				
Item 3	Pos KM	Neg PSA, Micro	NT	
Item 4	Pos KM	Neg PSA, Micro	NT	
YAX3H7				
Item 3	Pos KM	Neg ALS, AP	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
YB62DU				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
YC8PZZ				
Item 3	Pos KM	Neg AP, Micro	Neg Phadebas	
Item 4	Pos KM	Neg AP, Micro	Neg Phadebas	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
YCTJXA				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
YCYFTD				
Item 3	Pos KM	Neg AP	Neg RSID	
Item 4	Pos KM	Neg AP	Neg RSID	
YD3RV2				
Item 3	Pos O-tol	Neg AP	NT	
Item 4	Pos O-tol	Neg AP	NT	
YEVKY8				
Item 3	Pos KM, Takayama	Neg AP	NT	
Item 4	Pos KM, Takayama	Neg AP	NT	
YGKVRK				
Item 3	Pos LMG, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos LMG, HemaTrace	Neg ALS, AP	NT	
YHRRYP				
Item 3	Pos KM	Neg ALS, AP, PSA, Micro	Neg Amylase	
Item 4	Pos KM	Neg ALS, AP, PSA, Micro	Neg Amylase	
YJDQMU				
Item 3	Pos TMB	NT	NT	
Item 4	Pos TMB	NT	NT	
YLWPY4				
Item 3	Pos KM, HemaTrace	Neg AP, p30	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, p30	Neg Phadebas	
YM4T39				
Item 3	Pos KM	Neg AP, Micro	Neg Amylase, Micro	
Item 4	Pos KM	Neg AP, Micro	Neg Amylase, Micro	
YP9J9N				
Item 3	Pos KM, OBTI	Neg ALS, AP, Micro, PSA	Neg Phadebas	
Item 4	Pos KM, OBTI	Neg ALS, AP, Micro, PSA	Neg Phadebas	

TABLE 1

		Fluid ID			
Webcode	Blood	Semen	Saliva	Other	
YPEYX3					
Item 3	Pos KM, Takayama and HemaTrace	Neg AP, Micro and PSA	Neg Phadebas and RSID-Saliva	Human Origin, Pos Plexor HY	
Item 4	Pos KM, Takayama and HemaTrace	Neg AP, Micro and PSA	Neg Phadebas and RSID-Saliva	Human Origin, Pos Plexor HY	
YQ249F					
Item 3	Pos KM	NT	NT	Blood, Pos HemaTrace (Human presumptive)	
Item 4	Pos KM	NT	NT	Blood, Pos HemaTrace (Human presumptive)	
YTBUCV					
Item 3	Pos O-tol	NT	NT		
Item 4	Pos O-tol	NT	NT		
YUDEJX					
Item 3	Pos KM, O-tol	NT	NT		
Item 4	Pos KM, O-tol	NT	NT		
YUGTDB					
Item 3	Pos KM	Neg AP, ALS	NT		
Item 4	Pos KM	Neg AP, ALS	NT		
YWQ86W					
Item 3	Pos TMB & HemaTrace	Neg AP & ALS	NT		
Item 4	Pos TMB & HemaTrace	Neg AP & ALS	NT		
YYDJFG					
Item 3	Pos KM, HemaTrace	NT	NT		
Item 4	Pos KM, HemaTrace	NT	NT		
Z4E4XD					
Item 3	Pos O-tol, RSID	Neg AP, ALS	Neg Amylase gel Diffusion, ALS		
Item 4	Pos O-tol, RSID	Neg AP	Neg Amylase gel Diffusion	Semen/saliva, Pos ALS	
Z4NQYT					
Item 3	Pos LMG, HT	Neg AP	NT		
Item 4	Pos LMG, HT	Neg AP	NT		
Z9UNZK					
Item 3	Pos RSID	Neg RSID	Neg RSID		
Item 4	Pos RSID	Neg RSID	Neg RSID		

TABLE 1

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
ZCNL36					
Item 3	Pos KM, Takayama	Neg AP	NT		
Item 4	Pos KM, Takayama	Neg AP	NT		
ZDHHDK					
Item 3	Pos TMB	Neg ALS, AP	NT		
Item 4	Pos TMB	Neg ALS, AP	NT		
ZEC3NX					
Item 3	Pos PPTH, O-tol, Red/brown	Neg AP, Micro	NT		
Item 4	Pos PPTH, O-tol, Red/brown	Neg AP, Micro	NT		
ZGB4RU					
Item 3	Pos HemaTrace ABACard	Neg p30, Micro	NT		
Item 4	Pos HemaTrace ABACard	Neg p30, Micro	NT		
ZH9TCW					
Item 3	Pos O-tol, HT	NT	NT		
Item 4	Pos O-tol, HT	NT	NT		
ZHUBKC					
Item 3	Pos KM, HemaTrace	Neg AP	NT		
Item 4	Pos KM, HemaTrace	Neg AP	NT		
ZJETFX					
Item 3	NT	NT	NT		Human, Pos Quant Duo
Item 4	NT	NT	NT		Human, Pos Quant Duo
ZLUG8V					
Item 3	Pos KM	NT	NT		
Item 4	Pos KM	NT	NT		
ZM2TQR					
Item 3	Pos KM, HemaTrace	Neg AP	NT		
Item 4	Pos KM, HemaTrace	Neg AP	NT		
ZTCWRR					
Item 3	Pos Hemastix and HemaTrace	Neg p30/PSA	Neg RSID-Saliva		
Item 4	Pos Hemastix and HemaTrace	Neg p30/PSA	Neg RSID-Saliva		



TABLE 1

		Fluid ID		
Webcode	Blood	Semen	Saliva	Other
ZTLH29				
Item 3	Pos KM	Neg AP, Micro for Sperm	Neg Radial Diffusion for Amylase, Micro for epithelial cells	
Item 4	Pos KM	Neg AP, Micro for Sperm	Neg Radial Diffusion for Amylase, Micro for epithelial cells	
ZV7LHT				
Item 3	Pos HemaTrace	NT	NT	
Item 4	Pos HemaTrace	NT	NT	

**Table 1: Serology Screening Response Summary** **Item 3** **Participants: 605**

ITEM 3:	<u>Blood</u>	<u>Semen</u>	<u>Saliva</u>
Positive	<b>601</b>	<b>0</b>	<b>1</b>
Negative	<b>0</b>	<b>437</b>	<b>151</b>
Inconclusive	<b>0</b>	<b>0</b>	<b>7</b>
Not Tested (NT)	<b>4</b>	<b>164</b>	<b>429</b>
Not Reported	<b>0</b>	<b>4</b>	<b>17</b>

**Table 1: Serology Screening Response Summary** **Item 4** **Participants: 605**

ITEM 4:	<u>Blood</u>	<u>Semen</u>	<u>Saliva</u>
Positive	<b>601</b>	<b>0</b>	<b>1</b>
Negative	<b>0</b>	<b>444</b>	<b>149</b>
Inconclusive	<b>0</b>	<b>1</b>	<b>7</b>
Not Tested (NT)	<b>4</b>	<b>157</b>	<b>428</b>
Not Reported	<b>0</b>	<b>3</b>	<b>20</b>

# Amplification Kit(s) & STR Results

TABLE 2

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

**Item 1 - STR Results**

22JXJ7	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8		16,17
<hr/>							
22JZAB	Identifiler® Plus, MiniFiler						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8		16,17
<hr/>							
22ZA4W	Identifiler®						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
				7,9.3	8		16,17
<hr/>							
23LH7Z	Identifiler®						
	1	-	21,22	-	16,18	12	10,11
		14	-	-	13,14	11,12	13,16
		14,15	28,31.2	-	X,Y	10,12	24
	-	-	-	7,9.3	8		16,17
<hr/>							
23RK6K	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8		16,17
<hr/>							
24M7T6	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8		16,17
<hr/>							
29XTEE	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8		16,17

TABLE 2

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

Item 1 - STR Results

29YDWV	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
2AEWDZ	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
2ANKE8	Identifiler® Identifiler Plus						
	1	n/a	21,22	n/a	16,18	12,12	10,11
		14,14	n/a	n/a	13,14	11,12	13,16
		14,15	28,31.2	n/a	X,Y	10,12	24,24
		n/a	n/a	n/a	7,9.3	8,8	16,17
2CDL3M	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
2CGUQE	PowerPlex® 16 HS, Fusion						
	1	12	21,22	10,11	16,18	12	10,11
		14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
2DRQ2K	Identifiler®						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
2FUNDY	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17

TABLE 2

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

Item 1 - STR Results

2GQCK2	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
2HHW49	Identifiler®						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
				7,9.3	8	16,17	
2HLMNQ	Identifiler®						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8	16,17	
2JJ26G	Identifiler® Plus, MiniFiler						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
				7,9.3	8	16,17	
2MWXKQ	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
				7,9.3	8	16,17	
2P42J9	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
2QEPKF	GlobalFiler						
	1	12	21,22	10,11	16,18	12	10,11
		14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24
		-	-	19,21	7,9.3	8	16,17

TABLE 2

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

Item 1 - STR Results

2RCCDR	Identifiler®						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
2RUAN4	PowerPlex® PP16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
2TWYJE	Identifiler® , NGM						
	1	12	21,22	10,11	16,18	12	10,11
		14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24
					7,9.3	8	16,17
2VL62Q	Identifiler® and ID Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
2XG7HK	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
2XMB24	Identifiler® Plus						
	1	-	21,22	-	16,18	12	10,11
		14	-	-	13,14	11,12	13,16
		14,15	28,31.2	-	X,Y	10,12	24
		-	-	-	7,9.3	8	16,17
2YUMP8	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 1 - STR Results</b>							
32TCHZ	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
32U826	PowerPlex® Fusion						
	1	12	21,22	10,11	16,18	12	10,11
		14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
34KLC2	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
36F3T6	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
37QYZU	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
37TKXV	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
37TMMZ	Identifiler® Plus						
	1	NA	21,22	NA	16,18	12,12	10,11
		14,14	NA	NA	13,14	11,12	13,16
		14,15	28,31.2	NA	X,Y	10,12	24,24
		NA	NA	NA	7,9.3	8,8	16,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA
<b>Item 1 - STR Results</b>							
38XMHZ	PowerPlex® 16						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
39BVLY	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
3CJTQ3	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
3CQZ3N	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
3DCM8J	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
3F6J2X	PowerPlex® 18D						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
		9,15	11,>24		7,9.3	8	16,17
3LEPVH	Identifiler®						
	1	-	21,22	-	16,18	12	10,11
		14	-	-	13,14	11,12	13,16
		14,15	28,31.2	-	X,Y	10,12	24
		-	-	-	7,9.3	8	16,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 1 - STR Results</b>							
3MHNPX	Identifiler® Identifiler Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
3MUVNE	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
3REAFZ	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
3UVA6A	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
3V6CVE	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
3WCA8N	Identifiler Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
3X2XDQ	Identifiler Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17



TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 1 - STR Results</b>							
3XEHUF	PowerPlex® HS, Fusion						
	1	12	21,22	10,11	16,18	12	10,11
		14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
46A8M4	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
499JKP	Identifiler®						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
4AJ6WQ	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
4DMWMW	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
4DMZXZ	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
4G2PBG	Identifiler®						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 1 - STR Results</b>							
4GPUZB	Identifiler® Plus, MiniFiler						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
4HXBQU	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
4J6Y4T	Identifiler® , MiniFiler						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
4LUXGW	Identifiler®						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
4LZZJN	PowerPlex® 16 HS						
	1				16,18	12,12	10,11
		14,14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24,24
		9,15	11,25		7,9.3	8,8	16,17
4NJAG3	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
4P23QC	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17

TABLE 2

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

Item 1 - STR Results

4QQBGF	Identifiler®						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8	16,17	
4RHZR3	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8	16,17	
4TD2T6	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
4V3AYZ	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8	16,17	
626FWW	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8	16,17	
62QF6Z	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
				7,9.3	8	16,17	
664ATJ	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
				7,9.3	8	16,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 1 - STR Results</b>							
66JYU7	Identifiler®						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
6AKLWF	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
6BGTE8	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
6JFGJ4	Identifiler®						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
6KJBPA	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
6PQTWP	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
6PW4NF	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 1 - STR Results</b>							
6RHG6R	Identifiler®						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
6VZ38R	PowerPlex® Fusion, 16 HS						
	1	12,12	21,22	10,11	16,18	12,12	10,11
		14,14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24,24
		9,15	11,25		7,9.3	8,8	16,17
6WVHLA	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
6YXXZM	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
6ZG96R	Identifiler® Plus, MiniFiler						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
744NM7	PowerPlex® Fusion, PowerPlex 16 HS						
	1	12	21,22	10,11	16,18	12	10,11
		14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
767ERT	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17

TABLE 2

<b>WebCode</b>	<b>Item</b>	<b>D1S1656</b> <b>D8S1179</b> <b>D19S433</b> <b>Penta D</b>	<b>D2S1338</b> <b>D10S1248</b> <b>D21S11</b> <b>Penta E</b>	<b>D2S441</b> <b>D12S391</b> <b>D22S1045</b> <b>SE33</b>	<b>D3S1358</b> <b>D13S317</b> <b>Amelogenin</b> <b>TH01</b>	<b>D5S818</b> <b>D16S539</b> <b>CSF1PO</b> <b>TPOX</b>	<b>D7S820</b> <b>D18S51</b> <b>FGA</b> <b>vWA</b>
<b>Item 1 - STR Results</b>							
76X9DB	Identifiler®						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
79WZRZ	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
7AJVLQ	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
7DGHUL	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
7ERGAN	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
7F2FFQ	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
7GXT64	PowerPlex® 18D						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
		9,15	11,>24		7,9.3	8	16,17

TABLE 2

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

Item 1 - STR Results

7JKJ33	Identifiler®						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
				7,9.3	8	16,17	
7JU83M	COfiler® and Profiler Plus®						
	1				16,18	12,12	10,11
		14,14			13,14		13,16
			28,31.2		X,Y		24,24
						16,17	
7JU849	PowerPlex® 16						
	1	Not Tested	Not Tested	Not Tested	16,18	12,12	10,11
		14,14	Not Tested	Not Tested	13,14	11,12	13,16
		Not Tested	28,31.2	Not Tested	X,Y	10,12	24,24
	9,15	11,25	Not Tested	7,9.3	8,8	16,17	
7KAPKD	Identifiler®						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8	16,17	
7KJLZ	Identifiler®						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8	16,17	
7KYU8L	GLOBALFILER						
	1	12,12	21,22	10,11	16,18	12,12	10,11
		14,14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24,24
			19,21	7,9.3	8,8	16,17	
7T9APU	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
				7,9.3	8	16,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 1 - STR Results</b>							
7TJWVP	Identifiler®						
	1	N/A	21,22	N/A	16,18	12,12	10,11
		14,14	N/A	N/A	13,14	11,12	13,16
		14,15	28,31.2	N/A	X,Y	10,12	24,24
		N/A	N/A	N/A	7,9.3	8,8	16,17
7TKQHG	PowerPlex® 16						
	1	N/A	N/A	N/A	16,18	12,12	10,11
		14,14	N/A	N/A	13,14	11,12	13,16
		N/A	28,31.2	N/A	X,Y	10,12	24,24
		9,15	11,25	N/A	7,9.3	8,8	16,17
7UVMVX	Identifiler® Plus						
	1	-	21,22	-	16,18	12	10,11
		14	-	-	13,14	11,12	13,16
		14,15	28,31.2	-	X,Y	10,12	24
		-	-	-	7,9.3	8	16,17
7VHCR7	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
7XVW3U	Identifiler®						
	1	-	21,22	-	16,18	12	10,11
		14	-	-	13,14	11,12	13,16
		14,15	28,31.2	-	X,Y	10,12	24
		-	-	-	7,9.3	8	16,17
86DPTJ	Identifiler® Plus, Direct, MiniFiler						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
8BLQC3	Identifiler®						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17



TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 1 - STR Results</b>							
8KAU7M	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
8PH6AB	PowerPlex® 18D						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
		9,15	11,>24		7,9.3	8	16,17
8QBVMG	PowerPlex® 21						
	1	12,12	21,22	-	16,18	12,12	10,11
		14,14	-	18,19	13,14	11,12	13,16
		14,15	28,31.2	-	X,Y	10,12	24,24
		9,15	11,25	-	7,9.3	8,8	16,17
8QHXHR	Identifiler® Direct						
	1	-	21,22	-	16,18	12	10,11
		14	-	-	13,14	11,12	13,16
		14,15	28,31.2	-	X,Y	10,12	24
		-	-	-	7,9.3	8	16,17
8UGC4K	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
8UNVAH	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
8W4PNU	Identifiler® Plus						
	1	no profile	21,22	no profile	16,18	12,12	10,11
		14,14	no profile	no profile	13,14	11,12	13,16
		14,15	28,31.2	no profile	X,Y	10,12	24,24
		no profile	no profile	no profile	7,9.3	8,8	16,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 1 - STR Results</b>							
8WKEJN	IDENTIFILER Plus						
	1	NA	21,22	NA	16,18	12	10,11
		14	NA	NA	13,14	11,12	13,16
		14,15	28,31.2	NA	X,Y	10,12	24
		NA	NA	NA	7,9.3	8	16,17
8XHW66	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
8XUM22	PowerPlex® Fusion, PP16 HS (Data Review)						
	1	12	21,22	10,11	16,18	12	10,11
		14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
8ZLTA6	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
8ZRUPD	GlobalFiler						
	1	12,12	21,22	10,11	16,18	12,12	10,11
		14,14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24,24
				19,21	7,9.3	8,8	16,17
94E8J9	Identifiler® Identifiler Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
94TAU9	Identifiler® Identifiler Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 1 - STR Results</b>							
97K7M9	Identifiler®						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
9AGUZA	PowerPlex® 16 HS, PowerPlex® ESX17						
	1	12,12	21,22	10,11	16,18	12,12	10,11
		14,14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24,24
		9,15	11,25	19,21	7,9.3	8,8	16,17
9CEJY4	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
9CFA2R	GlobalFiler Express						
	1	12,12	21,22	10,11	16,18	12,12	10,11
		14,14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24,24
				19,21	7,9.3	8,8	16,17
9CP389	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
9CY8DR	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
9EWECF	PowerPlex® ESI-17 Fast, ESX-17 Fast						
	1	12	21,22	10,11	16,18		
		14	13,15	18,19		11,12	13,16
		14,15	28,31.2	11,16	X,Y		24
				19,21	7,9.3		16,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA
<b>Item 1 - STR Results</b>							
9GTW3C	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
9H24FJ	Identifiler®						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
9HMRHT	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
9J37U9	Identifiler® Direct						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
9J97HH	Identifiler® Plus, Direct, MiniFiler						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
9KWRL	COfiler® and Profiler Plus® profiler® Plus, Identifiler® Plus, MiniFiler						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
9M46ME	Identifiler® Plus, PowerPlex® 16						
	1	N/A	21,22	N/A	16,18	12,12	10,11
		14,14	N/A	N/A	13,14	11,12	13,16
		14,15	28,31.2	N/A	X,Y	10,12	24,24
		9,15	11,25	N/A	7,9.3	8,8	16,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 1 - STR Results</b>							
9MACV3	Identifiler®						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
9MUFK9	Identifiler® Identifiler Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
9MYRLC	GlobalFiler™						
	1	12,12	21,22	10,11	16,18	12,12	10,11
		14,14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24,24
				19,21	7,9.3	8,8	16,17
9RDDNQ	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
9VBZY7	Identifiler® Plus, MiniFiler						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
9VLFZF	Identifiler® , GoldenEye 20A						
	1		21,22		16,18	12	10,11
		14		18,19	13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
9W27BQ	PowerPlex® HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17

TABLE 2

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

9WEMHC	Identifiler®						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
				7,9.3	8	16,17	
9XTNBL	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
				7,9.3	8	16,17	
9Y4N8F	Identifiler®						
	1	NA	21,22	NA	16,18	12	10,11
		14	NA	NA	13,14	11,12	13,16
		14,15	28,31.2	NA	X,Y	10,12	24
		NA	NA	NA	7,9.3	8	16,17
9YRFBJ	PowerPlex® 16 HS						
	1				16,18	12,12	10,11
		14,14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24,24
		9,15	11,25		7,9.3	8,8	16,17
9ZQEUR	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8	16,17	
A2LVZT	PowerPlex® Fusion						
	1	12	21,22	10,11	16,18	12	10,11
		14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
A3DABJ	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
				7,9.3	8	16,17	

TABLE 2

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

Item 1 - STR Results

A3GFQY	Identifiler Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8		16,17
A3Z3LA	Identifiler®						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
				7,9.3	8		16,17
A7F4EF	Identifiler® Direct, Plus, MiniFiler						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
				7,9.3	8		16,17
AFLXNM	Identifiler® , MiniFiler						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8		16,17
AG74BX	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
AH2QYN	Identifiler Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8		16,17
AMWCXD	Identifiler® Plus, PowerPlex® 18D						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
		9,15	11,>24		7,9.3	8	16,17

TABLE 2

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

Item 1 - STR Results

APCKNJ	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8		16,17
AT2BA3	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
				7,9.3	8		16,17
ATR6LR	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
				7,9.3	8		16,17
ATWCW2	Identifiler® Plus						
	1	-	21,22	-	16,18	12,12	10,11
		14,14	-	-	13,14	11,12	13,16
		14,15	28,31.2	-	X,Y	10,12	24,24
				7,9.3	8,8		16,17
AURV2M	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8		16,17
AV3JBR	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
				7,9.3	8		16,17
		9,15	11,25				
AZY63U	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
				7,9.3	8		16,17
		9,15	11,25				



TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA
<b>Item 1 - STR Results</b>							
B2A4YP	Globalfiler Express						
	1	12,12	21,22	10,11	16,18	12,12	10,11
		14,14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24,24
				19,21	7,9.3	8,8	16,17
B3U8FA	Identifiler®						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
B6U3LK	Identifiler® Plus, MiniFiler						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
B7YQN3	Identifiler® Plus, MiniFiler						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
B8GLMH	PowerPlex® PP21						
	1	12,12	21,22		16,18	12,12	10,11
		14,14		18,19	13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
		NR	11,25		7,9.3	8,8	16,17
B8YVCC	COfiler® and Profiler Plus® Profiler Plus, Identifiler® Plus, MiniFiler						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
BADZJ2	Globalfiler						
	1	12,12	21,22	10,11	16,18	12,12	10,11
		14,14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24,24
				19,21	7,9.3	8,8	16,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 1 - STR Results</b>							
BAGHL7	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
BGFQ3B	Identifiler® Identifiler Plus, PowerPlex® PowerPlex® 18D						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
		9,15	11,>24		7,9.3	8	16,17
BGNJ9Z	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
BGZ7FT	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
BHPN68	Identifiler®						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
BHTQ2L	Identifiler® Direct						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
BHUVZA	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 1 - STR Results</b>							
BLA4QF	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
BLVRRP	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
BN6UM2	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
BNYQPB	Identifiler®						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
BP9V4Y	PowerPlex® Fusion						
	1	12	21,22	10,11	16,18	12	10,11
		14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
BPTLZQ	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
BRJP3X	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17

TABLE 2

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

Item 1 - STR Results

BT2J6T	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
				7,9.3	8	16,17	
BWH3PN	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8	16,17	
BWX6WW	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8	16,17	
BXRZDD	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
BYGH3R	ID+						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
				7,9.3	8	16,17	
BYKXGD	Identifiler® Plus, PowerPlex® 18D						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
		9,15	11,>24		7,9.3	8	16,17
BYLL6J	PowerPlex® 16 HS						
	1				16,18	12,12	10,11
		14,14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24,24
		9,15	11,25		7,9.3	8,8	16,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA
<b>Item 1 - STR Results</b>							
BZXD27	Identifiler® Direct						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
C2684J	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
C2YHJE	Identifiler® ID and Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
C62TX8	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
C7CCHJ	Identifiler® Plus						
	1	N/A	21,22	N/A	16,18	12,12	10,11
		14,14	N/A	N/A	13,14	11,12	13,16
		14,15	28,31.2	N/A	X,Y	10,12	24,24
		N/A	N/A	N/A	7,9.3	8,8	16,17
CA86DZ	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
CACG8X	PowerPlex® Fusion						
	1	12,12	21,22	10,11	16,18	12,12	10,11
		14,14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24,24
		9,15	11,25	-	7,9.3	8,8	16,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 1 - STR Results</b>							
CCNPN4	Identifiler® Direct						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
CDGEZK	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
CDJAFA	Identifiler® +						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
CM6F7L	Identifiler[sic] Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
CMHY6X	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
CMWUKT	PowerPlex® Fusion						
	1	12	21,22	10,11	16,18	12	10,11
		14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
CPCTUE	GlobalFiler						
	1	12,12	21,22	10,11	16,18	12,12	10,11
		14,14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24,24
				19,21	7,9.3	8,8	16,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 1 - STR Results</b>							
CVCNN2	Identifiler® Direct, PowerPlex® ESX 17						
	1	12,12 14,14 14,15	21,22	10,11 18,19 11,16 19,21	16,18 13,14 X,Y 7,9.3	12,12 11,12 10,12 8,8	10,11 13,16 24,24 16,17
CVF7Q8	Identifiler® Plus						
	1	14,14 14,15	21,22		16,18 13,14 X,Y 7,9.3	12,12 11,12 10,12 8,8	10,11 13,16 24,24 16,17
CWABJY	Identifiler® Plus						
	1	14 14,15	21,22		16,18 13,14 X,Y 7,9.3	12 11,12 10,12 8	10,11 13,16 24 16,17
CWNCY2	Identifiler® Plus						
	1	14,14 14,15	21,22		16,18 13,14 X,Y 7,9.3	12,12 11,12 10,12 8,8	10,11 13,16 24,24 16,17
CXJXQ8	Identifiler®						
	1	14,14 14,15	21,22		16,18 13,14 X,Y 7,9.3	12,12 11,12 10,12 8,8	10,11 13,16 24,24 16,17
D2XYFC	Identifiler® Plus						
	1	14,14 14,15	21,22		16,18 13,14 X,Y 7,9.3	12,12 11,12 10,12 8,8	10,11 13,16 24,24 16,17
D9TZF2	Identifiler® Plus						
	1	14,14 14,15	21,22		16,18 13,14 X,Y 7,9.3	12,12 11,12 10,12 8,8	10,11 13,16 24,24 16,17

TABLE 2

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

Item 1 - STR Results

DARM7T	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
DBHEVY	Identifiler® Plus, PowerPlex® HS						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
DC7Z6N	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
DHJLKZ	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
DJ3PTE	Identifiler®						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
DKN4RH	Identifiler®						
	1	N/A	21,22	N/A	16,18	12,12	10,11
		14,14	N/A	N/A	13,14	11,12	13,16
		14,15	28,31.2	N/A	X,Y	10,12	24,24
		N/A	N/A	N/A	7,9.3	8,8	16,17
DP3KZR	PowerPlex® Fusion						
	1	12	21,22	10,11	16,18	12	10,11
		14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17



TABLE 2

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

Item 1 - STR Results

DQHPQ4	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
DURCEV	Identifiler®						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
DXMCT6	Identifiler® Direct						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
DXY3P3	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
DZNEK2	Identifiler® Plus, MiniFiler						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
E34WWX	PowerPlex® Fusion						
	1	12,12	21,22	10,11	16,18	12,12	10,11
		14,14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24,24
		9,15	11,25	-	7,9.3	8,8	16,17
E6YTZ6	GLOBALFILER						
	1	12,12	21,22	10,11	16,18	12,12	10,11
		14,14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24,24
				19,21	7,9.3	8,8	16,17

TABLE 2

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

Item 1 - STR Results

E7A4QC	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8	16,17	
E8G6MN	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
ECJUH3	Identifiler® Direct						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
				7,9.3	8	16,17	
ED8EUZ	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
EGYELV	PowerPlex® Fusion						
	1	12,12	21,22	10,11	16,18	12,12	10,11
		14,14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24,24
		9,15	11,25	-	7,9.3	8,8	16,17
ENN27M	PowerPlex® 16 HS						
	1	N/A	N/A	N/A	16,18	12	10,11
		14	N/A	N/A	13,14	11,12	13,16
		N/A	28,31.2	N/A	X,Y	10,12	24
		9,15	11,25	N/A	7,9.3	8	16,17
ENN7FP	Identifiler Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
				7,9.3	8	16,17	

TABLE 2

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

Item 1 - STR Results

EPTL62	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
				7,9.3	8	16,17	
EPXW4T	Identifiler®						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
				7,9.3	8	16,17	
EUCCXR	Identifiler® Plus						
	1	-	21,22	-	16,18	12	10,11
		14	-	-	13,14	11,12	13,16
		14,15	28,31.2	-	X,Y	10,12	24
				7,9.3	8	16,17	
EUWJ4F	GlobalFiler Express						
	1	12	21,22	10,11	16,18	12	10,11
		14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24
			19,21	7,9.3	8	16,17	
EVZT6E	Identifiler® , Identifiler Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8	16,17	
EX93XB	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8	16,17	
EXRHBX	Identifiler® Plus, MiniFiler						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8	16,17	

TABLE 2

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

Item 1 - STR Results

EZFARP	Identifiler® Plus						
	1	-	21,22	-	16,18	12,12	10,11
		14,14	-	-	13,14	11,12	13,16
		14,15	28,31.2	-	X,Y	10,12	24,24
		-	-	-	7,9.3	8,8	16,17
EZK827	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
F2K BXF	Identifiler®						
	1	N/A	21,22	N/A	16,18	12,12	10,11
		14,14	N/A	N/A	13,14	11,12	13,16
		14,15	28,31.2	N/A	X,Y	10,12	24,24
		N/A	N/A	N/A	7,9.3	8,8	16,17
F42ZHQ	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
F6M2BM	PowerPlex® 16						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
F6UVY9	PowerPlex® 16 HS						
	1	not tested	not tested	not tested	16,18	12	10,11
		14	not tested	not tested	13,14	11,12	13,16
		not tested	28,31.2	not tested	X,Y	10,12	24
		9,15	11,25	not tested	7,9.3	8	16,17
F8D WXZ	Identifiler® Plus, MiniFiler						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17

TABLE 2

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

Item 1 - STR Results

F8DYM6	PowerPlex® Fusion	1	12	21,22	10,11	16,18	12	10,11
			14	13,15	18,19	13,14	11,12	13,16
			14,15	28,31.2	11,16	X,Y	10,12	24
			9,15	11,25		7,9.3	8	16,17
F9FDKY	Identifiler® Direct	1		21,22		16,18	12	10,11
			14			13,14	11,12	13,16
			14,15	28,31.2		X,Y	10,12	24
						7,9.3	8	16,17
FD3XZU	Identifiler® Plus	1		21,22		16,18	12,12	10,11
			14,14			13,14	11,12	13,16
			14,15	28,31.2		X,Y	10,12	24,24
						7,9.3	8,8	16,17
FD3ZPX	PowerPlex® Fusion	1	12	21,22	10,11	16,18	12	10,11
			14	13,15	18,19	13,14	11,12	13,16
			14,15	28,31.2	11,16	X,Y	10,12	24
			9,15	11,25		7,9.3	8	16,17
FDKG47	PowerPlex® 16 HS	1	-	-	-	16,18	12	10,11
			14	-	-	13,14	11,12	13,16
			-	28,31.2	-	X,Y	10,12	24
			9,15	11,25	-	7,9.3	8	16,17
FKJFBG	Identifiler® Plus	1	-	21,22	-	16,18	12	10,11
			14	-	-	13,14	11,12	13,16
			14,15	28,31.2	-	X,Y	10,12	24
			-	-	-	7,9.3	8	16,17
FN24ZZ	Identifiler® Plus	1		21,22		16,18	12,12	10,11
			14,14			13,14	11,12	13,16
			14,15	28,31.2		X,Y	10,12	24,24
						7,9.3	8,8	16,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 1 - STR Results</b>							
FN7HTT	Identifiler® Direct						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y 7,9.3	10,12 8	24 16,17
FNNHJC	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y 7,9.3	10,12 8	24 16,17
FU7GRQ	Identifiler® Plus						
	1	-	21,22	-	16,18	12	10,11
		14	-	-	13,14	11,12	13,16
		14,15	28,31.2	-	X,Y 7,9.3	10,12 8	24 16,17
FX78A4	Identifiler® Identifiler Plus, MiniFiler						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y 7,9.3	10,12 8,8	24,24 16,17
FYFNDN	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y 7,9.3	10,12 8,8	24,24 16,17
FYPRGM	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y 7,9.3	10,12 8,8	24,24 16,17
FZJFXW	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y 7,9.3	10,12 8	24 16,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 1 - STR Results</b>							
G2K2P2	Identifiler® Plus						
	1	NA 14,14 14,15 NA	21,22 NA 28,31.2 NA	NA NA NA NA	16,18 13,14 X,Y 7,9.3	12,12 11,12 10,12 8,8	10,11 13,16 24,24 16,17
G47CJU	PowerPlex® Fusion						
	1	12,12 14,14 14,15 9,15	21,22 13,15 21,22 11,25	10,11 18,19 11,16 -	16,18 13,14 X,Y 7,9.3	12,12 11,12 10,12 8,8	10,11 13,16 24,24 16,17
G974QC	Identifiler® Plus						
	1		21,22		16,18 13,14 X,Y 7,9.3	12 11,12 10,12 8	10,11 13,16 24 16,17
GDJTGZ	Identifiler® Plus, MiniFiler						
	1		21,22		16,18 13,14 X,Y 7,9.3	12 11,12 10,12 8	10,11 13,16 24 16,17
GG88DF	Identifiler®						
	1	N/A 14,14 14,15 N/A	21,22 N/A 28,31.2 N/A	N/A N/A N/A N/A	16,18 13,14 X,Y 7,9.3	12,12 11,12 10,12 8,8	10,11 13,16 24,24 16,17
GGWM6K	Identifiler® Plus						
	1		21,22		16,18 13,14 X,Y 7,9.3	12 11,12 10,12 8	10,11 13,16 24 16,17
GJWKYE	Identifiler® Plus, MiniFiler						
	1		21,22		16,18 13,14 X,Y 7,9.3	12 11,12 10,12 8	10,11 13,16 24 16,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 1 - STR Results</b>							
GKDL6F	Identifiler® Direct						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
GMRDRA	Globalfiler						
	1	12,12	21,22	10,11	16,18	12,12	10,11
		14,14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24,24
				19,21	7,9.3	8,8	16,17
GN4BYY	Identifiler® Direct						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
GPMRYZ	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
GPT8Z9	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
GTGXRJ	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
GTX2FJ	GlobalFiler Express						
	1	12,12	21,22	10,11	16,18	12,12	10,11
		14,14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24,24
				19,21	7,9.3	8,8	16,17



TABLE 2

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

Item 1 - STR Results

GU2G4V	Identifiler® Plus, PowerPlex® 16 HS						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
GVFQDV	PowerPlex® Fusion						
	1	12,12	21,22	10,11	16,18	12,12	10,11
		14,14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24,24
		9,15	11,25	-	7,9.3	8,8	16,17
GVZYNQ	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
GWDJLL	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
GXPAJP	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
H3F46H	Identifiler Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
H4NQEB	PowerPlex® ESI 16, in-house STR kit						
	1	12	21,22	10,11	16,18		
		14	13,15	18,19		11,12	13,16
		14,15	28,31.2	11,16	X,Y		24
					7,9.3		16,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 1 - STR Results</b>							
H7TA9C	Identifiler®						
	1	N/A	21,22	N/A	16,18	12,12	10,11
		14,14	N/A	N/A	13,14	11,12	13,16
		14,15	28,31.2	N/A	X,Y	10,12	24,24
		N/A	N/A	N/A	7,9.3	8,8	16,17
H94V96	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
HBMW6C	GlobalFiler Express						
	1	12	21,22	10,11	16,18	12	10,11
		14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24
				19,21	7,9.3	8	16,17
HCFJT9	Identifiler® Identifiler Plus						
	1	-	21,22	-	16,18	12	10,11
		14	-	-	13,14	11,12	13,16
		14,15	28,31.2	-	X,Y	10,12	24
		-	-	-	7,9.3	8	16,17
HCMYUF	Identifiler®						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
HE6KJC	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
HE798G	Identifiler®						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 1 - STR Results</b>							
HE8TRG	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
HFGVGL	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
HGCVKL	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
HHAMUR	Identifiler® Plus						
	1			21,22	16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
HMHQ4L	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
HMTKTU	PowerPlex® ESX17, 21, CS7						
	1	12	21,22	10,11	16,18	12	10,11
		14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24
		9,15	11,25	19,21	7,9.3	8	16,17
HRDQRB	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 1 - STR Results</b>							
HRP9A2	Identifiler® Plus, MiniFiler						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
HWCZ7J	PowerPlex® HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
HY2DVG	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
HYPQMR	PowerPlex® Fusion						
	1	12,12	21,22	10,11	16,18	12,12	10,11
		14,14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24,24
		9,15	11,25	-	7,9.3	8,8	16,17
J288FW	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
J2DHEP	Identifiler®						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
J8L6LD	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA
<b>Item 1 - STR Results</b>							
J8XKFZ	PowerPlex® 16 HS						
	1				16,18	12	10,11
	14				13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
	9,15		11,25		7,9.3	8	16,17
J8YXX8	Identifiler® Plus						
	1		21,22		16,18	12	10,11
	14				13,14	11,12	13,16
	14,15		28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
JAJAKK	Identifiler® Plus						
	1		21,22		16,18	12	10,11
	14				13,14	11,12	13,16
	14,15		28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
JC3746	PowerPlex® 16 HS						
	1	-	-	-	16,18	12	10,11
	14		-	-	13,14	11,12	13,16
			28,31.2	-	X,Y	10,12	24
	9,15		11,25	-	7,9.3	8	16,17
JCF29J	Identifiler® Plus						
	1		21,22		16,18	12	10,11
	14				13,14	11,12	13,16
	14,15		28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
JCWK94	GlobalFiler						
	1	12	21,22	10,11	16,18	12	10,11
	14		13,15	18,19	13,14	11,12	13,16
	14,15		28,31.2	11,16	X,Y	10,12	24
				19,21	7,9.3	8	16,17
JD7Y6B	Identifiler® Plus						
	1	NA	21,22	NA	16,18	12	10,11
	14		NA	NA	13,14	11,12	13,16
	14,15		28,31.2	NA	X,Y	10,12	24
	NA		NA	NA	7,9.3	8	16,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA
<b>Item 1 - STR Results</b>							
JDW496	PowerPlex® 16						
	1				16,18	12	10,11
	14				13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
	9,15		11,25		7,9.3	8	16,17
JE4NPD	PowerPlex® 16 HS						
	1				16,18	12	10,11
	14				13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
	9,15		11,25		7,9.3	8	16,17
JH4RMR	Identifiler® Plus						
	1		21,22		16,18	12	10,11
	14				13,14	11,12	13,16
	14,15		28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
JHCKUF	Identifiler Plus						
	1		21,22		16,18	12,12	10,11
	14,14				13,14	11,12	13,16
	14,15		28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
JHE6YW	Identifiler® Plus						
	1		21,22		16,18	12	10,11
	14				13,14	11,12	13,16
	14,15		28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
JJYDEW	Identifiler® Plus						
	1		21,22		16,18	12	10,11
	14				13,14	11,12	13,16
	14,15		28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
JL3YX4	Identifiler®						
	1		21,22		16,18	12	10,11
	14				13,14	11,12	13,16
	14,15		28,31.2		X,Y	10,12	24
					7,9.3	8	16,17

TABLE 2

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

Item 1 - STR Results

JM6K9B	Identifiler® Plus, MiniFiler						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
				7,9.3	8		16,17
JN9KL4	Identifiler®						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
				7,9.3	8		16,17
JRC2D6	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
				7,9.3	8		16,17
JTNW2H	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8		16,17
JURDPV	PowerPlex® ESIPRO17, ESX17						
	1	12	21,22	10,11	16,18		
		14	13,15	18,19		11,12	13,16
		14,15	28,31.2	11,16	X,Y		24
			19,21	7,9.3			16,17
JX2WZV	PowerPlex® PP 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
JYN29M	Identifiler® Plus						
	1	-	21,22	-	16,18	12,12	10,11
		14,14	-	-	13,14	11,12	13,16
		14,15	28,31.2	-	X,Y	10,12	24,24
		-	-		7,9.3	8,8	16,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 1 - STR Results</b>							
K2GLXD	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
K3NELE	Identifiler®						
	1	-	21,22	-	16,18	12	10,11
		14	-	-	13,14	11,12	13,16
		14,15	28,31.2	-	X,Y	10,12	24
		-	-	-	7,9.3	8	16,17
K4ZPJP	PowerPlex® PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
K6PMPP	Identifiler®						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
K7434Q	Identifiler® Plus						
	1	not tested	21,22	not tested	16,18	12,12	10,11
		14,14	not tested	not tested	13,14	11,12	13,16
		14,15	28,31.2	not tested	X,Y	10,12	24,24
		not tested	not tested	not tested	7,9.3	8,8	16,17
K7JDRX	Identifiler® Direct						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
K9QNR8	Identifiler® Identifiler Plus, Identifiler Direct, MiniFiler						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17



TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 1 - STR Results</b>							
KCRBJV	Identifiler® Plus, MiniFiler						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
KD2UCK	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
KFWUP4	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
KFXK3D	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
KGBZBK	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
KHFT2D	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
KHXQ9J	PowerPlex® Fusion						
	1	12	21,22	10,11	16,18	12	10,11
		14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17

TABLE 2

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

Item 1 - STR Results

KLVUH	Identifiler® Identifiler Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8		16,17
KLL8XJ	Identifiler® Plus						
	1	-	21,22	-	16,18	12,12	10,11
		14,14	-	-	13,14	11,12	13,16
		14,15	28,31.2	-	X,Y	10,12	24,24
				7,9.3	8,8		16,17
KP4BJV	PowerPlex® 18 D						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
		9,15	11,>24		7,9.3	8	16,17
KPN69C	Identifiler Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
				7,9.3	8		16,17
KPTA99	Identifiler® , PowerPlex® 16 HS						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
KPYHHV	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8		16,17
KR7E6Q	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8		16,17

TABLE 2

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

Item 1 - STR Results

KVMHJU	Identifiler® Direct						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
KWMPA8	PowerPlex® 16 HS						
	1				16,18	12,12	10,11
		14,14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24,24
		9,15	11,25		7,9.3	8,8	16,17
KWU67R	PowerPlex® Fusion						
	1	12	21,22	10,11	16,18	12	10,11
		14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
KXVRC7	PowerPlex® 16						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
KZ8GLA	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
L4D8XA	Identifiler® Identifiler Plus						
	1	NA	21,22	NA	16,18	12	10,11
		14	NA	NA	13,14	11,12	13,16
		14,15	28,31.2	NA	X,Y	10,12	24
		NA	NA	NA	7,9.3	8	16,17
L4DNAR	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 1 - STR Results</b>							
L4UVDN	PowerPlex® 16 HS						
	1	-	-	-	16,18	12	10,11
		14	-	-	13,14	11,12	13,16
		-	28,31.2	-	X,Y	10,12	24
		9,15	11,25	-	7,9.3	8	16,17
L7F792	PowerPlex® 16-HS						
	1				16,18	12,12	10,11
		14,14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24,24
		9,15	11,25		7,9.3	8,8	16,17
L8EPAN	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
L8FWLC	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
L8J99D	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
LB9X84	PowerPlex® HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
LBV24K	PowerPlex® Fusion						
	1	12	21,22	10,11	16,18	12	10,11
		14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 1 - STR Results</b>							
LCQMVP	PowerPlex® Fusion						
	1	12	21,22	10,11	16,18	12	10,11
		14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
LGPVLJ	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
LHFPU3	PowerPlex® 18D						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
		9,15	11,>24		7,9.3	8	16,17
LJN4YN	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
LJZUX7	Identifiler® Plus, PowerPlex® 16 HS						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
LL3P94	Identifiler® Identifiler Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
LMECT4	Identifiler Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17

TABLE 2

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

Item 1 - STR Results

LPXGFF	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
	9,15		11,25		7,9.3	8	16,17
LQA8FJ	PowerPlex® Fusion, PP16 HS						
	1	12	21,22	10,11	16,18	12	10,11
		14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24
	9,15		11,25		7,9.3	8	16,17
LRNVPB	Identifiler® Identifiler Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8		16,17
LVQPRM	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
				7,9.3	8		16,17
LWCVZR	Identifiler® Plus, PowerPlex® HS						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
	9,15		11,25		7,9.3	8	16,17
LZACCL	Identifiler® Plus						
	1	-	21,22	-	16,18	12	10,11
		14	-	-	13,14	11,12	13,16
		14,15	28,31.2	-	X,Y	10,12	24
	-	-	-	7,9.3	8		16,17
LZV2HM	Identifiler® Plus						
	1	-	21,22	-	16,18	12,12	10,11
		14,14	-	-	13,14	11,12	13,16
		14,15	28,31.2	-	X,Y	10,12	24,24
	-	-	-	7,9.3	8,8		16,17

TABLE 2

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

Item 1 - STR Results

M2DQRP	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8	16,17	
M3YGNA	PowerPlex® PP16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
M4GE4G	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8	16,17	
M6KXKH	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8	16,17	
M6PNYY	PowerPlex® 16 HS						
	1	n/a	n/a	n/a	16,18	12	10,11
		14	n/a	n/a	13,14	11,12	13,16
		n/a	28,31.2	n/a	X,Y	10,12	24
		9,15	11,25	n/a	7,9.3	8	16,17
M7KAP6	PowerPlex® 16 HS						
	1				16,18	12,12	10,11
		14,14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24,24
		9,15	11,25		7,9.3	8,8	16,17
M7ZHQT	PowerPlex® 18D						
	1	-	21,22	-	16,18	12	10,11
		14	-	-	13,14	11,12	13,16
		14,15	28,31.2	-	X,Y	10,12	24
		9,15	11,>24	-	7,9.3	8	16,17

TABLE 2

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

Item 1 - STR Results

M92UYD	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
				7,9.3	8	16,17	
M9LYM2	Identifiler® Direct						
	1	-	21,22	-	16,18	12	10,11
		14	-	-	13,14	11,12	13,16
		14,15	28,31.2	-	X,Y	10,12	24
				7,9.3	8	16,17	
M9M7XL	PowerPlex® Fusion						
	1	12	21,22	10,11	16,18	12	10,11
		14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
M9RPYW	PowerPlex® HS						
	1				16,18	12,12	10,11
		14,14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24,24
		9,15	11,25		7,9.3	8,8	16,17
MALBP2	Identifiler Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
				7,9.3	8	16,17	
MAMANG	Identifiler® Plus						
	1	-	21,22	-	16,18	12,12	10,11
		14,14	-	-	13,14	11,12	13,16
		14,15	28,31.2	-	X,Y	10,12	24,24
				7,9.3	8,8	16,17	
MBRRWK	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8	16,17	



TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 1 - STR Results</b>							
MC6GXC	PowerPlex® 16 HS						
	1				16,18	12,12	10,11
		14,14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24,24
		9,15	11,25		7,9.3	8,8	16,17
MDT2GL	PowerPlex® Fusion						
	1	12	21,22	10,11	16,18	12	10,11
		14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
MEURUW	Identifiler® Plus, MiniFiler						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
MF4CP7	PowerPlex® ESI 17 PRO, AB NGM SElect						
	1	12	21,22	10,11	16,18		
		14	13,15	18,19		11,12	13,16
		14,15	28,31.2	11,16	X,Y		24
				19,21	7,9.3		16,17
MFQA2R	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
MJ7JCA	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
MJ8GM7	PowerPlex® 16 HS						
	1				16,18	12,12	10,11
		14,14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24,24
		9,15	11,25		7,9.3	8,8	16,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 1 - STR Results</b>							
MJHWNE	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
MJQC3L	PowerPlex® 18D						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
		9,15	11,>24		7,9.3	8	16,17
MK9AMY	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
MKCK6P	Identifiler®						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
MKUZQ6	Profiler Plus						
	1				16,18	12,12	10,11
		14,14			13,14		13,16
			28,31.2		X,Y		24,24
							16,17
MPAHVM	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
MUN96N	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA
<b>Item 1 - STR Results</b>							
MV3P79	PowerPlex® 16						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
MV4FGX	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
MX23T8	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
N2XKDZ	Identifiler® Direct						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
N4KRN2	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
N88Y2Q	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
N9WCGN	Identifiler®						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 1 - STR Results</b>							
NAP8ZP	PowerPlex® Fusion						
	1	12	21,22	10,11	16,18	12	10,11
		14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
NAY8V7	Identifiler® Plus						
	1	na	21,22	na	16,18	12,12	10,11
		14,14	na	na	13,14	11,12	13,16
		14,15	28,31.2	na	X,Y	10,12	24,24
		na	na	na	7,9.3	8,8	16,17
NCLW26	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
NCXWKT	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
NEKY72	Identifiler® Identifiler and Identifiler Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
NHAJUP	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
NJYHJ3	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 1 - STR Results</b>							
NKF3JK	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
NMFHLG	Fusion						
	1	12	21,22	10,11	16,18	12	10,11
		14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
NNEVKP	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
NP8A4E	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
NUKYGW	Identifiler®						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
NWXN2L	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
NZTDKE	Identifiler® Identifiler Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17

TABLE 2

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

Item 1 - STR Results

P2VVKT	Identifiler® Identifiler Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8		16,17
P46PUZ	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
				7,9.3	8		16,17
P6J8W7	Identifiler® Plus, MiniFiler						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
				7,9.3	8		16,17
P9YN7A	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8		16,17
PB9HZP	PowerPlex® 16 HS						
	1	NA	NA	NA	16,18	12	10,11
		14	NA	NA	13,14	11,12	13,16
		NA	28,31.2	NA	X,Y	10,12	24
	9,15	11,25	NA	7,9.3	8		16,17
PBMCCCH	Identifiler® Plus, MiniFiler						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8		16,17
PF2NPC	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8		16,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 1 - STR Results</b>							
PJUG4U	Identifiler® Plus, MiniFiler						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
PLJB6A	Globalfiler express						
	1	12,12	21,22	10,11	16,18	12,12	10,11
		14,14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24,24
				19,21	7,9.3	8	16,17
PNFJL7	PowerPlex® 16						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
PPJ339	PowerPlex® Fusion						
	1	12,12	21,22	10,11	16,18	12,12	10,11
		14,14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24,24
		9,15	11,25		7,9.3	8,8	16,17
PT8VDW	Identifiler Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
PUCE7X	Identifiler®						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
PW6G3E	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 1 - STR Results</b>							
PXPYR8	Identifiler® Plus, PowerPlex® 16						
	1	14,14	21,22		16,18	12,12	10,11
		14,15	28,31.2		13,14	11,12	13,16
		9,15	11,25		X,Y	10,12	24,24
					7,9.3	8,8	16,17
PZ8474	PowerPlex® 21						
	1	12,12	21,22		16,18	12,12	10,11
		14,14		18,19	13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
		9,15	11,25		7,9.3	8,8	16,17
Q468BV	Identifiler® Plus						
	1	14,14	21,22		16,18	12,12	10,11
		14,15	28,31.2		13,14	11,12	13,16
					X,Y	10,12	24,24
					7,9.3	8,8	16,17
Q8XNF4	Identifiler® Plus						
	1	NA	21,22	NA	16,18	12	10,11
		14	NA	NA	13,14	11,12	13,16
		14,15	28,31.2	NA	X,Y	10,12	24
		NA	NA	NA	7,9.3	8	16,17
Q9DXCB	Identifiler® Plus						
	1	14,14	21,22		16,18	12,12	10,11
		14,15	28,31.2		13,14	11,12	13,16
					X,Y	10,12	24,24
					7,9.3	8,8	16,17
Q9TUPN	Identifiler® Plus						
	1	14,14	21,22		16,18	12,12	10,11
		14,15	28,31.2		13,14	11,12	13,16
					X,Y	10,12	24,24
					7,9.3	8,8	16,17
QE27RF	Identifiler® Plus						
	1	14,14	21,22		16,18	12,12	10,11
		14,15	28,31.2		13,14	11,12	13,16
					X,Y	10,12	24,24
					7,9.3	8,8	16,17



TABLE 2

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

QJE66U	PowerPlex® Fusion	1	12	21,22	10,11	16,18	12	10,11
			14	13,15	18,19	13,14	11,12	13,16
			14,15	28,31.2	11,16	X,Y	10,12	24
			9,15	11,25		7,9.3	8	16,17
QJGH4P	Identifiler® DIRECT	1		21,22		16,18	12	10,11
			14			13,14	11,12	13,16
			14,15	28,31.2		X,Y	10,12	24
						7,9.3	8	16,17
QR72TC	Identifiler® Plus	1	N/T	21,22	N/T	16,18	12,12	10,11
			14,14	N/T	N/T	13,14	11,12	13,16
			14,15	28,31.2	N/T	X,Y	10,12	24,24
			N/T	N/T	N/T	7,9.3	8,8	16,17
QRGW74	Identifiler®	1	N/A	21,22	N/A	16,18	12,12	10,11
			14,14	N/A	N/A	13,14	11,12	13,16
			14,15	28,31.2	N/A	X,Y	10,12	24,24
			N/A	N/A	N/A	7,9.3	8,8	16,17
QT23WZ	GlobalFiler Express	1	12	21,22	10,11	16,18	12	10,11
			14	13,15	18,19	13,14	11,12	13,16
			14,15	28,31.2	11,16	X,Y	10,12	24
					19,21	7,9.3	8	16,17
QU3KN6	Identifiler® Plus, MiniFiler	1		21,22		16,18	12	10,11
			14			13,14	11,12	13,16
			14,15	28,31.2		X,Y	10,12	24
						7,9.3	8	16,17
QWEF92	COfiler® and Profiler Plus®	1				16,18	12,12	10,11
			14,14			13,14		13,16
				28,31.2		X,Y		24,24
							16,17	

TABLE 2

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

QYP3DV	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y 7,9.3	10,12 8,8	24,24 16,17
R267CC	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y 7,9.3	10,12 8	24 16,17
R2CJ7L	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y 7,9.3	10,12 8	24 16,17
R2UFP9	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y 7,9.3	10,12 8	24 16,17
		9,15	11,25				
R386WQ	Identifiler® Plus, MiniFiler						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y 7,9.3	10,12 8	24 16,17
R3KQCU	Identifiler®						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y 7,9.3	10,12 8	24 16,17
R4H6TL	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y 7,9.3	10,12 8	24 16,17

TABLE 2

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

Item 1 - STR Results

R6AA66	Fusion						
	1	12	21,22	10,11	16,18	12	10,11
		14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
R7VKT7	Identifiler® , Identifiler Plus, MiniFiler						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8	16,17	
R9GCMV	PowerPlex® 16						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
RBXQZ4	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
				7,9.3	8	16,17	
RD3KDF	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8	16,17	
RDGFVW	PowerPlex® 16						
	1	N/A	N/A	N/A	16,18	12,12	10,11
		14,14	N/A	N/A	13,14	11,12	13,16
		N/A	28,31.2	N/A	X,Y	10,12	24,24
		9,15	11,25	N/A	7,9.3	8,8	16,17
RDRMFP	Identifiler® Direct						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
				7,9.3	8	16,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 1 - STR Results</b>							
REFEE4	Identifiler® Plus						
	1	NA	21,22	NA	16,18	12	10,11
		14	NA	NA	13,14	11,12	13,16
		14,15	28,31.2	NA	X,Y	10,12	24
		NA	NA	NA	7,9.3	8	16,17
RF7TME	Identifiler® Plus						
	1	N/A	21,22	N/A	16,18	12,12	10,11
		14,14	N/A	N/A	13,14	11,12	13,16
		14,15	28,31.2	N/A	X,Y	10,12	24,24
		N/A	N/A	N/A	7,9.3	8,8	16,17
RG4LK4	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
RHP2KT	Identifiler®						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
RHTVND	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
RJBLYJ	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
RLGBCD	Identifiler®						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17

TABLE 2

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

Item 1 - STR Results

RQT8RM	PowerPlex® 16 HS, Fusion						
	1	12	21,22	10,11	16,18	12	10,11
		14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
RTUNYK	PowerPlex® Fusion						
	1	12,12	21,22	10,11	16,18	12,12	10,11
		14,14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24,24
		9,15	11,25	-	7,9.3	8,8	16,17
RUXMQE	Identifiler®						
	1	-	21,22	-	16,18	12,12	10,11
		14,14	-	-	13,14	11,12	13,16
		14,15	28,31.2	-	X,Y	10,12	24,24
		-	-	-	7,9.3	8,8	16,17
RV8MHE	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
RVGCJK	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
RVLE44	PowerPlex® Fusion						
	1	12	21,22	10,11	16,18	12	10,11
		14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
RX6HQF	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 1 - STR Results</b>							
RXKE3V	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
RYUB98	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
RZPNBR	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
T2KAEN	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
T2MCC3	Identifiler® Plus						
	1	NA	21,22	NA	16,18	12	10,11
		14	NA	NA	13,14	11,12	13,16
		14,15	28,31.2	NA	X,Y	10,12	24
		NA	NA	NA	7,9.3	8	16,17
T2ZW4C	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
T3HHM8	Identifiler®						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA
<b>Item 1 - STR Results</b>							
T4EQC6	Identifiler® Plus, MiniFiler						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
T7YZNP	Identifiler® Plus						
	1	NA	21,22	NA	16,18	12,12	10,11
		14,14	NA	NA	13,14	11,12	13,16
		14,15	28,31.2	NA	X,Y	10,12	24,24
		NA	NA	NA	7,9.3	8,8	16,17
T8ZD6R	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
TDFVQ8	Identifiler®						
	1	-	21,22	-	16,18	12	10,11
		14	-	-	13,14	11,12	13,16
		14,15	28,31.2	-	X,Y	10,12	24
		-	-	-	7,9.3	8	16,17
TLV2UW	PowerPlex® HS						
	1				16,18	12,12	10,11
		14,14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24,24
		9,15	11,25		7,9.3	8,8	16,17
TNHG9K	Identifiler®						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
TQ3TLG	PowerPlex® Fusion						
	1	12	21,22	10,11	16,18	12	10,11
		14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 1 - STR Results</b>							
TR6DTH	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
TRN2DY	PowerPlex® 21						
	1	12,12	21,22		16,18	12,12	10,11
		14,14		18,19	13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
		9,15	11,25		7,9.3	8,8	16,17
TWRMQN	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
TWNNUF	PowerPlex® Fusion Direct Amp						
	1	12	21,22	10,11	16,18	12	10,11
		14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
U4APR6	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
U6MGL8	PowerPlex® 18D						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
		9,15	11,>24		7,9.3	8	16,17
U7ZUHG	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17



TABLE 2

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

Item 1 - STR Results

U8T2CR	PowerPlex® 18D						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
		9,15	11,>24		7,9.3	8	16,17
UB9F7D	Identifiler® Direct						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
				7,9.3	8	16,17	
UBPE6J	Identifiler®						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
				7,9.3	8	16,17	
UDD3R6	GlobalFiler Express						
	1	12,12	21,22	10,11	16,18	12,12	10,11
		14,14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24,24
			19,21	7,9.3	8,8	16,17	
UFGBKG	Identifiler® Plus						
	1	Not tested	21,22	Not tested	16,18	12,12	10,11
		14,14	Not tested	Not tested	13,14	11,12	13,16
		14,15	28,31.2	Not tested	X,Y	10,12	24,24
	Not tested	Not tested	Not tested	7,9.3	8,8	16,17	
UFJELZ	Identifiler® Plus, MiniFiler						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
				7,9.3	8	16,17	
UFZXGD	Identifiler® Plus						
	1	n/a	21,22	n/a	16,18	12,12	10,11
		14,14	n/a	n/a	13,14	11,12	13,16
		14,15	28,31.2	n/a	X,Y	10,12	24,24
	n/a	n/a	n/a	7,9.3	8,8	16,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA
<b>Item 1 - STR Results</b>							
UGYT92	Identifiler® Plus, MiniFiler						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
UHK876	Identifiler®						
	1	-	21,22	-	16,18	12	10,11
		14	-	-	13,14	11,12	13,16
		14,15	28,31.2	-	X,Y	10,12	24
		-	-	-	7,9.3	8	16,17
UJL8LQ	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
UKNTQW	PowerPlex® 16, 16 HS						
	1				16,18	12,12	10,11
		14,14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24,24
		9,15	11,25		7,9.3	8,8	16,17
UN793A	Identifiler® Plus						
	1	-	21,22	-	16,18	12	10,11
		14	-	-	13,14	11,12	13,16
		14,15	28,31.2	-	X,Y	10,12	24
		-	-	-	7,9.3	8	16,17
UNCEND	Identifiler® Plus, MiniFiler						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
UNRPCK	PowerPlex® 16						
	1	N/A	N/A	N/A	16,18	12,12	10,11
		14,14	N/A	N/A	13,14	11,12	13,16
		N/A	28,31.2	N/A	X,Y	10,12	24,24
		9,15	11,25	N/A	7,9.3	8,8	16,17

TABLE 2

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

Item 1 - STR Results

UQPBMA	Identifiler Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
URJ73Q	PowerPlex® 16 HS						
	1				16,18	12,12	10,11
		14,14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24,24
		9,15	11,25		7,9.3	8,8	16,17
UX2FCV	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
UXEN3Q	Identifiler® , PowerPlex® Hot Start						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
UZ8T7G	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
V2CNHD	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
V2UBJG	Identifiler®						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17

TABLE 2

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

Item 1 - STR Results

VC2K9Z	Identifiler® , GlobalFiler Express						
	1	12	21,22	10,11	16,18	12	10,11
		14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24
				19,21	7,9.3	8	16,17
VK8FZJ							
	1	12,12	21,22	10,11	16,18		
		14,14	13,15	18,19		11,12	13,16
		14,15	28,31.2	11,16	X,Y		24,24
					7,9.3		16,17
VKLGR8	PowerPlex® 18D						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
		9,15	11,>24		7,9.3	8	16,17
VKPKHH	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
VKRJPR	Identifiler® Identifiler Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
VLNJ2Q	Identifiler®						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
VMU8VM	Identifiler® Plus						
	1	N/A	21,22	N/A	16,18	12,12	10,11
		14,14	N/A	N/A	13,14	11,12	13,16
		14,15	28,31.2	N/A	X,Y	10,12	24,24
		N/A	N/A	N/A	7,9.3	8,8	16,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA
<b>Item 1 - STR Results</b>							
VP3DGN	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
VRFU42	Identifiler® Plus, MiniFiler						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
VRXKE8	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
VUGXJ3	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
VW7QFZ	Identifiler® Plus						
	1	NA	21,22	NA	16,18	12	10,11
		14	NA	NA	13,14	11,12	13,16
		14,15	28,31.2	NA	X,Y	10,12	24
		NA	NA	NA	7,9.3	8	16,17
VW897P	Identifiler®						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
VZNCH2	Identifiler®						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 1 - STR Results</b>							
W4JMQ7	PowerPlex® PP16 HS, Fusion						
	1	12	21,22	10,11	16,18	12	10,11
		14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
W4KD4F	Identifiler Plus and MiniFiler						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
W69T9G	Identifiler®						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
W73DK3	Identifiler®						
	1	-	21,22	-	16,18	12	10,11
		14	-	-	13,14	11,12	13,16
		14,15	28,31.2	-	X,Y	10,12	24
		-	-	-	7,9.3	8	16,17
WA7396	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
WA7YHZ	Identifiler®						
	1	-	21,22	-	16,18	12,12	10,11
		14,14	-	-	13,14	11,12	13,16
		14,15	28,31.2	-	X,Y	10,12	24,24
		-	-	-	7,9.3	8,8	16,17
WC3KZD	Identifiler® Direct						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17

TABLE 2

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

Item 1 - STR Results

WGL7C4	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
WHKNJU	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8	16,17	
WHVTTC	Identifiler® Plus						
	1	-	21,22	-	16,18	12,12	10,11
		14,14	-	-	13,14	11,12	13,16
		14,15	28,31.2	-	X,Y	10,12	24,24
		-	-	-	7,9.3	8,8	16,17
WJFPHC	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
WK62DB	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8	16,17	
WK6MNC	Identifiler®						
	1	n/a	21,22	n/a	16,18	12,12	10,11
		14,14	n/a	n/a	13,14	11,12	13,16
		14,15	28,31.2	n/a	X,Y	10,12	24,24
		n/a	n/a	n/a	7,9.3	8,8	16,17
WME462	Globalfiler Express						
	1	12,12	21,22	10,11	16,18	12,12	10,11
		14,14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24,24
			19,21	7,9.3	8,8	16,17	

TABLE 2

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

WNUCVJ	PowerPlex® 21						
	1	12,12	21,22		16,18	12,12	10,11
		14,14		18,19	13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
		9,15	11,25		7,9.3	8,8	16,17
WPXQBN	Identifiler®						
	1	-	21,22	-	16,18	12	10,11
		14	-	-	13,14	11,12	13,16
		14,15	28,31.2	-	X,Y	10,12	24
		-	-	-	7,9.3	8	16,17
WQ8XEG	PowerPlex® Fusion						
	1	12	21,22	10,11	16,18	12	10,11
		14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
WRNM29	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
WUYBW7	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
WXWTXE	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
WZGED3	Identifiler®						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17



TABLE 2

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

Item 1 - STR Results

X3GEXC	PowerPlex® Fusion, PowerPlex 16 HS						
	1	12	21,22	10,11	16,18	12	10,11
		14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
X3H6AM	Identifiler® Plus, MiniFiler						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
X6RLFR	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
X96CW	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
XALYEF	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
XAURL6	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
XAZWKF	Identifiler®						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17

TABLE 2

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

Item 1 - STR Results

XB3ACM	PowerPlex® PP16 HS						
	1				16,18	12,12	10,11
		14,14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24,24
		9,15	11,25		7,9.3	8,8	16,17
XC7LHH	PowerPlex® 16 HS						
	1				16,18	12,12	10,11
		14,14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24,24
		9,15	11,25		7,9.3	8,8	16,17
XDGXHD	Identifiler® Plus, MiniFiler						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8	16,17	
XDVT2U	Identifiler®						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8	16,17	
XFBXUQ	Identifiler® Direct						
	1	-	21,22	-	16,18	12	10,11
		14	-	-	13,14	11,12	13,16
		14,15	28,31.2	-	X,Y	10,12	24
		-	-	-	7,9.3	8	16,17
XFJH8R	Identifiler® and Identifiler Plus, MiniFiler						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
				7,9.3	8	16,17	
XHUPP7	PowerPlex® Fusion						
	1	12	21,22	10,11	16,18	12	10,11
		14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 1 - STR Results</b>							
XJ4DPQ	PowerPlex® 16 and 16 HS						
	1				16,18	12,12	10,11
		14,14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24,24
		9,15	11,25		7,9.3	8,8	16,17
XKQXDH	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
XMPE9X	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
XTCDPY	Identifiler®						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
XUD2C4	Identifiler Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
XX9YHM	Identifiler®						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
XXAPVW	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17

TABLE 2

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

Item 1 - STR Results

XYMF3F	Identifiler Plus						
	1	N/A	21,22	N/A	16,18	12,12	10,11
		14,14	N/A	N/A	13,14	11,12	13,16
		14,15	28,31.2	N/A	X,Y	10,12	24,24
		N/A	N/A	N/A	7,9.3	8,8	16,17
Y36NYU	Identifiler®						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
				7,9.3	8	16,17	
Y3FAAB	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8	16,17	
Y4PGC4	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8	16,17	
Y6644B	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8	16,17	
Y66W44	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
	9,15	11,25		7,9.3	8	16,17	
Y8XVAF	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
				7,9.3	8	16,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 1 - STR Results</b>							
YAX3H7	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
YB62DU	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
YC8PZZ	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
YCTJXA	PowerPlex® 18 Direct						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
		9,15	11,>24		7,9.3	8	16,17
YCYFTD	PowerPlex® Fusion, PowerPlex 16 HS						
	1	12	21,22	10,11	16,18	12	10,11
		14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
YD3RV2	Identifiler Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
YEVKY8	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17

TABLE 2

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

Item 1 - STR Results

YGKVRK	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8	16,17	
YHRRYP	Identifiler® and Identifiler Plus, MiniFiler						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
				7,9.3	8	16,17	
YJDQMU	PowerPlex® 21						
	1	12,12	21,22		16,18	12,12	10,11
		14,14		18,19	13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
		9,15	11,25		7,9.3	8,8	16,17
YLWPY4	Identifiler® Plus						
	1	NA	21,22	NA	16,18	12,12	10,11
		14,14	NA	NA	13,14	11,12	13,16
		14,15	28,31.2	NA	X,Y	10,12	24,24
		NA	NA	NA	7,9.3	8,8	16,17
YM4T39	Identifiler® Plus						
	1	-	21,22	-	16,18	12,12	10,11
		14,14	-	-	13,14	11,12	13,16
		14,15	28,31.2	-	X,Y	10,12	24,24
		-	-	-	7,9.3	8,8	16,17
YMYKRZ	Identifiler®						
	1	-	21,22	-	16,18	12	10,11
		14	-	-	13,14	11,12	13,16
		14,15	28,31.2	-	X,Y	10,12	24
		-	-	-	7,9.3	8	16,17
YQ249F	PowerPlex® 16						
	1	N/A	N/A	N/A	16,18	12,12	10,11
		14,14	N/A	N/A	13,14	11,12	13,16
		N/A	28,31.2	N/A	X,Y	10,12	24,24
		9,15	11,25	N/A	7,9.3	8,8	16,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 1 - STR Results</b>							
YTBU CV	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
YUDEJX	Identifiler® Plus, MiniFiler						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
YUGTDB	Identifiler®						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
YWQ86W	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
YYDJFG	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
YZ3QXR	Identifiler® , Identifiler Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
Z3JJ9T	Identifiler® Plus, MiniFiler						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17

TABLE 2

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

Item 1 - STR Results

Z4E4XD	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
				7,9.3	8	16,17	
Z4NQYT	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
				7,9.3	8	16,17	
Z9UNZK	Identifiler®						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
				7,9.3	8	16,17	
ZCNL36	PowerPlex® 16 HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
ZDHHDK	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8	16,17	
ZEC3NX	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
				7,9.3	8,8	16,17	
ZGB4RU	Identifiler®						
	1	N/A	21,22	N/A	16,18	12,12	10,11
		14,14	N/A	N/A	13,14	11,12	13,16
		14,15	28,31.2	N/A	X,Y	10,12	24,24
		N/A	N/A	N/A	7,9.3	8,8	16,17



TABLE 2

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

Item 1 - STR Results

ZH9TCW	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
ZHJ8NR	Identifiler® Identifiler Plus, Identifiler Direct and MiniFiler						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
ZHUBKC	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
ZJETFX	Identifiler® Plus, MiniFiler						
	1	NA	21,22	NA	16,18	12	10,11
		14	NA	NA	13,14	11,12	13,16
		14,15	28,31.2	NA	X,Y	10,12	24
		NA	NA	NA	7,9.3	8	16,17
ZLUG8V	Identifiler® Plus						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
ZM2TQR	Identifiler® Plus						
	1		21,22		16,18	12	10,11
		14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24
					7,9.3	8	16,17
ZN8W3A	PowerPlex® Fusion						
	1	12,12	21,22	10,11	16,18	12,12	10,11
		14,14	13,15	18,19	13,14	11,12	13,16
		14,15	28,31.2	11,16	X,Y	10,12	24,24
		9,15	11,25	-	7,9.3	8,8	16,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA
<b>Item 1 - STR Results</b>							
ZPPUMM	PowerPlex® HS						
	1				16,18	12	10,11
		14			13,14	11,12	13,16
			28,31.2		X,Y	10,12	24
		9,15	11,25		7,9.3	8	16,17
ZTCWRR	Identifiler®						
	1		21,22		16,18	12,12	10,11
		14,14			13,14	11,12	13,16
		14,15	28,31.2		X,Y	10,12	24,24
					7,9.3	8,8	16,17
ZTLH29	Identifiler® Plus						
	1	-	21,22	-	16,18	12,12	10,11
		14,14	-	-	13,14	11,12	13,16
		14,15	28,31.2	-	X,Y	10,12	24,24
		-	-	-	7,9.3	8,8	16,17
ZV7LHT	Identifiler®						
	1	N/A	21,22	N/A	16,18	12,12	10,11
		14,14	N/A	N/A	13,14	11,12	13,16
		14,15	28,31.2	N/A	X,Y	10,12	24,24
		N/A	N/A	N/A	7,9.3	8,8	16,17

TABLE 2

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

Item 2 - STR Results

22JXJ7	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
22JZAB	Identifiler® Plus, MiniFiler						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
22ZA4W	Identifiler®						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
23LH7Z	Identifiler®						
	2	-	25	-	15,17	12,13	8,12
		14	-	-	11,13	9,11	17,18
		14,15.2	31,33.2	-	X,Y	10,12	24,25
				7,8	9,11	15,17	
23RK6K	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
24M7T6	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
29XTEE	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA
<b>Item 2 - STR Results</b>							
29YDWV	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
2AEWDZ	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
2ANKE8	Identifiler® Identifiler Plus						
	2	n/a	25,25	n/a	15,17	12,13	8,12
		14,14	n/a	n/a	11,13	9,11	17,18
		14,15.2	31,33.2	n/a	X,Y	10,12	24,25
		n/a	n/a	n/a	7,8	9,11	15,17
2CDL3M	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
2CGUQE	PowerPlex® 16 HS, Fusion						
	2	12,14	25	11,14	15,17	12,13	8,12
		14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16	X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
2DRQ2K	Identifiler®						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
2FUNDY	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17

TABLE 2

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

Item 2 - STR Results

2GQCK2	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
	14				11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
	2.2,10		10,16		7,8	9,11	15,17
2HHW49	Identifiler®						
	2		25		15,17	12,13	8,12
	14				11,13	9,11	17,18
	14,15.2		31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
2HLMNQ	Identifiler®						
	2		25,25		15,17	12,13	8,12
	14,14				11,13	9,11	17,18
	14,15.2		31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
2JJ26G	Identifiler® Plus, MiniFiler						
	2		25		15,17	12,13	8,12
	14				11,13	9,11	17,18
	14,15.2		31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
2MWXKQ	Identifiler® Plus						
	2		25		15,17	12,13	8,12
	14				11,13	9,11	17,18
	14,15.2		31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
2P42J9	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
	14				11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
	2.2,10		10,16		7,8	9,11	15,17
2QEPKF	GlobalFiler						
	2	12,14	25	11,14	15,17	12,13	8,12
	14		13,15	17,17.3	11,13	9,11	17,18
	14,15.2		31,33.2	16	X,Y	10,12	24,25
	-	-	-	11.2,18	7,8	9,11	15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 2 - STR Results</b>							
2RCCDR	Identifiler®						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
2RUAN4	PowerPlex® PP16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
2TWYJE	Identifiler® , NGM						
	2	12,14	25	11,14	15,17	12,13	8,12
		14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16	X,Y	10,12	24,25
					7,8	9,11	15,17
2VL62Q	Identifiler® and ID Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
2XG7HK	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
2XMB24	Identifiler® Plus						
	2	-	25	-	15,17	12,13	8,12
		14	-	-	11,13	9,11	17,18
		14,15.2	31,33.2	-	X,Y	10,12	24,25
		-	-	-	7,8	9,11	15,17
2YUMP8	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17

TABLE 2

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

Item 2 - STR Results

32TCHZ	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
32U826	PowerPlex® Fusion						
	2	12,14	25	11,14	15,17	12,13	8,12
		14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16	X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
34KLC2	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
36F3T6	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
37QYZU	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
37TKXV	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
37TMMZ	Identifiler® Plus						
	2	NA	25,25	NA	15,17	12,13	8,12
		14,14	NA	NA	11,13	9,11	17,18
		14,15.2	31,33.2	NA	X,Y	10,12	24,25
		NA	NA	NA	7,8	9,11	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA
<b>Item 2 - STR Results</b>							
38XMHZ	PowerPlex® 16						
	2				15,17	12,13	8,12
	14				11,13	9,11	17 <sup>^</sup> ,18 <sup>^</sup>
			31,33.2		X,Y	10,12	24,25
	2.2,10		10,16		7,8	9,11	15,17
39BVLY	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
	14,14				11,13	9,11	17,18
	14,15.2		31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
3CJTQ3	Identifiler® Plus						
	2		25		15,17	12,13	8,12
	14				11,13	9,11	17,18
	14,15.2		31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
3CQZ3N	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
	14,14				11,13	9,11	17,18
	14,15.2		31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
3DCM8J	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
	14				11,13	9,11	17,18
	14,15.2		31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
3F6J2X	PowerPlex® 18D						
	2		25		15,17	12,13	8,12
	14				11,13	9,11	17,18
	14,15.2		31,33.2		X,Y	10,12	24,25
	2.2,10		10,16		7,8	9,11	15,17
3LEPVH	Identifiler®						
	2	-	25	-	15,17	12,13	8,12
	14	-	-	-	11,13	9,11	17,18
	14,15.2		31,33.2	-	X,Y	10,12	24,25
	-	-	-	7,8	9,11	15,17	



TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 2 - STR Results</b>							
3MHNPX	Identifiler® Identifiler Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
3MUVNE	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
3REAFZ	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
3UVA6A	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
3V6CVE	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
3WCA8N	Identifiler Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
3X2XDQ	Identifiler Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17

TABLE 2

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

Item 2 - STR Results

3XEHUF	PowerPlex® HS, Fusion						
	2	12,14	25	11,14	15,17	12,13	8,12
		14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16	X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
46A8M4	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
499JKP	Identifiler®						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
4AJ6WQ	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
4DMWMW	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
4DMZXZ	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
4G2PBG	Identifiler®						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17

TABLE 2

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

Item 2 - STR Results

4GPUZB	Identifiler® Plus, MiniFiler						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
4HXBQU	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
4J6Y4T	Identifiler® , MiniFiler						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
4LUXGW	Identifiler®						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
4LZZJN	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14,14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
4NJAG3	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
4P23QC	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	

TABLE 2

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

Item 2 - STR Results

4QQBGF	Identifiler®						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
4RHZR3	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
4TD2T6	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
4V3AYZ	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
626FWW	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
62QF6Z	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
664ATJ	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17

TABLE 2

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

## Item 2 - STR Results

66JYU7	Identifiler®						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
6AKLWF	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
6BGTE8	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
6JFGJ4	Identifiler®						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
6KJBPA	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
6PQTWP	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
6PW4NF	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	

TABLE 2

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

Item 2 - STR Results

6RHG6R	Identifiler®						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
6VZ38R	PowerPlex® Fusion, 16 HS						
	2	12,14	25,25	11,14	15,17	12,13	8,12
		14,14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16,16	X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
6WVHLA	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
6YXXZM	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
6ZG96R	Identifiler® Plus, MiniFiler						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
744NM7	PowerPlex® Fusion, PowerPlex 16 HS						
	2	12,14	25	11,14	15,17	12,13	8,12
		14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16	X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
767ERT	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17

TABLE 2

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

Item 2 - STR Results

76X9DB	Identifiler®						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
79WZR	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
7AJVLQ	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
7DGHUL	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
7ERGAN	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
7F2FFQ	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
			10,16		7,8	9,11	15,17
7GXT64	PowerPlex® 18D						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 2 - STR Results</b>							
7JKJ33	Identifiler®						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
7JU83M	COfiler® and Profiler Plus®						
	2				15,17	12,13	8,12
		14,14			11,13		17,18
			31,33.2		X,Y		24,25
							15,17
7JU849	PowerPlex® 16						
	2	Not Tested	Not Tested	Not Tested	15,17	12,13	8,12
		14,14	Not Tested	Not Tested	11,13	9,11	17,18
		Not Tested	31,33.2	Not Tested	X,Y	10,12	24,25
		2.2,10	10,16	Not Tested	7,8	9,11	15,17
7KAPKD	Identifiler®						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
7KJLZ	Identifiler®						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
7KYU8L	GLOBALFILER						
	2	12,14	25,25	11,14	15,17	12,13	8,12
		14,14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16,16	X,Y	10,12	24,25
				11.2,18	7,8	9,11	15,17
7T9APU	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17



TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 2 - STR Results</b>							
7TJWVP	Identifiler®						
	2	N/A	25,25	N/A	15,17	12,13	8,12
		14,14	N/A	N/A	11,13	9,11	17,18
		14,15.2	31,33.2	N/A	X,Y	10,12	24,25
		N/A	N/A	N/A	7,8	9,11	15,17
7TKQHG	PowerPlex® 16						
	2	N/A	N/A	N/A	15,17	12,13	8,12
		14,14	N/A	N/A	11,13	9,11	17,18
		N/A	31,33.2	N/A	X,Y	10,12	24,25
		2.2,10	10,16	N/A	7,8	9,11	15,17
7UVMVX	Identifiler® Plus						
	2	-	25	-	15,17	12,13	8,12
		14	-	-	11,13	9,11	17,18
		14,15.2	31,33.2	-	X,Y	10,12	24,25
		-	-	-	7,8	9,11	15,17
7VHCR7	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
7XVW3U	Identifiler®						
	2	-	25	-	15,17	12,13	8,12
		14	-	-	11,13	9,11	17,18
		14,15.2	31,33.2	-	X,Y	10,12	24,25
		-	-	-	7,8	9,11	15,17
86DPTJ	Identifiler® Plus, Direct, MiniFiler						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
8BLQC3	Identifiler®						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA
<b>Item 2 - STR Results</b>							
8KAU7M	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
8PH6AB	PowerPlex® 18D						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
8QBVMG	PowerPlex® 21						
	2	12,14	25,25	-	15,17	12,13	8,12
		14,14	-	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	-	X,Y	10,12	24,25
		2.2,10	10,16	-	7,8	9,11	15,17
8QHXHR	Identifiler® Direct						
	2	-	25	-	15,17	12,13	8,12
		14	-	-	11,13	9,11	17,18
		14,15.2	31,33.2	-	X,Y	10,12	24,25
		-	-	-	7,8	9,11	15,17
8UGC4K	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
8UNVAH	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
8W4PNU	Identifiler® Plus						
	2	no profile	25,25	no profile	15,17	12,13	8,12
		14,14	no profile	no profile	11,13	9,11	17,18
		14,15.2	31,33.2	no profile	X,Y	10,12	24,25
		no profile	no profile	no profile	7,8	9,11	15,17

TABLE 2

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

Item 2 - STR Results

8WKEJN	IDENTIFILER Plus						
	2	NA	25	NA	15,17	12,13	8,12
		14	NA	NA	11,13	9,11	17,18
		14,15.2	31,33.2	NA	X,Y	10,12	24,25
		NA	NA	NA	7,8	9,11	15,17
8XHW66	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
8XUM22	PowerPlex® Fusion, PP16 HS (Data Review)						
	2	12,14	25	11,14	15,17	12,13	8,12
		14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16	X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
8ZLTA6	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
8ZRUPD	GlobalFiler						
	2	12,14	25,25	11,14	15,17	12,13	8,12
		14,14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16,16	X,Y	10,12	24,25
				11.2,18	7,8	9,11	15,17
94E8J9	Identifiler® Identifiler Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
94TAU9	Identifiler® Identifiler Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17

TABLE 2

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

97K7M9	Identifiler®						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
9AGUZA	PowerPlex® 16 HS, PowerPlex® ESX17						
	2	12,14	25,25	11,14	15,17	12,13	8,12
		14,14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16,16	X,Y	10,12	24,25
		2.2,10	10,16	11.2,18	7,8	9,11	15,17
9CEJY4	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
9CFA2R	GlobalFiler Express						
	2	12,14	25,25	11,14	15,17	12,13	8,12
		14,14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16,16	X,Y	10,12	24,25
				11.2,18	7,8	9,11	15,17
9CP389	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
9CY8DR	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
9EWECF	PowerPlex® ESI-17 Fast, ESX-17 Fast						
	2	12,14	25	11,14	15,17		
		14	13,15	17,17.3		9,11	17,18
		14,15.2	31,33.2	16	X,Y		24,25
				11.2,18	7,8		15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA
<b>Item 2 - STR Results</b>							
9GTW3C	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
9H24FJ	Identifiler®						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
9HMRHT	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
9J37U9	Identifiler® Direct						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
9J97HH	Identifiler® Plus, Direct, MiniFiler						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
9KWRL	COfiler® and Profiler Plus® profiler® Plus, Identifiler® Plus, MiniFiler						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
9M46ME	Identifiler® Plus, PowerPlex® 16						
	2	N/A	25,25	N/A	15,17	12,13	8,12
		14,14	N/A	N/A	11,13	9,11	17,18
		14,15.2	31,33.2	N/A	X,Y	10,12	24,25
	2.2,10	10,16	N/A	7,8	9,11	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA
<b>Item 2 - STR Results</b>							
9MACV3	Identifiler®						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
9MUFK9	Identifiler® Identifiler Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
9MYRLC	GlobalFiler™						
	2	12,14	25,25	11,14	15,17	12,13	8,12
		14,14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16,16	X,Y	10,12	24,25
			11.2,18	7,8	9,11	15,17	
9RDDNQ	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
9VBZY7	Identifiler® Plus, MiniFiler						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
9VLFZF	Identifiler® , GoldenEye 20A						
	2		25		15,17	12,13	8,12
		14		17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
	2.2,10	10,16		7,8	9,11	15,17	
9W27BQ	PowerPlex® HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
	2.2,10	10,16		7,8	9,11	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 2 - STR Results</b>							
9WEMHC	Identifiler®						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
9XTNBL	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
9Y4N8F	Identifiler®						
	2	NA	25	NA	15,17	12,13	8,12
		14	NA	NA	11,13	9,11	17,18
		14,15.2	31,33.2	NA	X,Y	10,12	24,25
		NA	NA	NA	7,8	9,11	15,17
9YRFBJ	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14,14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
9ZQEUR	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
A2LVZT	PowerPlex® Fusion						
	2	12,14	25	11,14	15,17	12,13	8,12
		14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16	X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
A3DABJ	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 2 - STR Results</b>							
A3GFQY	Identifiler Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
A3Z3LA	Identifiler®						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
A7F4EF	Identifiler® Direct, Plus, MiniFiler						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
AFLXNM	Identifiler® , MiniFiler						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
AG74BX	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
AH2QYN	Identifiler Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
AMWCXD	Identifiler® Plus, PowerPlex® 18D						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17



TABLE 2

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

Item 2 - STR Results

APCKNJ	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
AT2BA3	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
ATR6LR	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
ATWCW2	Identifiler® Plus						
	2	-	25,25	-	15,17	12,13	8,12
		14,14	-	-	11,13	9,11	17,18
		14,15.2	31,33.2	-	X,Y	10,12	24,25
				7,8	9,11	15,17	
AURV2M	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
AV3JBR	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
	2.2,10	10,16		7,8	9,11	15,17	
AZY63U	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
	2.2,10	10,16		7,8	9,11	15,17	

TABLE 2

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

Item 2 - STR Results

B2A4YP	Globalfiler Express						
	2	12,14	25,25	11,14	15,17	12,13	8,12
		14,14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16,16	X,Y	10,12	24,25
			11.2,18	7,8	9,11	15,17	
B3U8FA	Identifiler®						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
B6U3LK	Identifiler® Plus, MiniFiler						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
B7YQN3	Identifiler® Plus, MiniFiler						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
B8GLMH	PowerPlex® PP21						
	2	12,14	25,25		15,17	12,13	8,12
		14,14		17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
	2.2,10	10,16		7,8	9,11	15,17	
B8YVCC	COfiler® and Profiler Plus® Profiler Plus, Identifiler® Plus, MiniFiler						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
BADZJ2	Globalfiler						
	2	12,14	25,25	11,14	15,17	12,13	8,12
		14,14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16,16	X,Y	10,12	24,25
			11.2,18	7,8	9,11	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 2 - STR Results</b>							
BAGHL7	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
BGFQ3B	Identifiler® Identifiler Plus, PowerPlex® PowerPlex® 18D						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
BGNJ9Z	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
BGZ7FT	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
BHPN68	Identifiler®						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
BHTQ2L	Identifiler® Direct						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
BHUVZA	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17

TABLE 2

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

Item 2 - STR Results

BLA4QF	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
BLVRRP	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
BN6UM2	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
BNYQPB	Identifiler®						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
BP9V4Y	PowerPlex® Fusion						
	2	12,14	25	11,14	15,17	12,13	8,12
		14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16	X,Y	10,12	24,25
	2.2,10	10,16		7,8	9,11	15,17	
BPTLZQ	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
BRJP3X	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	

TABLE 2

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

Item 2 - STR Results

BT2J6T	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
BWH3PN	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
BWX6WW	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
BXRZDD	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
BYGH3R	ID+						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
BYKXGD	Identifiler® Plus, PowerPlex® 18D						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
BYLL6J	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14,14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA
<b>Item 2 - STR Results</b>							
BZXD27	Identifiler® Direct						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
C2684J	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
C2YHJE	Identifiler® ID and Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
C62TX8	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
C7CCHJ	Identifiler® Plus						
	2	N/A	25,25	N/A	15,17	12,13	8,12
		14,14	N/A	N/A	11,13	9,11	17,18
		14,15.2	31,33.2	N/A	X,Y	10,12	24,25
		N/A	N/A	N/A	7,8	9,11	15,17
CA86DZ	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
CACG8X	PowerPlex® Fusion						
	2	12,14	25,25	11,14	15,17	12,13	8,12
		14,14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16,16	X,Y	10,12	24,25
		2.2,10	10,16	-	7,8	9,11	15,17

TABLE 2

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

Item 2 - STR Results

CCNPN4	Identifiler® Direct						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
CDGEZK	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
CDJAFA	Identifiler® +						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
CM6F7L	Identifiler Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
CMHY6X	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
CMWUKT	PowerPlex® Fusion						
	2	12,14	25	11,14	15,17	12,13	8,12
		14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16	X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
CPCTUE	GlobalFiler						
	2	12,14	25,25	11,14	15,17	12,13	8,12
		14,14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16,16	X,Y	10,12	24,25
			11.2,18	7,8	9,11	15,17	

TABLE 2

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

## Item 2 - STR Results

CVCNN2	Identifiler® Direct, PowerPlex® ESX 17						
	2	12,14	25,25	11,14	15,17	12,13	8,12
		14,14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16,16	X,Y	10,12	24,25
				11.2,18	7,8	9,11	15,17
CVF7Q8	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
CWABJY	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
CWNCY2	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
CXJXQ8	Identifiler®						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
D2XYFC	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
D9TZF2	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17



TABLE 2

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

Item 2 - STR Results

DARM7T	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
DBHEVY	Identifiler® Plus, PowerPlex® HS						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
DC7Z6N	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
DHJLKZ	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
DJ3PTE	Identifiler®						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
DKN4RH	Identifiler®						
	2	N/A	25,25	N/A	15,17	12,13	8,12
		14,14	N/A	N/A	11,13	9,11	17,18
		14,15.2	31,33.2	N/A	X,Y	10,12	24,25
		N/A	N/A	N/A	7,8	9,11	15,17
DP3KZR	PowerPlex® Fusion						
	2	12,14	25	11,14	15,17	12,13	8,12
		14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16	X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17

TABLE 2

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

Item 2 - STR Results

DQHPQ4	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
DURCEV	Identifiler®						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
DXMCT6	Identifiler® Direct						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
DXY3P3	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
DZNEK2	Identifiler® Plus, MiniFiler						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
E34WWX	PowerPlex® Fusion						
	2	12,14	25,25	11,14	15,17	12,13	8,12
		14,14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16,16	X,Y	10,12	24,25
		2.2,10	10,16	-	7,8	9,11	15,17
E6YTZ6	GLOBALFILER						
	2	12,14	25,25	11,14	15,17	12,13	8,12
		14,14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16,16	X,Y	10,12	24,25
			11.2,18	7,8	9,11	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 2 - STR Results</b>							
E7A4QC	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
E8G6MN	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
ECJUH3	Identifiler® Direct						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
ED8EUZ	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
EGYELV	PowerPlex® Fusion						
	2	12,14	25,25	11,14	15,17	12,13	8,12
		14,14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16,16	X,Y	10,12	24,25
		2.2,10	10,16	-	7,8	9,11	15,17
ENN27M	PowerPlex® 16 HS						
	2	N/A	N/A	N/A	15,17	12,13	8,12
		14	N/A	N/A	11,13	9,11	17,18
		N/A	31,33.2	N/A	X,Y	10,12	24,25
		2.2,10	10,16	N/A	7,8	9,11	15,17
ENN7FP	Identifiler Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 2 - STR Results</b>							
EPTL62	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
EPXW4T	Identifiler®						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
EUCCXR	Identifiler® Plus						
	2	-	25	-	15,17	12,13	8,12
		14	-	-	11,13	9,11	17,18
		14,15.2	31,33.2	-	X,Y	10,12	24,25
		-	-	-	7,8	9,11	15,17
EUWJ4F	GlobalFiler Express						
	2	12,14	25	11,14	15,17	12,13	8,12
		14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16	X,Y	10,12	24,25
				11.2,18	7,8	9,11	15,17
EVZT6E	Identifiler® , Identifiler Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
EX93XB	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
EXRHBX	Identifiler® Plus, MiniFiler						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 2 - STR Results</b>							
EZFARP	Identifiler® Plus						
	2	-	25,25	-	15,17	12,13	8,12
		14,14	-	-	11,13	9,11	17,18
		14,15.2	31,33.2	-	X,Y	10,12	24,25
		-	-	-	7,8	9,11	15,17
EZK827	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
F2K BXF	Identifiler®						
	2	N/A	25,25	N/A	15,17	12,13	8,12
		14,14	N/A	N/A	11,13	9,11	17,18
		14,15.2	31,33.2	N/A	X,Y	10,12	24,25
		N/A	N/A	N/A	7,8	9,11	15,17
F42ZHQ	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
F6M2BM	PowerPlex® 16						
	2				15,17	12,13	8,12
		14			11,13	9,11	17 <sup>^</sup> ,18 <sup>^</sup>
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
F6UVY9	PowerPlex® 16 HS						
	2	not tested	not tested	not tested	15,17	12,13	8,12
		14	not tested	not tested	11,13	9,11	17,18
		not tested	31,33.2	not tested	X,Y	10,12	24,25
		2.2,10	10,16	not tested	7,8	9,11	15,17
F8D WXZ	Identifiler® Plus, MiniFiler						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17

TABLE 2

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

Item 2 - STR Results

F8DYM6	PowerPlex® Fusion						
	2	12,14	25	11,14	15,17	12,13	8,12
		14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16	X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
F9FDKY	Identifiler® Direct						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
FD3XZU	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
FD3ZPX	PowerPlex® Fusion						
	2	12,14	25	11,14	15,17	12,13	8,12
		14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16	X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
FDKG47	PowerPlex® 16 HS						
	2	-	-	-	15,17	12,13	8,12
		14	-	-	11,13	9,11	17,18
		-	31,33.2	-	X,Y	10,12	24,25
		2.2,10	10,16	-	7,8	9,11	15,17
FKJFBG	Identifiler® Plus						
	2	-	25	-	15,17	12,13	8,12
		14	-	-	11,13	9,11	17,18
		14,15.2	31,33.2	-	X,Y	10,12	24,25
		-	-	-	7,8	9,11	15,17
FN24ZZ	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 2 - STR Results</b>							
FN7HTT	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y 7,8	10,12 9,11	24,25 15,17
FNNHJC	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y 7,8	10,12 9,11	24,25 15,17
FU7GRQ	Identifiler® Plus						
	2	-	25	-	15,17	12,13	8,12
		14	-	-	11,13	9,11	17,18
		14,15.2	31,33.2	-	X,Y 7,8	10,12 9,11	24,25 15,17
FX78A4	Identifiler® Identifiler Plus, MiniFiler						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y 7,8	10,12 9,11	24,25 15,17
FYFNDN	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y 7,8	10,12 9,11	24,25 15,17
FYPRGM	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y 7,8	10,12 9,11	24,25 15,17
FZJFXW	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y 7,8	10,12 9,11	24,25 15,17

TABLE 2

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

Item 2 - STR Results

G2K2P2	Identifiler® Plus						
	2	NA	25,25	NA	15,17	12,13	8,12
		14,14	NA	NA	11,13	9,11	17,18
		14,15.2	31,33.2	NA	X,Y	10,12	24,25
		NA	NA	NA	7,8	9,11	15,17
G47CJU	PowerPlex® Fusion						
	2	12,14	25,25	11,14	15,17	12,13	8,12
		14,14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16,16	X,Y	10,12	24,25
		2.2,10	10,16	-	7,8	9,11	15,17
G974QC	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
GDJTGZ	Identifiler® Plus, MiniFiler						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
GG88DF	Identifiler®						
	2	N/A	25,25	N/A	15,17	12,13	8,12
		14,14	N/A	N/A	11,13	9,11	17,18
		14,15.2	31,33.2	N/A	X,Y	10,12	24,25
		N/A	N/A	N/A	7,8	9,11	15,17
GGWM6K	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
GJWKYE	Identifiler® Plus, MiniFiler						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	



TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 2 - STR Results</b>							
GKDL6F	Identifiler® Direct						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
GMRDRA	GlobalFiler						
	2	12,14	25,25	11,14	15,17	12,13	8,12
		14,14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16,16	X,Y	10,12	24,25
				11.2,18	7,8	9,11	15,17
GN4BY	Identifiler® Direct						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
GPMRYZ	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
GPT8Z9	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
GTGXRJ	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
GTX2FJ	GlobalFiler Express						
	2	12,14	25,25	11,14	15,17	12,13	8,12
		14,14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16,16	X,Y	10,12	24,25
				11.2,18	7,8	9,11	15,17

TABLE 2

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

Item 2 - STR Results

GU2G4V	Identifiler® Plus, PowerPlex® 16 HS						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
GVFQDV	PowerPlex® Fusion						
	2	12,14	25,25	11,14	15,17	12,13	8,12
		14,14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16,16	X,Y	10,12	24,25
		2.2,10	10,16	-	7,8	9,11	15,17
GVZYNQ	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
	2.2,10	10,16		7,8	9,11	15,17	
GWDJLL	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
GXPAJP	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
H3F46H	Identifiler Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
H4NQEB	PowerPlex® ESI 16, in-house kit						
	2	12,14	25	11,14	15,17		
		14	13,15	17,17.3		9,11	17,18
		14,15.2	31,33.2	16	X,Y		24,25
				7,8		15,17	

TABLE 2

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

Item 2 - STR Results

H7TA9C	Identifiler®						
	2	N/A	25,25	N/A	15,17	12,13	8,12
		14,14	N/A	N/A	11,13	9,11	17,18
		14,15.2	31,33.2	N/A	X,Y	10,12	24,25
		N/A	N/A	N/A	7,8	9,11	15,17
H94V96	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
HBMW6C	GlobalFiler Express						
	2	12,14	25	11,14	15,17	12,13	8,12
		14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16	X,Y	10,12	24,25
			11.2,18	7,8	9,11	15,17	
HCFJT9	Identifiler® Identifiler Plus						
	2	-	25	-	15,17	12,13	8,12
		14	-	-	11,13	9,11	17,18
		14,15.2	31,33.2	-	X,Y	10,12	24,25
		-	-	-	7,8	9,11	15,17
HCMYUF	Identifiler®						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
HE6KJC	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
HE798G	Identifiler®						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	

TABLE 2

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

Item 2 - STR Results

HE8TRG	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
	14				11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
	2.2,10		10,16		7,8	9,11	15,17
HFGVGL	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
	14				11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
	2.2,10		10,16		7,8	9,11	15,17
HGCVKL	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
	14,14				11,13	9,11	17,18
	14,15.2		31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
HHAMUR	Identifiler® Plus						
	2		25		15,17	12,13	8,12
	14				11,13	9,11	17,18
	14,15.2		31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
HMHQ4L	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
	14,14				11,13	9,11	17,18
	14,15.2		31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
HMTKTU	PowerPlex® ESX17, 21, CS7						
	2	12,14	25	11,14	15,17	12,13	8,12
	14		13,15	17,17.3	11,13	9,11	17,18
	14,15.2		31,33.2	16	X,Y	10,12	24,25
	2.2,10		10,16	11.2,18	7,8	9,11	15,17
HRDQRB	Identifiler® Plus						
	2		25		15,17	12,13	8,12
	14				11,13	9,11	17,18
	14,15.2		31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	

TABLE 2

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

Item 2 - STR Results

HRP9A2	Identifiler® Plus, MiniFiler						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
HWCZ7J	PowerPlex® HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
HY2DVG	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
HYPQMR	PowerPlex® Fusion						
	2	12,14	25,25	11,14	15,17	12,13	8,12
		14,14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16,16	X,Y	10,12	24,25
		2.2,10	10,16	-	7,8	9,11	15,17
J288FW	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
J2DHEP	Identifiler®						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
J8L6LD	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	

TABLE 2

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

Item 2 - STR Results

J8XKFZ	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
	14				11,13	9,11	17,18
	2.2,10		31,33.2		X,Y	10,12	24,25
			10,16		7,8	9,11	15,17
J8YXX8	Identifiler® Plus						
	2		25		15,17	12,13	8,12
	14				11,13	9,11	17,18
	14,15.2		31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
JAJAKK	Identifiler® Plus						
	2		25		15,17	12,13	8,12
	14				11,13	9,11	17,18
	14,15.2		31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
JC3746	PowerPlex® 16 HS						
	2	-	-	-	15,17	12,13	8,12
	14		-	-	11,13	9,11	17,18
	-		31,33.2	-	X,Y	10,12	24,25
	2.2,10		10,16	-	7,8	9,11	15,17
JCF29J	Identifiler® Plus						
	2		25		15,17	12,13	8,12
	14				11,13	9,11	17,18
	14,15.2		31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
JCWK94	GlobalFiler						
	2	12,14	25	11,14	15,17	12,13	8,12
	14		13,15	17,17.3	11,13	9,11	17,18
	14,15.2		31,33.2	16	X,Y	10,12	24,25
				11.2,18	7,8	9,11	15,17
JD7Y6B	Identifiler® Plus						
	2	NA	25	NA	15,17	12,13	8,12
	14		NA	NA	11,13	9,11	17,18
	14,15.2		31,33.2	NA	X,Y	10,12	24,25
		NA	NA	NA	7,8	9,11	15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 2 - STR Results</b>							
JDW496	PowerPlex® 16						
	2				15,17	12,13	8,12
	14				11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
	2.2,10		10,16		7,8	9,11	15,17
JE4NPD	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
	14				11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
	2.2,10		10,16		7,8	9,11	15,17
JH4RMR	Identifiler® Plus						
	2		25		15,17	12,13	8,12
	14				11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
JHCKUF	Identifiler Plus						
	2		25,25		15,17	12,13	8,12
	14,14				11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
JHE6YW	Identifiler® Plus						
	2		25		15,17	12,13	8,12
	14				11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
JJYDEW	Identifiler® Plus						
	2		25		15,17	12,13	8,12
	14				11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
JL3YX4	Identifiler®						
	2		25		15,17	12,13	8,12
	14				11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 2 - STR Results</b>							
JM6K9B	Identifiler® Plus, MiniFiler						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
JN9KL4	Identifiler®						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
JRC2D6	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
JTNW2H	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
JURDPV	PowerPlex® ESIPRO 17, ESX17						
	2	12,14	25	11,14	15,17		
		14	13,15	17,17.3		9,11	17,18
		14,15.2	31,33.2	16	X,Y		24,25
				11.2,18	7,8		15,17
JX2WZV	PowerPlex® PP 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
JYN29M	Identifiler® Plus						
	2	-	25,25	-	15,17	12,13	8,12
		14,14	-	-	11,13	9,11	17,18
		14,15.2	31,33.2	-	X,Y	10,12	24,25
		-	-	-	7,8	9,11	15,17



TABLE 2

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

Item 2 - STR Results

K2GLXD	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
K3NELE	Identifiler®						
	2	-	25	-	15,17	12,13	8,12
		14	-	-	11,13	9,11	17,18
		14,15.2	31,33.2	-	X,Y	10,12	24,25
				7,8	9,11	15,17	
K4ZPJP	PowerPlex® PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
K6PMPP	Identifiler® , MiniFiler						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
K7434Q	Identifiler® Plus						
	2	not tested	25,25	not tested	15,17	12,13	8,12
		14,14	not tested	not tested	11,13	9,11	17,18
		14,15.2	31,33.2	not tested	X,Y	10,12	24,25
		not tested	not tested	7,8	9,11	15,17	
K7JDRX	Identifiler® Direct						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
K9QNR8	Identifiler® Identifiler Plus, Identifiler Direct, MiniFiler						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 2 - STR Results</b>							
KCRBJV	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
KD2UCK	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
KFWUP4	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
KFXK3D	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
KGBZBK	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
KHFT2D	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
KHXQ9J	PowerPlex® Fusion						
	2	12,14	25	11,14	15,17	12,13	8,12
		14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16	X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17

TABLE 2

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

Item 2 - STR Results

KLVUH	Identifiler® Identifiler Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
KLL8XJ	Identifiler® Plus						
	2	-	25,25	-	15,17	12,13	8,12
		14,14	-	-	11,13	9,11	17,18
		14,15.2	31,33.2	-	X,Y	10,12	24,25
				7,8	9,11	15,17	
KP4BJV	PowerPlex® 18 D						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
KPN69C	Identifiler Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
KPTA99	Identifiler® , PowerPlex® 16 HS						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
KPYHHV	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
KR7E6Q	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 2 - STR Results</b>							
KVMHJU	Identifiler® Direct						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
KWMPA8	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14,14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
KWU67R	PowerPlex® Fusion						
	2	12,14	25	11,14	15,17	12,13	8,12
		14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16	X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
KXVRC7	PowerPlex® 16						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
KZ8GLA	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
L4D8XA	Identifiler® Identifiler Plus						
	2	NA	25	NA	15,17	12,13	8,12
		14	NA	NA	11,13	9,11	17,18
		14,15.2	31,33.2	NA	X,Y	10,12	24,25
		NA	NA	NA	7,8	9,11	15,17
L4DNAR	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17

TABLE 2

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

Item 2 - STR Results

L4UVDN	PowerPlex® 16 HS						
	2	-	-	-	15,17	12,13	8,12
		14	-	-	11,13	9,11	17,18
		-	31,33.2	-	X,Y	10,12	24,25
		2.2,10	10,16	-	7,8	9,11	15,17
L7F792	PowerPlex® 16-HS						
	2				15,17	12,13	8,12
		14,14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
L8EPAN	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
L8FWLC	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
L8J99D	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
LB9X84	PowerPlex® HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
LBV24K	PowerPlex® Fusion						
	2	12,14	25	11,14	15,17	12,13	8,12
		14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16	X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17

TABLE 2

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

Item 2 - STR Results

LCQMVP	PowerPlex® Fusion						
	2	12,14	25	11,14	15,17	12,13	8,12
		14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16	X,Y	10,12	24,25
	2.2,10	10,16		7,8	9,11	15,17	
LGPVLJ	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
LHFPU3	PowerPlex® 18D						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
	2.2,10	10,16		7,8	9,11	15,17	
LJN4YN	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
LJZUX7	Identifiler® Plus, PowerPlex® 16 HS						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
	2.2,10	10,16		7,8	9,11	15,17	
LL3P94	Identifiler® Identifiler Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
LMECT4	Identifiler Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 2 - STR Results</b>							
LPXGFF	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2,2,10	10,16		7,8	9,11	15,17
LQA8FJ	PowerPlex® Fusion, PP16 HS						
	2	12,14	25	11,14	15,17	12,13	8,12
		14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16	X,Y	10,12	24,25
		2,2,10	10,16		7,8	9,11	15,17
LRNVPB	Identifiler® Identifiler Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
LVQPRM	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
LWCVZR	Identifiler® Plus, PowerPlex® HS						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
		2,2,10	10,16		7,8	9,11	15,17
LZACCL	Identifiler® Plus						
	2	-	25	-	15,17	12,13	8,12
		14	-	-	11,13	9,11	17,18
		14,15.2	31,33.2	-	X,Y	10,12	24,25
		-	-	-	7,8	9,11	15,17
LZV2HM	Identifiler® Plus						
	2	-	25,25	-	15,17	12,13	8,12
		14,14	-	-	11,13	9,11	17,18
		14,15.2	31,33.2	-	X,Y	10,12	24,25
		-	-	-	7,8	9,11	15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 2 - STR Results</b>							
M2DQRP	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
M3YGNA	PowerPlex® PP16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
M4GE4G	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
M6KXKH	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
M6PNYY	PowerPlex® 16 HS						
	2	n/a	n/a	n/a	15,17	12,13	8,12
		14	n/a	n/a	11,13	9,11	17,18
		n/a	31,33.2	n/a	X,Y	10,12	24,25
		2.2,10	10,16	n/a	7,8	9,11	15,17
M7KAP6	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14,14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
M7ZHQT	PowerPlex® 18D						
	2	-	25	-	15,17	12,13	8,12
		14	-	-	11,13	9,11	17,18
		14,15.2	31,33.2	-	X,Y	10,12	24,25
		2.2,10	10,16	-	7,8	9,11	15,17



TABLE 2

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

Item 2 - STR Results

M92UYD	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
M9LYM2	Identifiler® Direct						
	2	-	25	-	15,17	12,13	8,12
		14	-	-	11,13	9,11	17,18
		14,15.2	31,33.2	-	X,Y	10,12	24,25
				7,8	9,11	15,17	
M9M7XL	PowerPlex® Fusion						
	2	12,14	25	11,14	15,17	12,13	8,12
		14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16	X,Y	10,12	24,25
	2.2,10	10,16		7,8	9,11	15,17	
M9RPYW	PowerPlex® HS						
	2				15,17	12,13	8,12
		14,14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
	2.2,10	10,16		7,8	9,11	15,17	
MALBP2	Identifiler Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
MAMANG	Identifiler® Plus						
	2	-	25,25	-	15,17	12,13	8,12
		14,14	-	-	11,13	9,11	17,18
		14,15.2	31,33.2	-	X,Y	10,12	24,25
				7,8	9,11	15,17	
MBRRWK	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	

TABLE 2

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

Item 2 - STR Results

MC6GXC	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14,14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
MDT2GL	PowerPlex® Fusion						
	2	12,14	25	11,14	15,17	12,13	8,12
		14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16	X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
MEURUW	Identifiler® Plus, MiniFiler						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
MF4CP7	PowerPlex® ESI 17 PRO, AB NGM SElect						
	2	12,14	25	11,14	15,17		
		14	13,15	17,17.3		9,11	17,18
		14,15.2	31,33.2	16	X,Y		24,25
			11.2,18	7,8		15,17	
MFQA2R	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
MJ7JCA	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
MJ8GM7	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14,14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17

TABLE 2

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

Item 2 - STR Results

MJHWNE	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
MJQC3L	PowerPlex® 18D						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
MK9AMY	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
MKCK6P	Identifiler®						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
MKUZQ6	Profiler Plus						
	2				15,17	12,13	8,12
		14,14			11,13		17,18
		31,33.2		X,Y		24,25	
						15,17	
MPAHVM	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
MUN96N	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	

TABLE 2

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

Item 2 - STR Results

MV3P79	PowerPlex® 16						
	2				15,17	12,13	8,12
	14				11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
	2.2,10		10,16		7,8	9,11	15,17
MV4FGX	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
	14,14				11,13	9,11	17,18
	14,15.2		31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
MX23T8	Identifiler® Plus						
	2		25		15,17	12,13	8,12
	14				11,13	9,11	17,18
	14,15.2		31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
N2XKDZ	Identifiler® Direct						
	2		25		15,17	12,13	8,12
	14				11,13	9,11	17,18
	14,15.2		31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
N4KRN2	Identifiler® Plus						
	2		25		15,17	12,13	8,12
	14				11,13	9,11	17,18
	14,15.2		31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
N88Y2Q	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
	14,14				11,13	9,11	17,18
	14,15.2		31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
N9WCGN	Identifiler®						
	2		25		15,17	12,13	8,12
	14				11,13	9,11	17,18
	14,15.2		31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 2 - STR Results</b>							
NAP8ZP	PowerPlex® Fusion						
	2	12,14 14 14,15.2 2.2,10	25 13,15 31,33.2 10,16	11,14 17,17.3 16	15,17 11,13 X,Y 7,8	12,13 9,11 10,12 9,11	8,12 17,18 24,25 15,17
NAY8V7	Identifiler® Plus						
	2	na 14,14 14,15.2 na	25,25 na 31,33.2 na	na na na na	15,17 11,13 X,Y 7,8	12,13 9,11 10,12 9,11	8,12 17,18 24,25 15,17
NCLW26	Identifiler® Plus						
	2		25,25		15,17 11,13 X,Y 7,8	12,13 9,11 10,12 9,11	8,12 17,18 24,25 15,17
NCXWKT	Identifiler® Plus						
	2		25,25		15,17 11,13 X,Y 7,8	12,13 9,11 10,12 9,11	8,12 17,18 24,25 15,17
NEKY72	Identifiler® Identifiler and Identifiler Plus						
	2		25,25		15,17 11,13 X,Y 7,8	12,13 9,11 10,12 9,11	8,12 17,18 24,25 15,17
NHAJUP	Identifiler® Plus						
	2		25,25		15,17 11,13 X,Y 7,8	12,13 9,11 10,12 9,11	8,12 17,18 24,25 15,17
NJYHJ3	Identifiler® Plus						
	2		25,25		15,17 11,13 X,Y 7,8	12,13 9,11 10,12 9,11	8,12 17,18 24,25 15,17

TABLE 2

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

Item 2 - STR Results

NKF3JK	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
NMFHLG	Fusion						
	2	12,14	25	11,14	15,17	12,13	8,12
		14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16	X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
NNEVKP	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
NP8A4E	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
NUKYGW	Identifiler®						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
NWXN2L	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
NZTDKE	Identifiler® Identifiler Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	

TABLE 2

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

Item 2 - STR Results

P2VVKT	Identifiler® Identifiler Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
P46PUZ	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
P6J8W7	Identifiler® Plus, MiniFiler						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
P9YN7A	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
PB9HZP	PowerPlex® 16 HS						
	2	NA	NA	NA	15,17	12,13	8,12
		14	NA	NA	11,13	9,11	17,18
		NA	31,33.2	NA	X,Y	10,12	24,25
	2.2,10	10,16	NA	7,8	9,11	15,17	
PBMCCCH	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
PF2NPC	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	

TABLE 2

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

Item 2 - STR Results

PJUG4U	Identifiler® Plus, MiniFiler						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
PLJB6A	Globalfiler express						
	2	12,14	25,25	11,14	15,17	12,13	8,12
		14,14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16,16	X,Y	10,12	24,25
				11.2,18	7,8	9,11	15,17
PNFJL7	PowerPlex® 16						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
	2.2,10	10,16		7,8	9,11	15,17	
PPJ339	PowerPlex® Fusion						
	2	12,14	25,25	11,14	15,17	12,13	8,12
		14,14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16,16	X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
PT8VDW	Identifiler Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
PUCE7X	Identifiler®						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
PW6G3E	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
	2.2,10	10,16		7,8	9,11	15,17	



TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 2 - STR Results</b>							
PXPYR8	Identifiler® Plus, PowerPlex® 16						
	2	25,25			15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
PZ8474	PowerPlex® 21						
	2	12,14	25,25		15,17	12,13	8,12
		14,14		17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
Q468BV	Identifiler® Plus						
	2	25,25			15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
Q8XNF4	Identifiler® Plus						
	2	NA	25	NA	15,17	12,13	8,12
		14	NA	NA	11,13	9,11	17,18
		14,15.2	31,33.2	NA	X,Y	10,12	24,25
		NA	NA	NA	7,8	9,11	15,17
Q9DXCB	Identifiler® Plus						
	2	25,25			15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
Q9TUPN	Identifiler® Plus						
	2	25,25			15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
QE27RF	Identifiler® Plus, MiniFiler						
	2	25,25			15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17

TABLE 2

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

Item 2 - STR Results

QJE66U	PowerPlex® Fusion						
	2	12,14	25	11,14	15,17	12,13	8,12
		14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16	X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
QJGH4P	Identifiler® DIRECT						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
QR72TC	Identifiler® Plus						
	2	N/T	25,25	N/T	15,17	12,13	8,12
		14,14	N/T	N/T	11,13	9,11	17,18
		14,15.2	31,33.2	N/T	X,Y	10,12	24,25
		N/T	N/T	N/T	7,8	9,11	15,17
QRGW74	Identifiler®						
	2	N/A	25,25	N/A	15,17	12,13	8,12
		14,14	N/A	N/A	11,13	9,11	17,18
		14,15.2	31,33.2	N/A	X,Y	10,12	24,25
		N/A	N/A	N/A	7,8	9,11	15,17
QT23WZ	GlobalFiler Express						
	2	12,14	25	11,14	15,17	12,13	8,12
		14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16	X,Y	10,12	24,25
				11.2,18	7,8	9,11	15,17
QU3KN6	Identifiler® Plus, MiniFiler						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
QWEF92	COfiler® and Profiler Plus®						
	2				15,17	12,13	8,12
		14,14			11,13		17,18
			31,33.2		X,Y		24,25
						15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 2 - STR Results</b>							
QYP3DV	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
R267CC	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
R2CJ7L	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
R2UFP9	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
R386WQ	Identifiler® Plus, MiniFiler						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
R3KQCU	Identifiler®						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
R4H6TL	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 2 - STR Results</b>							
R6AA66	Fusion						
	2	12,14 14 14,15.2 2.2,10	25 13,15 31,33.2 10,16	11,14 17,17.3 16	15,17 11,13 X,Y 7,8	12,13 9,11 10,12 9,11	8,12 17,18 24,25 15,17
R7VKT7	Identifiler® , Identifiler Plus, MiniFiler						
	2		25,25		15,17 11,13 X,Y 7,8	12,13 9,11 10,12 9,11	8,12 17,18 24,25 15,17
R9GCMV	PowerPlex® 16						
	2				15,17 11,13 X,Y 7,8	12,13 9,11 10,12 9,11	8,12 17,18 24,25 15,17
RBXQZ4	Identifiler® Plus						
	2		25		15,17 11,13 X,Y 7,8	12,13 9,11 10,12 9,11	8,12 17,18 24,25 15,17
RD3KDF	Identifiler® Plus						
	2		25,25		15,17 11,13 X,Y 7,8	12,13 9,11 10,12 9,11	8,12 17,18 24,25 15,17
RDGFVW	PowerPlex® 16						
	2	N/A 14,14 N/A 2.2,10	N/A N/A 31,33.2 10,16	N/A N/A N/A N/A	15,17 11,13 X,Y 7,8	12,13 9,11 10,12 9,11	8,12 17,18 24,25 15,17
RDRMFP	Identifiler® Direct						
	2		25		15,17 11,13 X,Y 7,8	12,13 9,11 10,12 9,11	8,12 17,18 24,25 15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 2 - STR Results</b>							
REFEE4	Identifiler® Plus						
	2	NA	25	NA	15,17	12,13	8,12
		14	NA	NA	11,13	9,11	17,18
		14,15.2	31,33.2	NA	X,Y	10,12	24,25
		NA	NA	NA	7,8	9,11	15,17
RF7TME	Identifiler® Plus						
	2	N/A	25,25	N/A	15,17	12,13	8,12
		14,14	N/A	N/A	11,13	9,11	17,18
		14,15.2	31,33.2	N/A	X,Y	10,12	24,25
		N/A	N/A	N/A	7,8	9,11	15,17
RG4LK4	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
RHP2KT	Identifiler®						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
RHTVND	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
RJBLYJ	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
RLGBCD	Identifiler®						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 2 - STR Results</b>							
RQT8RM	PowerPlex® 16 HS and FUSION						
	2	12,14	25	11,14	15,17	12,13	8,12
		14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16	X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
RTUNYK	PowerPlex® Fusion						
	2	12,14	25,25	11,14	15,17	12,13	8,12
		14,14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16,16	X,Y	10,12	24,25
		2.2,10	10,16	-	7,8	9,11	15,17
RUXMQE	Identifiler®						
	2	-	25,25	-	15,17	12,13	8,12
		14,14	-	-	11,13	9,11	17,18
		14,15.2	31,33.2	-	X,Y	10,12	24,25
		-	-	-	7,8	9,11	15,17
RV8MHE	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
RVGCJK	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
RVLE44	PowerPlex® Fusion						
	2	12,14	25	11,14	15,17	12,13	8,12
		14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16	X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
RX6HQF	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 2 - STR Results</b>							
RXKE3V	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
RYUB98	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
RZPNBR	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
T2KAEN	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
T2MCC3	Identifiler® Plus						
	2	NA	25	NA	15,17	12,13	8,12
		14	NA	NA	11,13	9,11	17,18
		14,15.2	31,33.2	NA	X,Y	10,12	24,25
		NA	NA	NA	7,8	9,11	15,17
T2ZW4C	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
T3HHM8	Identifiler®						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA
<b>Item 2 - STR Results</b>							
T4EQC6	Identifiler® Plus, MiniFiler						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
T7YZNP	Identifiler® Plus						
	2	NA	25,25	NA	15,17	12,13	8,12
		14,14	NA	NA	11,13	9,11	17,18
		14,15.2	31,33.2	NA	X,Y	10,12	24,25
		NA	NA	NA	7,8	9,11	15,17
T8ZD6R	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
TDFVQ8	Identifiler®						
	2	-	25	-	15,17	12,13	8,12
		14	-	-	11,13	9,11	17,18
		14,15.2	31,33.2	-	X,Y	10,12	24,25
		-	-	-	7,8	9,11	15,17
TLV2UW	PowerPlex® HS						
	2				15,17	12,13	8,12
		14,14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
TNHG9K	Identifiler®						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
TQ3TLG	PowerPlex® Fusion						
	2	12,14	25	11,14	15,17	12,13	8,12
		14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16	X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17



TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 2 - STR Results</b>							
TR6DTH	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
TRN2DY	PowerPlex® 21						
	2	12,14	25,25		15,17	12,13	8,12
		14,14		17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
TWRMQN	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
TWNUF	PowerPlex® Fusion Direct Amp						
	2	12,14	25	11,14	15,17	12,13	8,12
		14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16	X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
U4APR6	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
U6MGL8	PowerPlex® 18D						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
U7ZUHG	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17

TABLE 2

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

Item 2 - STR Results

U8T2CR	PowerPlex® 18D						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
	2.2,10	10,16		7,8	9,11	15,17	
UB9F7D	Identifiler® Direct						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
UBPE6J	Identifiler®						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
UDD3R6	GlobalFiler Express						
	2	12,14	25,25	11,14	15,17	12,13	8,12
		14,14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16,16	X,Y	10,12	24,25
			11.2,18	7,8	9,11	15,17	
UFGBKG	Identifiler® Plus						
	2	Not tested	25,25	Not tested	15,17	12,13	8,12
		14,14	Not tested	Not tested	11,13	9,11	17,18
		14,15.2	31,33.2	Not tested	X,Y	10,12	24,25
	Not tested	Not tested	Not tested	7,8	9,11	15,17	
UFJELZ	Identifiler® Plus, MiniFiler						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
UFZXGD	Identifiler® Plus						
	2	n/a	25,25	n/a	15,17	12,13	8,12
		14,14	n/a	n/a	11,13	9,11	17,18
		14,15.2	31,33.2	n/a	X,Y	10,12	24,25
	n/a	n/a	n/a	7,8	9,11	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 2 - STR Results</b>							
UGYT92	Identifiler® Plus, MiniFiler						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
UHK876	Identifiler®						
	2	-	25	-	15,17	12,13	8,12
		14	-	-	11,13	9,11	17,18
		14,15.2	31,33.2	-	X,Y	10,12	24,25
		-	-	-	7,8	9,11	15,17
UJL8LQ	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
UKNTQW	PowerPlex® 16, 16 HS						
	2				15,17	12,13	8,12
		14,14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
UN793A	Identifiler® Plus						
	2	-	25	-	15,17	12,13	8,12
		14	-	-	11,13	9,11	17,18
		14,15.2	31,33.2	-	X,Y	10,12	24,25
		-	-	-	7,8	9,11	15,17
UNCEND	Identifiler® Plus, MiniFiler						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
UNRPCK	PowerPlex® 16						
	2	N/A	N/A	N/A	15,17	12,13	8,12
		14,14	N/A	N/A	11,13	9,11	17,18
		N/A	31,33.2	N/A	X,Y	10,12	24,25
		2.2,10	10,16	N/A	7,8	9,11	15,17

TABLE 2

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

Item 2 - STR Results

UQPBMA	Identifiler Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
URJ73Q	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14,14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
UX2FCV	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
UXEN3Q	Identifiler® , PowerPlex® Hot start						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
UZ8T7G	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
V2CNHD	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
V2UBJG	Identifiler®						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17

TABLE 2

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

Item 2 - STR Results

VC2K9Z	Identifiler® , GlobalFiler Express						
	2	12,14	25	11,14	15,17	12,13	8,12
		14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16	X,Y	10,12	24,25
				11,2,18	7,8	9,11	15,17
VK8FZJ							
	2	12,14	25,25	11,14	15,17		
		14,14	13,15	17,17.3		9,11	17,18
		14,15.2	31,33.2	16,16	X,Y		24,25
					7,8		15,17
VKLGR8	PowerPlex® 18D						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
VKPKHH	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
VKRJPR	Identifiler® Identifiler Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
VLNJ2Q	Identifiler®						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
VMU8VM	Identifiler® Plus						
	2	N/A	25,25	N/A	15,17	12,13	8,12
		14,14	N/A	N/A	11,13	9,11	17,18
		14,15.2	31,33.2	N/A	X,Y	10,12	24,25
		N/A	N/A	N/A	7,8	9,11	15,17

TABLE 2

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

Item 2 - STR Results

VP3DGN	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
VRFU42	Identifiler® Plus, MiniFiler						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
VRXKE8	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
VUGXJ3	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
VW7QFZ	Identifiler® Plus						
	2	NA	25	NA	15,17	12,13	8,12
		14	NA	NA	11,13	9,11	17,18
		14,15.2	31,33.2	NA	X,Y	10,12	24,25
		NA	NA	NA	7,8	9,11	15,17
VW897P	Identifiler®						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
VZNCH2	Identifiler®						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA
<b>Item 2 - STR Results</b>							
W4JMQ7	PowerPlex® PP16 HS, Fusion						
	2	12,14	25	11,14	15,17	12,13	8,12
		14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16	X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
W4KD4F	Identifiler Plus and MiniFiler						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
W69T9G	Identifiler®						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
W73DK3	Identifiler®						
	2	-	25	-	15,17	12,13	8,12
		14	-	-	11,13	9,11	17,18
		14,15.2	31,33.2	-	X,Y	10,12	24,25
		-	-	-	7,8	9,11	15,17
WA7396	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
WA7YHZ	Identifiler®						
	2	-	25,25	-	15,17	12,13	8,12
		14,14	-	-	11,13	9,11	17,18
		14,15.2	31,33.2	-	X,Y	10,12	24,25
		-	-	-	7,8	9,11	15,17
WC3KZD	Identifiler® Direct						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA
<b>Item 2 - STR Results</b>							
WGL7C4	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2,2,10	10,16		7,8	9,11	15,17
WHKNJU	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
WHVTTC	Identifiler® Plus						
	2	-	25,25	-	15,17	12,13	8,12
		14,14	-	-	11,13	9,11	17,18
		14,15.2	31,33.2	-	X,Y	10,12	24,25
		-	-	-	7,8	9,11	15,17
WJFPHC	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2,2,10	10,16		7,8	9,11	15,17
WK62DB	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
WK6MNC	Identifiler®						
	2	n/a	25,25	n/a	15,17	12,13	8,12
		14,14	n/a	n/a	11,13	9,11	17,18
		14,15.2	31,33.2	n/a	X,Y	10,12	24,25
		n/a	n/a	n/a	7,8	9,11	15,17
WME462	Globalfiler Express						
	2	12,14	25,25	11,14	15,17	12,13	8,12
		14,14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16,16	X,Y	10,12	24,25
				11,2,18	7,8	9,11	15,17



TABLE 2

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

Item 2 - STR Results

WNUCV	PowerPlex® 21						
	2	12,14	25,25		15,17	12,13	8,12
		14,14		17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
WPXQBN	Identifiler®						
	2	-	25	-	15,17	12,13	8,12
		14	-	-	11,13	9,11	17,18
		14,15.2	31,33.2	-	X,Y	10,12	24,25
		-	-	-	7,8	9,11	15,17
WQ8XEG	PowerPlex® Fusion						
	2	12,14	25	11,14	15,17	12,13	8,12
		14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16	X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
WRNM29	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
WUYBW7	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
WXWTE	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
WZGED3	Identifiler®						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17

TABLE 2

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

## Item 2 - STR Results

X3GEXC	PowerPlex® Fusion, PowerPlex 16 HS						
	2	12,14	25	11,14	15,17	12,13	8,12
		14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16	X,Y	10,12	24,25
	2.2,10	10,16		7,8	9,11	15,17	
X3H6AM	Identifiler® Plus, MiniFiler						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
X6RLFR	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
X96CW	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
XALYEF	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
XAURL6	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
XAZWKF	Identifiler®						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	

TABLE 2

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

Item 2 - STR Results

XB3ACM	PowerPlex® PP16 HS						
	2				15,17	12,13	8,12
		14,14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
XC7LHH	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14,14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
XDGXHD	Identifiler® Plus, MiniFiler						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
XDVT2U	Identifiler®						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
XFBXUQ	Identifiler® Direct						
	2	-	25	-	15,17	12,13	8,12
		14	-	-	11,13	9,11	17,18
		14,15.2	31,33.2	-	X,Y	10,12	24,25
				7,8	9,11	15,17	
XFJH8R	Identifiler® and Identifiler Plus, Minifiler						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
XHUPP7	PowerPlex® Fusion						
	2	12,14	25	11,14	15,17	12,13	8,12
		14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16	X,Y	10,12	24,25
	2.2,10	10,16		7,8	9,11	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 2 - STR Results</b>							
XJ4DPQ	PowerPlex® 16 and 16 HS						
	2				15,17	12,13	8,12
		14,14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2,2,10	10,16		7,8	9,11	15,17
XKQXDH	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
XMPE9X	Identifiler®						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
XTCDPY	Identifiler®						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
XUD2C4	Identifiler Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
XX9YHM	Identifiler®						
	2		25,25		15,17	12,13	8,[12]
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
XXAPVW	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17

TABLE 2

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

Item 2 - STR Results

XYMF3F	Identifiler Plus						
	2	N/A	25,25	N/A	15,17	12,13	8,12
		14,14	N/A	N/A	11,13	9,11	17,18
		14,15.2	31,33.2	N/A	X,Y	10,12	24,25
		N/A	N/A	N/A	7,8	9,11	15,17
Y36NYU	Identifiler®						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
Y3FAAB	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
Y4PGC4	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
Y6644B	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
Y66W44	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
	2.2,10	10,16		7,8	9,11	15,17	
Y8XVAF	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	

TABLE 2

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

Item 2 - STR Results

YAX3H7	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
YB62DU	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
YC8PZZ	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
YCTJXA	PowerPlex® 18 Direct						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
YCYFTD	PowerPlex® Fusion, PowerPlex 16 HS						
	2	12,14	25	11,14	15,17	12,13	8,12
		14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16	X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
YD3RV2	Identifiler Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
YEVKY8	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17

TABLE 2

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

Item 2 - STR Results

YGKVRK	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
YHRRYP	Identifiler® and Identifiler[sic] Plus, MiniFiler						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
				7,8	9,11	15,17	
YJDQMU	PowerPlex® 21						
	2	12,14	25,25		15,17	12,13	8,12
		14,14		17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
	2.2,10	10,16		7,8	9,11	15,17	
YLWPY4	Identifiler® Plus						
	2	NA	25,25	NA	15,17	12,13	8,12
		14,14	NA	NA	11,13	9,11	17,18
		14,15.2	31,33.2	NA	X,Y	10,12	24,25
	NA	NA	NA	7,8	9,11	15,17	
YM4T39	Identifiler® Plus						
	2	-	25,25	-	15,17	12,13	8,12
		14,14	-	-	11,13	9,11	17,18
		14,15.2	31,33.2	-	X,Y	10,12	24,25
	-	-	-	7,8	9,11	15,17	
YMYKRZ	Identifiler®						
	2	-	25	-	15,17	12,13	8,12
		14	-	-	11,13	9,11	17,18
		14,15.2	31,33.2	-	X,Y	10,12	24,25
	-	-	-	7,8	9,11	15,17	
YQ249F	PowerPlex® 16						
	2	N/A	N/A	N/A	15,17	12,13	8,12
		14,14	N/A	N/A	11,13	9,11	17,18
		N/A	31,33.2	N/A	X,Y	10,12	24,25
	2.2,10	10,16	N/A	7,8	9,11	15,17	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 2 - STR Results</b>							
YTBU CV	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
YUDEJX	Identifiler® Plus, MiniFiler						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
YUGTDB	Identifiler®						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
YWQ86W	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
YYDJFG	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
YZ3QXR	Identifiler® , Identifiler Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
Z3JJ9T	Identifiler® Plus, MiniFiler						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17



TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 2 - STR Results</b>							
Z4E4XD	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
Z4NQYT	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
Z9UNZK	Identifiler®						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
ZCNL36	PowerPlex® 16 HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2.2,10	10,16		7,8	9,11	15,17
ZDHHDK	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
ZEC3NX	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
ZGB4RU	Identifiler®						
	2	N/A	25,25	N/A	15,17	12,13	8,12
		14,14	N/A	N/A	11,13	9,11	17,18
		14,15.2	31,33.2	N/A	X,Y	10,12	24,25
		N/A	N/A	N/A	7,8	9,11	15,17

TABLE 2

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

Item 2 - STR Results

ZH9TCW	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
ZHJ8NR	Identifiler® Identifiler Plus, Identifiler Direct and MiniFiler						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
ZHUBKC	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
ZJETFX	Identifiler® Plus						
	2	NA	25	NA	15,17	12,13	8,12
		14	NA	NA	11,13	9,11	17,18
		14,15.2	31,33.2	NA	X,Y	10,12	24,25
		NA	NA	NA	7,8	9,11	15,17
ZLUG8V	Identifiler® Plus						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
ZM2TQR	Identifiler® Plus						
	2		25		15,17	12,13	8,12
		14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
ZN8W3A	PowerPlex® Fusion						
	2	12,14	25,25	11,14	15,17	12,13	8,12
		14,14	13,15	17,17.3	11,13	9,11	17,18
		14,15.2	31,33.2	16,16	X,Y	10,12	24,25
		2.2,10	10,16	-	7,8	9,11	15,17

TABLE 2

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

Item 2 - STR Results

ZPPUMM	PowerPlex® HS						
	2				15,17	12,13	8,12
		14			11,13	9,11	17,18
			31,33.2		X,Y	10,12	24,25
		2,2,10	10,16		7,8	9,11	15,17
ZTCWRR	Identifiler®						
	2		25,25		15,17	12,13	8,12
		14,14			11,13	9,11	17,18
		14,15.2	31,33.2		X,Y	10,12	24,25
					7,8	9,11	15,17
ZTLH29	Identifiler® Plus						
	2	-	25,25	-	15,17	12,13	8,12
		14,14	-	-	11,13	9,11	17,18
		14,15.2	31,33.2	-	X,Y	10,12	24,25
		-	-	-	7,8	9,11	15,17
ZV7LHT	Identifiler®						
	2	N/A	25,25	N/A	15,17	12,13	8,12
		14,14	N/A	N/A	11,13	9,11	17,18
		14,15.2	31,33.2	N/A	X,Y	10,12	24,25
		N/A	N/A	N/A	7,8	9,11	15,17

TABLE 2

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

22JXJ7	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,[13]	8,10,11,12
	14				[11],13,[14]	[9],11,[12]	13,16,17,18
	14,[15],[15.2]	28,31,31.2,33.2		X,Y	10,12		24,[25]
				7,[8],[9.3]	8,[9],[11]		[15],[16],17
22JZAB	Identifiler® Plus, MiniFiler						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2		X,Y	10,12		24,25
				7,8,9.3	8,9,11		15,16,17
22ZA4W	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2		X,Y	10,12		24,25
				7,8,9.3	8,9,11		15,16,17
23RK6K	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,[13]	8,10,11,12
	14,14				[11],13,[14]	[9],11,[12]	13,16,17,18
	14,[15],[15.2]	28,31,31.2,33.2		X,Y	10,12		24,[25]
				7,[8],[9.3]	8,[9],[11]		15,16,17
24M7T6	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2		X,Y	10,12		24,25
				7,8,9.3	8,9,11		15,16,17
29XTEE	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2		X,Y	10,12		24,25
				7,8,9.3	8,9,11		15,16,17
29YDWW	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2		X,Y	10,12		24,25
				7,8,9.3	8,9,11		15,16,17

TABLE 2

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

2AEWDZ	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
			28,31,31.2,33.2		X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	
2ANKE8	Identifiler® Identifiler Plus						
	3	n/a	21,22,25	n/a	15,16,17,18	12,13	8,10,11,12
	14		n/a	n/a	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	n/a	X,Y	10,12	24,25
	n/a	n/a	n/a	7,8,9.3	8,9,11	15,16,17	
2CDL3M	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,[13]	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,[25]
				7,8,9.3	8,9,11	15,16,17	
2CGUQE	PowerPlex® 16 HS, Fusion						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
	14		13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	11,16	X,Y	10,12	23,24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	
2DRQ2K	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
2FUNDY	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
2GQCK2	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
			28,31,31.2,33.2		X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	

TABLE 2

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

2HHW49	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
2JJ26G	Identifiler® Plus, MiniFiler						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
2MWXKQ	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
2P42J9	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	2.2,9,10,15	28,31,31.2,33.2 10,11,16,25			X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
2QEPKF	GlobalFiler						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
	14		13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2		11,16	X,Y	10,12	24,25
	-	-	11.2,18,19,21	7,8,9.3	8,9,11	15,16,17	
2RCCDR	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
2RUAN4	PowerPlex® PP16 HS						
	3				15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	2.2,9,10,15	28,31,31.2,33.2 10,11,16,25			X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17

TABLE 2

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

2TWYJE	Identifiler® , NGM						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
		14	13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	11,16	X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
2XG7HK	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
			28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
2XMB24	Identifiler® Plus						
	3	-	21,22,25	-	15,16,17,18	12,13	8,10,11,12
		14	-	-	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	-	X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
2YUMP8	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
			28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
32TCHZ	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
32U826	PowerPlex® Fusion						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
		14,15	13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	11,16	X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
34KLC2	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17

TABLE 2

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

## Item 3 - STR Results

36F3T6	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	2.2,9,10,15	28,31,31.2,33.2			X,Y	10,12	24,25
		10,11,16,25			7,8,9.3	8,9,11	15,16,17
37QYZU	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
37TKXV	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
37TMMZ	Identifiler® Plus						
	3	NA	21,22,25	NA	15,16,17,18	12,13	8,10,11,12
	14,14	NA	NA	NA	11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2		NA	X,Y	10,12	24,25
	NA	NA	NA		7,8,9.3	8,9,11	15,16,17
38XMHZ	PowerPlex® 16						
	3				15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	2.2,9,10,15	28,31,31.2,33.2			X,Y	10,12	24,25
		10,11,16,25			7,8,9.3	8,9,11	15,16,17
39BVLY	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14,14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
3CJTQ3	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17



TABLE 2

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

3CQZ3N	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
3DCM8J	Identifiler® Plus						
	3		21,22,[25]		[15],16,[17],18	12,[13]	[8],10,11,[12]
		14,14			[11],13,14	[9],11,12	13,16,[17],[18]
		14,15,[15.2]	28,[31],31.2,[33.2]		X,Y 7,[8],9.3	10,12 8,[9],[11]	24,[25] [15],16,17
3LEPVH	Identifiler®						
	3	-	21,22,25	-	15,16,17,18	12,13	8,10,11,12
		14	-	-	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	-	X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
3MHNPX	Identifiler® Identifiler Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14,14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
3MUVNE	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14,14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
3REAFZ	Identifiler® Plus						
	3		[21,22],25		15,16,17,18	12,[13]	[8],10,11,[12]
		14			[11],13,[14]	[9],11,[12]	13,16,17,[18]
		14,[15,15.2]	28,31,31.2,33.2		X,Y 7,[8,9.3]	10,12 8,[9,11]	24,[25] [15,16],17
3UVA6A	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14,14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17

TABLE 2

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

Item 3 - STR Results

3V6CVE	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14,14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
3WCA8N	Identifiler Plus						
	3		21,22,25		15,16,17,18	12,[13]	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,[25]
				7,8,9.3	8,9,11	15,16,17	
3X2XDQ	Identifiler Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
3XEHUF	PowerPlex® HS, Fusion						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
		14	13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	11,16	X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	
46A8M4	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
			28,31,31.2,33.2		X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	
499JKP	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
4AJ6WQ	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	

TABLE 2

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

4DMWMW	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	2.2,9,10,15	28,31,31.2,33.2			X,Y	10,12	24,25
		10,11,16,25			7,8,9.3	8,9,11	15,16,17
4DMZXZ	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,[12]
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
4G2PBG	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
4GPUZB	Identifiler® Plus, MiniFiler						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
4HXBQU	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	2.2,9,10,15	28,31,31.2,33.2			X,Y	10,12	24,25
		10,11,16,25			7,8,9.3	8,9,11	15,16,17
4LZZJN	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	2.2,9,10,15	28,31,31.2,33.2			X,Y	10,12	24,25
		10,11,16,25			7,8,9.3	8,9,11	15,16,17
4NJAG3	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14,14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17

TABLE 2

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

4P23QC	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
4QQBGF	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14,14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
4RHZR3	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
4TD2T6	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	2.2,9,10,15		28,31,31.2,33.2 10,11,16,25		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
4V3AYZ	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
626FWW	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
62QF6Z	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17

TABLE 2

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

664ATJ	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
66JYU7	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
6AKLWF	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
6BGTE8	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
6JFGJ4	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
6KJBPA	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
6PQTWP	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17

TABLE 2

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

6PW4NF	Identifiler® Plus						
	3		21,22,[25,25]		[15],16,[17],18	12,12,[12,13]	[8],10,11,[12]
		14,14,[14,14]			[11,13],13,14	[9,11],11,12	13,16,[17,18]
		14,[14],15,[15.2]	28,[31],31.2,[33.2]		X,[X,Y],Y	10,[10,12],12	24,24,[25]
				7,[7,8],9.3	8,8,[9,11]	[15],16,17,[17]	
6RHG6R	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
6VZ38R	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
			28,31,31.2,33.2		X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	
6WVHLA	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
			28,31,31.2,33.2		X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	
6YXXZM	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
6ZG96R	Identifiler® Plus, MiniFiler						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
744NM7	PowerPlex® Fusion, PowerPlex 16 HS						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
		14	13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	11,16	X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	

TABLE 2

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

767ERT	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
76X9DB	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
79WZRX	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
7AJVLQ	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
7DGHUL	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
7ERGAN	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
7F2FFQ	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	2.2,9,10,15		28,31,31.2,33.2 10,11,16,25		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17

TABLE 2

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

Item 3 - STR Results

7GXT64	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	2.2,9,10,15	28,31,31.2,33.2			X,Y	10,12	24,25
		10,11,16,25			7,8,9.3	8,9,11	15,16,17
7JKJ33	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
7JU83M	COfiler® and Profiler Plus®						
	3				15,16,17,18	12,13	8,10,11,12
	14,14				11,13,14		13,16,17,18
		28,31,31.2,33.2			X,Y		24,25
							15,16,17
7JU849	PowerPlex® 16						
	3	Not Tested	Not Tested	Not Tested	15,16,17,18	12,[13]	8,10,11,12
	14	Not Tested	Not Tested	Not Tested	11,13,14	9,11,12	13,16,17,18
	Not Tested	28,31,31.2,33.2	Not Tested	Not Tested	X,Y	10,12	24,[25]
	2.2,9,10,15	10,11,16,25	Not Tested	7,8,9.3	8,[9],[11]	15,16,17	
7KJLZ	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
7KYU8L	GLOBALFILER						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
	14,14		13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2		11,16	X,Y	10,12	24,25
			11.2,18,19,21	7,8,9.3	8,9,11	15,16,17	
7T9APU	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17



TABLE 2

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

7TJWVP	Identifiler®						
	3	N/A	21,22,25	N/A	15,16,17,18	12,[13]	[8],10,11,[12]
		14	N/A	N/A	[11],13,[14]	[9],11,[12]	13,16,17,18
		14,[15],[15.2]	28,[31],[31.2],[33.2]	N/A	X,Y	10,12	24,[25]
	N/A	N/A	N/A	7,[8],[9.3]	8,[9],[11]	[15],16,17	
7TKQHG	PowerPlex® 16						
	3	N/A	N/A	N/A	15,16,17,18	12,[13]	8,10,11,12
		14	N/A	N/A	11,13,14	[9],11,[12]	13,16,17,18
		N/A	28,31,31.2,33.2	N/A	X,Y	10,12	24,[25]
	2.2,9,10,15	10,11,16,25	N/A	7,8,9.3	8,[9],[11]	15,16,17	
7UVMVX	Identifiler® Plus						
	3	-	21,22,25	-	15,16,17,18	12,13	8,10,11,12
		14	-	-	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	-	X,Y	10,12	24,25
	-	-	-	7,8,9.3	8,9,11	15,16,17	
7VHCR7	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,[13]	8,10,11,12
		14			[11],13,[14]	[9],11,[12]	13,16,17,18
		14,[15],[15.2]	28,31,31.2,33.2		X,Y	10,12	24,[25]
				7,[8],[9.3]	8,[9],[11]	[15],16,17	
8BLQC3	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
8KAU7M	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
			28,31,31.2,33.2		X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	
8QBVMG	PowerPlex® 21						
	3	12,14	21,22,25	-	15,16,17,18	12,13	8,10,11,12
		14	-	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	-	X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25	-	7,8,9.3	8,9,11	15,16,17	

TABLE 2

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

Item 3 - STR Results

8QHXHG	Identifiler® Plus						
	3	-	21,22,25	-	15,16,17,18	12,13	8,10,11,12
		14	-	-	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	-	X,Y	10,12	24,25
		-	-	-	7,8,9.3	8,9,11	15,16,17
8UGC4K	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
8UNVAH	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
8W4PNU	Identifiler® Plus						
	3	no profile	21,22,25	no profile	15,16,17,18	12,13	8,10,11,12
		14,14	no profile	no profile	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	no profile	X,Y	10,12	24,25
		no profile	no profile	no profile	7,8,9.3	8,9,11	15,16,17
8WKEJN	COfiler® and Profiler Plus®						
	3	NA	NA	NA	INC	INC	INC
		INC	NA	NA	INC	INC	INC
		NA	INC	NA	INC	INC	INC
		NA	NA	NA	INC	INC	INC
8XHW66	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
8XUM22	PowerPlex® Fusion, PP16 HS (Data Review)						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
		14	13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	11,16	X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	

TABLE 2

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

8ZLTA6	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	2,2,9,10,15	28,31,31.2,33.2			X,Y	10,12	24,25
		10,11,16,25			7,8,9.3	8,9,11	15,16,17
8ZRUPD	GlobalFiler						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
	14,14		13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2		11,16	X,Y	10,12	24,25
			11.2,18,19,21	7,8,9.3	8,9,11	15,16,17	
94E8J9	Identifiler® Identifiler Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
94TAU9	Identifiler® Identifiler Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
97K7M9	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
9AGUZA	PowerPlex® 16 HS, PowerPlex® ESX17						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
	14,14		13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2		11,16	X,Y	10,12	24,25
	2,2,9,10,15	10,11,16,25	11.2,18,19,21	7,8,9.3	8,9,11	15,16,17	
9CEJY4	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	

TABLE 2

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

9CFA2R	GlobalFiler						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
		14,14	13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	11,16	X,Y	10,12	24,25
			11.2,18,19,21	7,8,9.3	8,9,11	15,16,17	
9CP389	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14,14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
9CY8DR	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
9EWECP	PowerPlex® ESI-17 Fast, ESX-17 Fast						
	3	12,14	21,22,25	10,11,14	15,16,17,18		
		14	13,15	17,17.3,18,19		9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	11,16	X,Y		24,25
			11.2,18,19,21	7,8,9.3		15,16,17	
9GTW3C	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
9H24FJ	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
9HMRHT	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	

TABLE 2

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

9J37U9	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
9KWRLE	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
9M46ME	PowerPlex® 16						
	3	N/A	N/A	N/A	15,16,17,18	12,[13]	8,10,11,12
	14		N/A	N/A	11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2	N/A	X,Y 7,8,9.3	10,12 8,[9],[11]	24,[25] 15,16,17
9MACV3	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14,14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
9MUFK9	Identifiler® Identifiler Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
9MYRLC	GlobalFiler™						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
	14,14		13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2	11,16 11.2,18,19,21	X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
9RDDNQ	Identifiler® Plus, MiniFiler						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17

TABLE 2

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

Item 3 - STR Results

9VBZY7	Identifiler® Plus, MiniFiler						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
9VLFZF	Identifiler® , GoldenEye 20A						
	3		[21],[22],25		15,16,17,18	12,[13]	8,10,11,12
		14		[12],17.3,18,19	[11],13,[14]	[9],11,[12]	13,16,[17],[18]
		14,[15],[15.2]	28,31,31.2,33.2		X,Y	10,12	24,[25]
	2.2,9,[10],15	10,11,[16],25		7,[8],[9.3]	8,9,[11]	15,16,17	
9W27BQ	PowerPlex® HS						
	3				15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
			28,31,31.2,33.2		X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	
9WEMHC	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
9XTNBL	Identifiler® Plus, MiniFiler						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
9Y4N8F	Identifiler®						
	3	NA	21,22,25	NA	15,16,17,18	12,[13]	8,10,11,12
		14	NA	NA	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	NA	X,Y	10,12	24,[25]
	NA	NA	NA	7,[8],[9.3]	8,[9],[11]	[15],[16],17	
9YRFBJ	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
		14,14			11,13,14	9,11,12	13,16,17,18
			28,31,31.2,33.2		X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	

TABLE 2

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

Item 3 - STR Results

9ZQEUR	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14,14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
A2LVZT	PowerPlex® Fusion						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
		14	13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	11,16	X,Y	10,12	24,25
		2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17
A3DABJ	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
A3GFQY	Identifiler Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
A3Z3LA	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
AG74BX	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
			28,31,31.2,33.2		X,Y	10,12	24,25
		2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17
AH2QYN	Identifiler Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14,14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	

TABLE 2

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

AMWCXD	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,[13]	8,10,11,12
	14				[11],13,[14]	[9],11,[12]	13,16,17,18
	14,[15],[15.2]		28,31,31.2,[33.2]		X,Y	10,12	24,[25]
					7,[8],[9.3]	8,[9],[11]	[15],16,17
APCKNJ	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
AT2BA3	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
ATR6LR	Identifiler® Plus, MiniFiler						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
ATWCW2	Identifiler® Plus						
	3	-	21,22,25	-	15,16,17,18	12,13	8,10,11,12
	14	-	-	-	11,13,14	9,11,12	13,16,17,18
	14,15,15.2	-	28,31,31.2,33.2	-	X,Y	10,12	24,25
	-	-	-		7,8,9.3	8,9,11	15,16,17
AURV2M	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
AV3JBR	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	2.2,9,10,15		28,31,31.2,33.2		X,Y	10,12	24,25
		10,11,16,25		7,8,9.3	8,9,11	15,16,17	



TABLE 2

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

AZY63U	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	2.2,9,10,15	28,31,31.2,33.2			X,Y	10,12	24,25
		10,11,16,25			7,8,9.3	8,9,11	15,16,17
B2A4YP	Globalfiler						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
	14,14		13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2		11,16	X,Y	10,12	24,25
			11.2,18,19,21	7,8,9.3	8,9,11	15,16,17	
B3U8FA	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
B6U3LK	Identifiler® Plus, MiniFiler						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
B7YQN3	Identifiler® Plus, MiniFiler						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
B8GLMH	PowerPlex® PP21						
	3	12,14	21,22,25		15,16,17,18	12,13	8,10,11,12
	14			17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25			7,8,9.3	8,9,11	15,16,17
B8YVCC	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	

TABLE 2

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

BADZJ2	Globalfiler						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
		14	13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	11,16	X,Y	10,12	24,25
			11.2,18,19,21	7,8,9.3	8,9,11	15,16,17	
BAGHL7	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14,14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
BGNJ9Z	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
BGZ7FT	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
			28,31,31.2,33.2		X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	
BHTQ2L	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
BHUVZA	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
BLA4QF	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	

TABLE 2

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

BLVRRP	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
BN6UM2	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
BNYQPB	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
BP9V4Y	PowerPlex® Fusion						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
		14	13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
		14,15,15.2 2.2,9,10,15	28,31,31.2,33.2 10,11,16,25	11,16	X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
BPTLZQ	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14,14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
BRJP3X	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14,14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
BT2J6T	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17

TABLE 2

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

BWH3PN	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,12,[13]	8,10,11,12
		14,14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,24,[25]
				7,8,9.3	8,9,11	15,16,17	
BWX6WW	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
BXRZDD	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
			28,31,31.2,33.2		X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	
BYGH3R	ID+						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
BYKXGD	Identifiler® Plus						
	3		21,[22],25		15,16,17,18	12,[13]	[8],10,11,12
		14			[11],13,[14]	[9],11,12	13,16,[17],[18]
		14,[15],[15.2]	28,31,31.2,33.2		X,Y	10,12	24,[25]
				7,[8],9.3	8,[9],[11]	[15],16,17	
BYLL6J	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
			28,31,31.2,33.2		X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	
BZXD27	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	

TABLE 2

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

C2684J	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
C2YHJE	Identifiler® ID and Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
C7CCHJ	Identifiler® Plus						
	3	N/A	21,22,25	N/A	15,16,17,18	12,13	8,10,11,12
	14		N/A	N/A	11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2	N/A	X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
CA86DZ	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14,14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
CCNPN4	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
CDGEZK	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	2,2,9,10,15		28,31,31.2,33.2 10,11,16,25		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
CDJAFA	Identifiler® +						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17

TABLE 2

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

CM6F7L	Identifiler Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
CMHY6X	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		2.2,9,10,15	28,31,31.2,33.2 10,11,16,25		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
CMWUKT	PowerPlex® Fusion						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
		14	13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
		14,15,15.2 2.2,9,10,15	28,31,31.2 10,11,16,25	11,16	X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
CPCTUE	GlobalFiler						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
		14,14	13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	11,16 11.2,18,19,21	X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
CVCNN2	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,12,(13)	8,10,11,12
		14,14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
CVF7Q8	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14,14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
CWABJY	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17

TABLE 2

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

Item 3 - STR Results

CWNCY2	Identifiler® Plus						
	3		21,22,25,25		15,16,17,18	12,12,12,13	8,10,11,12
		14,14,14,14			11,13,13,14	9,11,11,12	13,16,17,18
		14,14,15,15.2	28,31,31.2,33.2		X,X,Y,Y	10,10,12,12	24,24,24,25
				7,7,8,9.3	8,8,9,11	15,16,17,17	
CXJXQ8	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14,14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
D2XYFC	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14,14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
D9TZF2	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,12,[13]	8,10,11,12
		14,14			[11],13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,24,[25]
				7,8,9.3	8,[9],11	15,16,17	
DARM7T	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
			28,31,31.2,33.2		X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	
DBHEVY	Identifiler® Plus, PowerPlex® HS						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y,X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	
DC7Z6N	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14,14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	

TABLE 2

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

DHJLKZ	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,12,[13]	8,10,11,12
		14,14			11,13,14	[9],11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,[9],11	24,24,[25] 15,16,17
DJ3PTE	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
DKN4RH	Identifiler®						
	3	N/A	21,22,25	N/A	[15],16,[17],18	12,[13]	8,10,11,12
		14	N/A	N/A	[11],13,[14]	9,11,12	13,16,17,18
		14,[15],[15.2]	28,[31],[31.2],33.2	N/A	X,Y 7,8,9.3	10,12 8,[9],[11]	24,[25] [15],[16],17
DP3KZR	PowerPlex® Fusion						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
		14	13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	11,16	X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
DQHPQ4	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
DURCEV	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
DXMCT6	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,[18]
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17



TABLE 2

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

Item 3 - STR Results

DXY3P3	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	2.2,9,10,15	28,31,31.2,33.2			X,Y	10,12	24,25
		10,11,16,25			7,8,9.3	8,9,11	15,16,17
DZNEK2	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
E6YTZ6	GLOBALFILER						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
	14,14		13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2		11,16	X,Y	10,12	24,25
			11.2,18,19,21	7,8,9.3	8,9,11	15,16,17	
E7A4QC	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14,14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
E8G6MN	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	2.2,9,10,15	28,31,31.2,33.2			X,Y	10,12	24,25
		10,11,16,25			7,8,9.3	8,9,11	15,16,17
ECJUH3	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
ED8EUZ	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	2.2,9,10,15	28,31,31.2,33.2			X,Y	10,12	24,25
		10,11,16,25			7,8,9.3	8,9,11	15,16,17

TABLE 2

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

Item 3 - STR Results

ENN27M	PowerPlex® 16 HS						
	3	N/A	N/A	N/A	15,16,17,18	12,13	8,10,11,12
		14	N/A	N/A	11,13,14	9,11,12	13,16,17,18
		N/A	28,31,31.2,33.2	N/A	X,Y	10,12	24,25
		2.2,9,10,15	10,11,16,25	N/A	7,8,9.3	8,9,11	15,16,17
ENN7FP	Identifiler Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
EPTL62	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
EPXW4T	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
EUCCXR	Identifiler® Plus						
	3	-	21,22,25	-	15,16,17,18	12,13	8,10,11,12
		14	-	-	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	-	X,Y	10,12	24,25
		-	-	-	7,8,9.3	8,9,11	15,16,17
EUWJ4F	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
EXRHBX	Identifiler® Plus, MiniFiler						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	

TABLE 2

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

Item 3 - STR Results

EZFARP	Identifiler® Plus						
	3	-	21,22,25	-	15,16,17,18	12,13	8,10,11,12
		14	-	-	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	-	X,Y	10,12	24,25
		-	-	-	7,8,9.3	8,9,11	15,16,17
EZK827	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
F2K BXF	Identifiler®						
	3	N/A	[21],[22],25	N/A	[15],16,[17],18	12,[13]	[8],10,11,[12]
		14	N/A	N/A	[11],13,[14]	[9],11,12	13,16,[17],[18]
		14,[15],[15.2]	28,[31],31.2,[33.2]	N/A	X,Y	10,12	24,[25]
		N/A	N/A	N/A	7,[8],[9.3]	8,9,[11]	[15],16,17
F42ZHQ	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
F6M2BM	PowerPlex® 16						
	3				15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
			28,31,31.2,33.2		X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	
F6UVY9	PowerPlex® 16 HS						
	3	not tested	not tested	not tested	15,16,17,18	12,13	8,10,11,12
		14	not tested	not tested	11,13,14	9,11,12	13,16,17,18
		not tested	28,31,31.2,33.2	not tested	X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25	not tested	7,8,9.3	8,9,11	15,16,17	
F8D WXZ	Identifiler® Plus, MiniFiler						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	

TABLE 2

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

F8DYM6	PowerPlex® Fusion						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
		14	13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	11,16	X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	
F9FDKY	Identifiler® Plus						
	3		[21],[22],25		15,16,17,18	12,[13]	[8],[10],[11],[12]
		14			[11],13,14	[9],11,12	[13],[16],[17],[18]
		[14],[15],[15.2]	[28],[31],[31.2],[33.2]		X,Y	10,12	24,[25]
				7,[8],[9.3]	8,[9],[11]	[15],[16],17	
FD3XZU	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
FD3ZPX	PowerPlex® Fusion						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
		14	13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	11,16	X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	
FDKG47	PowerPlex® 16 HS						
	3	-	-	-	15,16,17,18	12,13	8,10,11,12
		14	-	-	11,13,14	9,11,12	13,16,17,18
		-	28,31,31.2,33.2	-	X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25	-	7,8,9.3	8,9,11	15,16,17	
FKJFBG	Identifiler® Plus						
	3	-	21,22,25	-	15,16,17,18	12,13	8,10,11,12
		14	-	-	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	-	X,Y	10,12	24,25
	-	-	-	7,8,9.3	8,9,11	15,16,17	
FN24ZZ	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	

TABLE 2

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

Item 3 - STR Results

FN7HTT	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
FNNHJC	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
FU7GRQ	Identifiler® Plus						
	3	-	21,22,25	-	15,16,17,18	12,13	8,10,11,12
	14		-	-	11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2	-	X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
FX78A4	Identifiler® Identifiler Plus, MiniFiler						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
FYFNDN	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
FYPRGM	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
FZJFXW	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17

TABLE 2

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

G2K2P2	Identifiler® Plus						
	3	NA	21,22,25	NA	15,16,17,18	12,13	8,10,11,12
		14	NA	NA	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	NA	X,Y	10,12	24,25
	NA	NA	NA	7,8,9.3	8,9,11	15,16,17	
G974QC	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14		NA	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
GDJTGZ	Identifiler® Plus, MiniFiler						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14		NA	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
GG88DF	Identifiler®						
	3	N/A	[21],[22],25	N/A	[15],16,[17],18	12,[13]	[8],10,11,[12]
		14	N/A	N/A	[11],13,[14]	[9],11,[12]	13,16,17,18
		14,[15],[15.2]	28,[31],31.2,[33.2]	N/A	X,Y	10,12	24,[25]
	N/A	N/A	N/A	7,[8],[9.3]	8,[9],[11]	[15],[16],17	
GGWM6K	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14		NA	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
GJWKYE	Identifiler® Plus, MiniFiler						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14		NA	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
GKDL6F	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14		NA	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	

TABLE 2

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

GMRDRA	GlobalFiler						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
		14,14	13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	11,16	X,Y	10,12	24,25
			11.2,18,19,21	7,8,9.3	8,9,11	15,16,17	
GN4BY	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
GPMRYZ	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
GPT8Z9	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
GTGX RJ	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
GTX2FJ	GlobalFiler						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
		14	13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	11,16	X,Y	10,12	24,25
			11.2,18,19,21	7,8,9.3	8,9,11	15,16,17	
GU2G4V	Identifiler® Plus, PowerPlex® 16 HS						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	

TABLE 2

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

GVZYNQ	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
			28,31,31.2,33.2		X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	
GWDJLL	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
GXPAJP	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
H3F46H	Identifiler Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14,14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
H4NQEB	PowerPlex® ESI 16, in-house STR kit						
	3	12,[14]	21,22,25	10,11,[14]	15,16,17,18		
	14		13,15	17,17.3,18,19		9,11,12	13,16,17,18
	14,15,[15.2]		28,31,31.2,33.2	[11],16	X,Y		24,[25]
				7,[8],9.3		15,16,17	
H7TA9C	Identifiler®						
	3	N/A	[21],[22],25	N/A	15,16,17,18	12,[13]	8,10,11,12
	14		N/A	N/A	[11],13,[14]	[9],11,[12]	13,16,17,18
	14,[15],[15.2]		28,[31],31.2,[33.2]	N/A	X,Y	10,12	24,[25]
	N/A	N/A	N/A	7,[8],[9.3]	8,[9],[11]	[15],16,17	
H94V96	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
			28,31,31.2,33.2		X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	



TABLE 2

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

HBMW6C	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
HCFJT9	Identifiler® Identifiler Plus						
	3	-	21,22,25	-	15,16,17,18	12,[13]	8,10,11,12
		14	-	-	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	-	X,Y 7,8,9.3	10,12 8,9,11	24,[25] 15,16,17
HCMYUF	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
HE6KJC	Identifiler® Plus, MiniFiler						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
HE798G	Identifiler®						
	3		21,22,25		15,16,17,18	12,[13]	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,[25] 15,16,17
HE8TRG	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
			28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
HFGVGL	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
			28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
		2.2,9,10,15	10,11,16,25				

TABLE 2

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

HGCVKL	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
HHAMUR	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
HMHQ4L	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
HMTKTU	PowerPlex® ESX17, 21, CS7						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
	14		13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
	14,15,15.2 2.2,9,10,15	28,31,31.2,33.2	11,16		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
HRDQRB	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
HRP9A2	Identifiler® Plus, MiniFiler						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
HWCZ7J	PowerPlex® HS						
	3				15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	2.2,9,10,15	28,31,31.2,33.2			X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17

TABLE 2

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

HY2DVG	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
J288FW	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
J2DHEP	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
J8L6LD	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14,14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
J8XKFZ	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	2.2,9,10,15		28,31,31.2,33.2 10,11,16,25		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
J8YXX8	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,[13]	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,[25] 15,16,17
JAJAKK	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17

TABLE 2

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

JC3746	PowerPlex® 16 HS						
	3	-	-	-	15,16,17,18	12,13	8,10,11,12
		14	-	-	11,13,14	9,11,12	13,16,17,18
		-	28,31,31.2,33.2	-	X,y	10,12	24,25
		2.2,9,10,15	10,11,16,25	-	7,8,9.3	8,9,11	15,16,17
JCF29J	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
JCWK94	GlobalFiler						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
		14	13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	11,16	X,Y	10,12	24,25
				11.2,18,19,21	7,8,9.3	8,9,11	15,16,17
JD7Y6B	COfiler® and Profiler Plus®						
	3	NA	NA	NA	INC	INC	INC
		INC	NA	NA	INC	INC	INC
		NA	INC	NA	INC	INC	INC
		NA	NA	NA	INC	INC	INC
JDW496	PowerPlex® 16						
	3				15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
			28,31,31.2,33.2		X,Y	10,12	24,25
		2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17
JE4NPD	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
			28,31,31.2,33.2		X,Y	10,12	24,25
		2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17
JH4RMR	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17

TABLE 2

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

JHCKUF	Identifiler Plus						
	3		21,22,25		15,16,17,18	12+,13	8,10,11,12
		14,14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24+,25 15,16,17
JHE6YW	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
JJYDEW	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
JL3YX4	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
JM6K9B	Identifiler® Plus, MiniFiler						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
JN9KL4	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
JRC2D6	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,[13]	8,10,11,12
		14			[11],13,14	[9],11,[12]	13,16,17,18
		14,[15],[15.2]	28,31,31.2,33.2		X,Y 7,[8],[9.3]	10,12 8,[9],[11]	24,[25] [15],[16],17

TABLE 2

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

JTNW2H	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14,14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
JURDPV	PowerPlex® ESIPRO17, ESX17						
	3	12,[14]	[21],[22],25	[10],11,[14]	15,16,17,18		
		14	13,15	17,17.3,18,19		[9],11,[12]	13,16,17,18
		14,[15],[15.2]	28,31,31.2,33.2	[11],16 11.2,18,19,21	X,Y 7,[8],[9.3]		24,[25] [15],[16],17
JX2WZV	PowerPlex® PP 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
			28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
JYN29M	Identifiler® Plus						
	3	-	21,22,25	-	15,16,17,18	12,13	8,10,11,12
		14	-	-	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	-	X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
K2GLXD	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
K4ZPJP	PowerPlex® PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
			28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
K6PMPP	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17

TABLE 2

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

K7434Q	Identifiler® Plus						
	3	not tested	21,22,25	not tested	15,16,17,18	12,13	8,10,11,12
		14	not tested	not tested	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	not tested	X,Y	10,12	24,25
		not tested	not tested	not tested	7,8,9.3	8,9,11	15,16,17
K7JDRX	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
KCRBJV	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
KD2UCK	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
KFWUP4	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
KFXK3D	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
KGBZBK	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
			28,31,31.2,33.2		X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	

TABLE 2

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

KHFT2D	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	2.2,9,10,15	28,31,31.2,33.2			X,Y	10,12	24,25
		10,11,16,25			7,8,9.3	8,9,11	15,16,17
KHXQ9J	PowerPlex® Fusion						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
	14		13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2		11,16	X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25			7,8,9.3	8,9,11	15,16,17
KKLVUH	Identifiler® Identifiler Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
KLL8XJ	Identifiler® Plus						
	3	-	21,22,25	-	15,16,17,18	12,13	8,10,11,12
	14		-	-	11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2		-	X,Y	10,12	24,25
	-	-	-		7,8,9.3	8,9,11	15,16,17
KPN69C	Identifiler Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
KPTA99	Identifiler® , PowerPlex® 16 HS						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25			7,8,9.3	8,9,11	15,16,17
KPYHHV	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14,14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17



TABLE 2

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

Item 3 - STR Results

KR7E6Q	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
KVMHJU	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,12,(13)	8,10,11,12
		14,14			11,13,14	9,11,12	13,16,17,18
		14,15,(15.2)	28,31,31.2,33.2		X,Y	10,12	24,24,(25)
				7,8,9.3	8,9,11	15,16,17	
KWMPA8	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
		14,14			11,13,14	9,11,12	13,16,17,18
			28,31,31.2,33.2		X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	
KWU67R	PowerPlex® Fusion						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
		14	13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	11,16	X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	
KXVRC7	PowerPlex® 16						
	3				15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
			28,31,31.2,33.2		X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	
KZ8GLA	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
L4D8XA	COfiler® and Profiler Plus®						
	3	NA	NA	NA	INC	INC	INC
		INC	NA	NA	INC	INC	INC
		NA	INC	NA	INC	INC	INC
	NA	NA	NA	INC	INC	INC	

TABLE 2

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

L4DNAR	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
L4UVDN	PowerPlex® 16 HS						
	3	-	-	-	15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	-		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
L7F792	Identifiler® Plus, MiniFiler						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
L8EPAN	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14,14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
L8FWLC	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
L8J99D	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14,14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
LB9X84	PowerPlex® HS						
	3				15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	2.2,9,10,15		28,31,31.2,33.2 10,11,16,25		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17

TABLE 2

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

LBV24K	PowerPlex® Fusion						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
		14	13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	11,16	X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	
LCQMVP	PowerPlex® Fusion						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
		14	13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	11,16	X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	
LGPVLJ	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
LJN4YN	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
LJZUX7	Identifiler® Plus, PowerPlex® 16 HS						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	
LL3P94	Identifiler® Identifiler Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
LMECT4	Identifiler Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	

TABLE 2

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

LPXGFF	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
			28,31,31.2,33.2		X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	
LQA8FJ	PowerPlex® Fusion, PP16 HS						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
		14	13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	11,16	X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,24,25		7,8,9.3	8,9,11	15,16,17	
LRNVPB	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
LVQPRM	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
LWCVZR	Identifiler® Plus, PowerPlex® HS						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	
LZACCL	Identifiler® Plus						
	3	-	21,22,25	-	15,16,17,18	12,13	8,10,11,12
		14	-	-	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	-	X,Y	10,12	24,25
	-	-	-	7,8,9.3	8,9,11	15,16,17	
LZV2HM	Identifiler® Plus						
	3	-	21,22,25	-	15,16,17,18	12,13	8,10,11,12
		14	-	-	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	-	X,Y	10,12	24,25
	-	-	-	7,8,9.3	8,9,11	15,16,17	

TABLE 2

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

Item 3 - STR Results

M2DQRP	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,[13]	8,10,11,12
	14				[11],13,14	[9],11,[12]	13,16,17,18
	14,[15],[15.2]	28,31,31.2,[33.2]			X,Y	10,12	24,[25]
					7,[8],9.3	8,[9],[11]	[15],16,17
M3YGNA	PowerPlex® PP16 HS						
	3				15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	2.2,9,10,15	28,31,31.2,33.2			X,Y	10,12	24,25
		10,11,16,25			7,8,9.3	8,9,11	15,16,17
M4GE4G	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
M6KXKH	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
M6PNYY	PowerPlex® 16 HS						
	3	n/a	n/a	n/a	15,16,17,18	12,13	8,10,11,12
	14		n/a	n/a	11,13,14	9,11,12	13,16,17,18
	n/a	28,31,31.2,33.2			X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25	n/a		7,8,9.3	8,9,11	15,16,17
M7KAP6	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	2.2,9,10,15	28,31,31.2,33.2			X,Y	10,12	24,25
		10,11,16,25			7,8,9.3	8,9,11	15,16,17
M7ZHQT	PowerPlex® 16 HS						
	3	-	-	-	15,16,17,18	12,13	8,10,11,12
	14		-	-	11,13,14	9,11,12	13,16,17,18
	-	28,31,31.2,33.2			X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25	-		7,8,9.3	8,9,11	15,16,17

TABLE 2

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

M92UYD	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
M9LYM2	Identifiler® Plus						
	3	-	21,22,25	-	15,16,17,18	12,13	8,10,11,12
	14		-	-	11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
M9M7XL	PowerPlex® Fusion						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
	14		13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2		11,16	X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
M9RPYW	PowerPlex® HS						
	3				15,16,17,18	12,13	8,10,11,12
	14,14				11,13,14	9,11,12	13,16,17,18
	2.2,9,10,15	28,31,31.2,33.2			X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
MALBP2	Identifiler Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
MAMANG	Identifiler® Plus						
	3	-	21,22,25	-	15,16,17,18	12,13	8,10,11,12
	14		-	-	11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
MBRRWK	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17

TABLE 2

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

MC6GXC	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	2.2,9,10,15	28,31,31.2,33.2			X,Y	10,12	24,25
		10,11,16,25			7,8,9.3	8,9,11	15,16,17
MDT2GL	PowerPlex® Fusion						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
	14		13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
	2.2,9,10,15	14,15,15.2	28,31,31.2,33.2	11,16	X,Y	10,12	24,25
		10,11,16,25			7,8,9.3	8,9,11	15,16,17
MEURUW	Identifiler® Plus, MiniFiler						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	2.2,9,10,15	14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
MF4CP7	PowerPlex® ESI 17 PRO, AB NGM SElect						
	3	12,14	21,22,25	10,11,14	15,16,17,18		
	14		13,15	17,17.3,18,19		9,11,12	13,16,17,18
	2.2,9,10,15	14,15,15.2	28,31,31.2,33.2	11,16	X,Y		24,25
			11.2,18,19,21	7,8,9.3			15,16,17
MFQA2R	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	2.2,9,10,15	28,31,31.2,33.2			X,Y	10,12	24,25
		10,11,16,25			7,8,9.3	8,9,11	15,16,17
MJ7JCA	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	2.2,9,10,15	14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
MJ8GM7	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	2.2,9,10,15	28,31,31.2,33.2			X,Y	10,12	24,25
		10,11,16,25			7,8,9.3	8,9,11	15,16,17

TABLE 2

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

MJHWNE	Identifiler® Plus, MiniFiler						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
MJQC3L	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
			28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
MK9AMY	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
MKCK6P	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
MKUZQ6	Profiler Plus						
	3				15,16,17,18	12,13	8,10,11,12
		14,14			11,13,14		13,16,17,18
			28,31,31.2,33.2		X,Y		24,25 15,16,17
MPAHVM	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
MUN96N	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17



TABLE 2

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

MV3P79	PowerPlex® 16						
	3				15,16,17,18	12,[13]	8,10,11,12
	14				[11],13,14	[9],11,12	13,16,17,18
			28,31,31.2,33.2		X,Y	10,12	24,[25]
		2.2,9,10,15	10,11,16,25		7,[8],9.3	8,[9],[11]	15,16,17
MV4FGX	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
MX23T8	Identifiler® Plus						
	3		[21],22,25		[15],16,17,18	12,[13]	[8],10,11,12
	14				[11],13,[14]	[9],11,[12]	13,16,[17,18]
		14,[15,15.2]	28,31,31.2,33.2		X,[Y]	10,12	24,[25]
					7,8,9.3	8,[9,11]	[15],16,17
N2XKDZ	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
N4KRN2	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
N88Y2Q	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,12,[13]	8,10,11,12
	14,14				11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,24,[25]
					7,8,9.3	8,9,11	15,16,17
N9WCGN	Identifiler®						
	3		21,22,25		15,16,17,18	12,[13]	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,[25]
					7,8,9.3	8,9,11	15,16,17

TABLE 2

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

NAP8ZP	PowerPlex® Fusion						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
		14	13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	11,16	X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	
NAY8V7	Identifiler® Plus						
	3	na	21,22,25	na	15,16,17,18	12,13	8,10,11,12
		14	na	na	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	na	X,Y	10,12	24,25
	na	na	na	7,8,9.3	8,9,11	15,16,17	
NCLW26	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
NCXWKT	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
NHAJUP	Identifiler® Plus						
	3		[21,22],25		15,16,[17,18]	12,[13]	[8],10,11,[12]
		14,14			[11],13,[14]	[9],11,[12]	13,16,[17,18]
		14,[15,15.2]	28,[31],31.2,[33.2]		X,Y	10,12	24,[25]
				7,[8,9.3]	8,[9,11]	[15],[16],17	
NJYHJ3	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
NKF3JK	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	

TABLE 2

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

NNEVKP	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,12,(13)	8,10,11,12
		14,14			(11),13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,24,(25)
				7,8,9.3	8,9,11	15,16,17	
NP8A4E	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
NUKYGW	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
NWXN2L	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
NZTDKE	Identifiler® Identifiler Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14,14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
P2VVKT	Identifiler® Identifiler Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
P46PUZ	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	

TABLE 2

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

P6J8W7	Identifiler® Plus, MiniFiler						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
P9YN7A	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
PB9HZP	PowerPlex® 16 HS						
	3	NA	NA	NA	15,16,17,18	12,13	8,10,11,12
		14	NA	NA	11,13,14	9,11,12	13,16,17,18
		NA	28,31,31.2,33.2	NA	X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
PBMCCCH	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,[13]	8,10,11,12
		14			[11],13,[14]	[9],11,[12]	13,16,[17],[18]
		14,[15],[15.2]	28,31,31.2,33.2		X,Y 7,[8],[9.3]	10,12 8,[9],[11]	24,[25] [15],[16],17
PF2NPC	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
PJUG4U	Identifiler® Plus, MiniFiler						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
PLJB6A	Globalfiler						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
		14,14	13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	11,16 11.2,18,19,21	X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 3 - STR Results</b>							
PNFJL7	PowerPlex® 16						
	3				15,16,17,18	12,[13]	8,10,11,12
	14				11,13,[14]	9,11,[12]	13,16,17,18
	2.2,9,10,15	28,31,31.2,33.2			X,Y	10,12	24,[25]
		10,11,[16],[25]			7,[8],[9.3]	8,[9],[11]	15,16,17
PPJ339	PowerPlex® Fusion						
	3	12,[14]	21,22,25	10,11,[14]	15,16,17,18	12,[13]	[8],10,11,[12]
	14,14		13,[15]	[17],[17.3],18,19	[11],13,[14]	[9],11,12	13,16,17,18
	14,[15],[15.2]	28,31,31.2,33.2		[11],16	X,Y	10,12	24,[25]
	[2.2],9,10,[15]	10,11,16,25			7,[8],9.3	8,[9],[11]	[15],[16],17
PT8VDW	Identifiler Plus						
	3		21,22,25		[15],16,17,18	12,[13]	8,10,11,12
	14				[11],13,[14]	[9],11,[12]	13,16,17,18
	14,[15],[15.2]	28,31,31.2,33.2			X,Y	10,12	24,[25]
					7,[8],[9.3]	8,[9],[11]	[15],16,17
PUCE7X	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
PW6G3E	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	2.2,9,10,15	28,31,31.2,33.2			X,Y	10,12	24,25
		10,11,16,25			7,8,9.3	8,9,11	15,16,17
PZ8474	PowerPlex® 21						
	3	12,14	21,22,25		15,16,17,18	12,13	8,10,11,12
	14			17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25			7,8,9.3	8,9,11	15,16,17
Q468BV	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.3			X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17

TABLE 2

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

Item 3 - STR Results

Q8XNF4	COfiler® and Profiler Plus®						
	3	NA	NA	NA	INC	INC	INC
		INC	NA	NA	INC	INC	INC
		NA	INC	NA	INC	INC	INC
		NA	NA	NA	INC	INC	INC
Q9DXCB	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
Q9TUPN	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
QE27RF	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
QJE66U	PowerPlex® Fusion						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
		14	13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	11,16	X,Y	10,12	24,25
		2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17
QJGH4P	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
QR72TC	Identifiler® Plus						
	3	N/T	21,22,25	N/T	15,16,17,18	12,13	8,10,11,12
		14,14	N/T	N/T	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	N/T	X,Y	10,12	24,25
		N/T	N/T	N/T	7,8,9.3	8,9,11	15,16,17

TABLE 2

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

QRGW74	Identifiler®						
	3	N/A	[21],[22],25	N/A	15,16,17,18	12,[13]	8,10,11,[12]
		14	N/A	N/A	[11],13,[14]	[9],11,[12]	13,16,17,18
		14,[15],[15.2]	28,31,31.2,33.2	N/A	X,Y	10,12	24,[25]
	N/A	N/A	N/A	7,[8],[9.3]	8,[9],[11]	[15],[16],17	
QT23WZ	GlobalFiler						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
		14	13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	11,16	X,Y	10,12	24,25
			11.2,18,19,21	7,8,9.3	8,9,11	15,16,17	
QU3KN6	Identifiler® Plus, MiniFiler						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
QWEF92	COfiler® and Profiler Plus®						
	3				15,16,17,18	12,13	8,10,11,12
		14,14			11,13,14		13,16,17,18
			28,31,31.2,33.2		X,Y		24,25
						15,16,17	
QYP3DV	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,[13]	8,10,11,12
		14,14			[11],13,[14]	[9],11,[12]	13,16,17,18
		14,15,[15.2]	28,31,31.2,33.2		X,Y	10,12	24,24,[25]
				7,8,9.3	8,[9],[11]	[15],[16],17	
R267CC	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
R2CJ7L	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	

TABLE 2

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

R2UFP9	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
			28,31,31.2,33.2		X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	
R386WQ	Identifiler® Plus, MiniFiler						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25	
				7,8,9.3	8,9,11	15,16,17	
R3KQCU	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25	
				7,8,9.3	8,9,11	15,16,17	
R4H6TL	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25	
				7,8,9.3	8,9,11	15,16,17	
R6AA66	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
			28,31,31.2,33.2		X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	
R7VKT7	Identifiler® , Identifiler Plus, MiniFiler						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14,14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25	
				7,8,9.3	8,9,11	15,16,17	
R9GCMV	PowerPlex® 16						
	3				15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
			28,31,31.2,33.2		X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	



TABLE 2

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

RBXQZ4	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
RD3KDF	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
RDGFVW	PowerPlex® 16						
	3	N/A	N/A	N/A	15,16,17,18	12,[13]	8,10,11,12
	14		N/A	N/A	[11],13,[14]	9,11,12	13,16,17,18
	14,15,15.2	N/A	28,31,31.2,33.2	N/A	X,Y 7,8,9.3	10,12 8,[9],[11]	24,[25] 15,16,17
RDRMFP	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
REFEE4	COfiler® and Profiler Plus®						
	3	NA	NA	NA	INC	INC	INC
	14	INC	NA	NA	INC	INC	INC
	14,15,15.2	NA	INC	NA	INC	INC	INC
RF7TME	Identifiler® Plus						
	3	N/A	21,22,25	N/A	15,16,17,18	12,13	8,10,11,12
	14		N/A	N/A	11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2	N/A	X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
RG4LK4	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17

TABLE 2

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

RHP2KT	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
RHTVND	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
RJBLYJ	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14,14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
RLGBCD	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
RQT8RM	PowerPlex® 16 HS and FUSION						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
		14	13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
		14,15,15.2 2.2,9,10,15	28,31,31.2,33.2 10,11,16,25	11,16	X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
RUXMQE	Identifiler®						
	3	-	21,22,25	-	15,16,17,18	12,13	8,10,11,12
		14	-	-	11,13,14	9,11,12	13,16,17,18
		14,15,15.2 -	28,31,31.2,33.2 -	- -	X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
RV8MHE	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
			28,31,31.2,33.2 2.2,9,10,15		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17

TABLE 2

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

Item 3 - STR Results

RVGCJK	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14,14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
RVLE44	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
			28,31,31.2,33.2		X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	
RX6HQF	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
RXKE3V	Identifiler® Plus, MiniFiler						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
RYUB98	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
RZPNBR	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
			28,31,31.2,33.2		X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	
T2KAEN	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	

TABLE 2

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

Item 3 - STR Results

T2MCC3	COfiler® and Profiler Plus®						
	3	NA	NA	NA	INC	INC	INC
		INC	NA	NA	INC	INC	INC
		NA	INC	NA	INC	INC	INC
		NA	NA	NA	INC	INC	INC
T2ZW4C	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
T3HHM8	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
T4EQC6	Identifiler® Plus, MiniFiler						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
T7YZNP	Identifiler® Plus						
	3	NA	21,22,25	NA	15,16,17,18	12,13	8,10,11,12
		14	NA	NA	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	NA	X,Y	10,12	24,25
		NA	NA	NA	7,8,9.3	8,9,11	15,16,17
T8ZD6R	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
TLV2UW	PowerPlex® HS						
	3				15,16,17,18	12,13	8,10,11,12
		14,14			11,13,14	9,11,12	13,16,17,18
			28,31,31.2,33.2		X,Y	10,12	24,25
		2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17

TABLE 2

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

TNHG9K	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
TQ3TLG	PowerPlex® Fusion						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
	14		13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
	14,15,15.2 2.2,9,10,15	28,31,31.2,33.2 10,11,16,25	11,16	X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17	
TR6DTH	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
TRN2DY	PowerPlex® 21						
	3	12,14	21,22,25		15,16,17,18	12,13	8,10,11,12
	14			17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
	14,15,15.2 2.2,9,10,15	28,31,31.2,33.2 10,11,16,25			X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
TWRMQN	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14,14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
TWNNUF	COfiler® and Profiler Plus®						
	3				15,16,17,18	12,(13)	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
		28,31,31.2,33.2			X,Y 7,(8),9.3	10,12 8,(9),(11)	24,(25) 15,16,17
U4APR6	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	2.2,9,10,15	28,31,31.2,33.2 10,11,16,25			X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17

TABLE 2

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

Item 3 - STR Results

U6MGL8	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17
			28,31,31.2,33.2		X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,>24			7,8,9.3	8,9,11	15,16,17
U7ZUHG	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
UB9F7D	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
UBPE6J	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
UDD3R6	GlobalFiler						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
	14		13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2		11,16	X,Y	10,12	24,25
			11.2,18,19,21	7,8,9.3	8,9,11	15,16,17	
UFGBKG	Identifiler® Plus						
	3	Not tested	21,22,25	Not tested	15,16,17,18	12,13	8,10,11,12
	14	Not tested	Not tested	Not tested	11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2	Not tested	Not tested	X,Y	10,12	24,25
	Not tested	Not tested	Not tested	7,8,9.3	8,9,11	15,16,17	
UFJELZ	Identifiler® Plus, MiniFiler						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17

TABLE 2

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

UFZXGD	Identifiler® Plus						
	3	n/a	21,22,25	n/a	15,16,17,18	12,13	8,10,11,12
		14	n/a	n/a	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	n/a	X,Y	10,12	24,25
		n/a	n/a	n/a	7,8,9.3	8,9,11	15,16,17
UGYT92	Identifiler® Plus, MiniFiler						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
UHK876	Identifiler®						
	3	-	21,22,25	-	15,16,17,18	12,[13]	8,10,11,12
		14	-	-	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	-	X,Y	10,12	24,[25]
		-	-	-	7,8,9.3	8,9,11	15,16,17
UJL8LQ	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
UN793A	Identifiler® Plus						
	3	-	21,22,25	-	15,16,17,18	12,13	8,10,11,12
		14	-	-	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	-	X,Y	10,12	24,25
		-	-	-	7,8,9.3	8,9,11	15,16,17
UNCEND	Identifiler® Plus, MiniFiler						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
UNRPCK	PowerPlex® 16						
	3	N/A	N/A	N/A	15,16,17,18	12,[13]	8,10,11,12
		14	N/A	N/A	11,13,14	9,11,12	13,16,17,18
		N/A	28,31,31.2,33.2	N/A	X,Y	10,12	24,[25]
	2.2,9,10,15	10,11,16,25	N/A	7,8,9.3	8,[9],[11]	15,16,17	

TABLE 2

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

Item 3 - STR Results

UQPBMA	Identifiler Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
UX2FCV	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	
UXEN3Q	Identifiler® , PowerPlex® Hot Start						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	
UZ8T7G	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14,14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
V2CNHD	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
V2UBJG	Identifiler®						
	3		21,22,24,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
VC2K9Z	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	



TABLE 2

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

VK8FZJ	3	12,14 14,14 14,15,15.2	21,22,25 13,15 28,31,31.2,33.2	10,11,14 17,17.3,18,19 11,16	15,16,17,18  X,Y 7,8,9.3	9,11,12	13,16,17,18 24,25 15,16,17
VKPKHH	Identifiler® Plus 3	14 14,15,15.2	21,22,25 28,31,31.2,33.2		15,16,17,18 11,13,14 X,Y 7,8,9.3	12,13 9,11,12 10,12 8,9,11	8,10,11,12 13,16,17,18 24,25 15,16,17
VKRJPR	Identifiler® Identifiler Plus 3	14,14 14,15,15.2	21,22,25 28,31,31.2,33.2		15,16,17,18 11,13,14 X,Y 7,8,9.3	12,13 9,11,12 10,12 8,9,11	8,10,11,12 13,16,17,18 24,25 15,16,17
VLNJ2Q	Identifiler® 3	14,14 14,[15,15.2]	21,22,25 28,31,31.2,33.2		15,16,17,18 [11],13,[14] X,Y 7,[8,9.3]	12,12,[13] 9,11,12 10,12 8,[9,11]	8,10,11,12 13,16,17,18 24,24,[25] 15,16,17
VMU8VM	Identifiler® Plus 3	N/A 14 14,15,15.2 N/A	21,22,25 N/A 28,31,31.2,33.2 N/A	N/A N/A N/A N/A	15,16,17,18 11,13,14 X,Y 7,8,9.3	12,13 9,11,12 10,12 8,9,11	8,10,11,12 13,16,17,18 24,25 15,16,17
VP3DGN	Identifiler® Plus 3	14 14,15,15.2^	21,22,25 28,31,31.2,33.2		15,16,17,18 11,13,14 X,Y 7,8,9.3	12,13 9,11,12 10,12 8,9,11	8,10,11,12 13,16,17,18 24,25 15,16,17
VRFU42	Identifiler® Plus, MiniFiler 3	14 14,15,15.2	21,22,25 28,31,31.2,33.2		15,16,17,18 11,13,14 X,Y 7,8,9.3	12,13 9,11,12 10,12 8,9,11	8,10,11,12 13,16,17,18 24,25 15,16,17

TABLE 2

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

VRXKE8	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
VUGXJ3	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
			28,31,31.2,33.2		X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	
W7QFZ	Identifiler® Plus, MiniFiler						
	3	NA	21,22,25	NA	15,16,17,18	12,13	8,10,11,12
		14	NA	NA	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	NA	X,Y	10,12	24,25
	NA	NA	NA	7,8,9.3	8,9,11	15,16,17	
W897P	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
VZNCH2	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14,14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
W4JMQ7	PowerPlex® PP16 HS, Fusion						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
		14	13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	11,16	X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	
W4KD4F	Identifiler Plus and MiniFiler						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	

TABLE 2

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

W69T9G	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
WA7396	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
WA7YHZ	Identifiler® , MiniFiler						
	3	-	21,[22],25	-	[15],16,[17],18	12,[13]	8,10,11,12
		14	-	-	[11],13,[14]	[9],11,12	13,16,17,18
		14,[15],[15.2]	28,31,31.2,33.2	-	X,Y 7,[8],9.3	10,12 8,[9],[11]	24,[25] 15,16,17
WC3KZD	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,[25] 15,16,17
WGL7C4	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		2.2,9,10,15	28,31,31.2,33.2 10,11,16,25		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
WHKNJU	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14,14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
WHVTC	Identifiler® Plus						
	3	-	21,22,25	-	15,16,17,18	12,13	8,10,11,12
		14	-	-	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	-	X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17

TABLE 2

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

WJFPHC	PowerPlex® 16 HS 3				15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
			28,31,31.2,33.2		X,Y	10,12	24,25
		2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17
WK62DB	Identifiler® Plus 3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
WK6MNC	Identifiler® 3	n/a	21,22,25	n/a	15,16,17,18	12,13	8,10,11,12
		14	n/a	n/a	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	n/a	X,Y	10,12	24,25
		n/a	n/a	n/a	7,8,9.3	8,9,11	15,16,17
WME462	Globalfiler 3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
		14	13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	11,16	X,Y	10,12	24,25
				11.2,18,19,21	7,8,9.3	8,9,11	15,16,17
WNUCJV	PowerPlex® 21 3	12,14	21,22,25		15,16,17,18	12,13	8,10,11,12
		14		17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
		2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17
WPXQBN	Identifiler® 3	-	21,22,25	-	15,16,17,18	12,[13]	8,10,11,12
		14	-	-	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	-	X,Y	10,12	24,[25]
		-	-	-	7,[8],9.3	8,[9],[11]	15,16,17
WQ8XEG	PowerPlex® Fusion 3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
		14	13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	11,16	X,Y	10,12	24,25
		2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17

TABLE 2

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

WRNM29	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
			28,31,31.2,33.2		X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	
WUYBW7	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25	
				7,8,9.3	8,9,11	15,16,17	
WXWTXE	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25	
				7,8,9.3	8,9,11	15,16,17	
WZGED3	Identifiler®						
	3		21,22,25		15,16,17,18	12,[13]	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,[25]	
				7,8,9.3	8,9,11	15,16,17	
X3GEXC	PowerPlex® Fusion, PowerPlex 16 HS						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
	14		13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2		11,16	X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	
X3H6AM	Identifiler® Plus, MiniFiler						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25	
				7,8,9.3	8,9,11	15,16,17	
X6RLFR	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14,14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25	
				7,8,9.3	8,9,11	15,16,17	

TABLE 2

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

X96CW	Identifiler® Plus, MiniFiler						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
XALYEF	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
XAURL6	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
XAZWKF	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
XB3ACM	PowerPlex® PP16 HS						
	3				15,16,17,18	12,13	8,10,11,12
		14,14			11,13,14	9,11,12	13,16,17,18
			28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
	2.2,9,10,15	10,11,16,25					
XC7LHH	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
			28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
	2.2,9,10,15	10,11,16,25					
XDGXHD	Identifiler® Plus, MiniFiler						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17

TABLE 2

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

XFBXUQ	Identifiler® Plus						
	3	-	21,22,25	-	15,16,17,18	12,13	8,10,11,12
		14	-	-	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	-	X,Y	10,12	24,25
		-	-	-	7,8,9.3	8,9,11	15,16,17
XFJH8R	Identifiler® and Identifiler Plus, MiniFiler						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
XHUPP7	PowerPlex® Fusion						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
		14	13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,30,31,31.2,33.2	11,16	X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	
XJ4DPQ	PowerPlex® 16 and 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
		14,14			11,13,14	9,11,12	13,16,17,18
			28,31,31.2,33.2		X,Y	10,12	24,25
	2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17	
XKQXDH	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
XMPE9X	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
XTCDPY	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	

TABLE 2

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

XUD2C4	Identifiler Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
XX9YHM	Identifiler®						
	3		21,22,25		[15],16,[17],[18]	12,12,[13]	8,10,11,12
	14,14				[11],13,[14]	9,11,12	13,16,17,18
	14,[15],[15.2]		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,[9],[11]	24,[25] 15,16,17
XXAPVW	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
XYMF3F	Identifiler Plus						
	3	N/A	21,22,25	N/A	15,16,17,18	12,[13]	8,10,11,12
	14,14		N/A	N/A	[11],13,[14]	[9],11,[12]	13,16,17,18
	14,[15],[15.2]		28,[31,31.2,33.2]	N/A	X,Y 7,[8,9.3]	10,12 8,[9,11]	24,[25] [15],[16],17
Y36NYU	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
Y3FAAB	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
Y4PGC4	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17



TABLE 2

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

Y6644B	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
Y66W44	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	2.2,9,10,15		28,31,31.2,33.2 10,11,16,25		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
Y8XVAF	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
YAX3H7	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	2.2,9,10,15		28,31,31.2,33.2 10,11,16,25		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
YB62DU	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
YC8PZZ	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2		28,31,31.2,33.2		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
YCTJXA	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	2.2,9,10,15		28,31,31.2,33.2 10,11,16,25		X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17

TABLE 2

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

Item 3 - STR Results

YCYFTD	PowerPlex® Fusion, PowerPlex 16 HS						
	3	12,14	21,22,25	10,11,14	15,16,17,18	12,13	8,10,11,12
		14	13,15	17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	11,16	X,Y	10,12	24,25
		2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17
YD3RV2	Identifiler Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14,14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
YEVKY8	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
			28,31,31.2,33.2		X,Y	10,12	24,25
		2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17
YGKVRK	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
YHRRYP	Identifiler® and Identifiler Plus, MiniFiler						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
YJDQMU	PowerPlex® 21						
	3	12,14	21,22,25		15,16,17,18	12,13	8,10,11,12
		14,14		17,17.3,18,19	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
		2.2,9,10,15	10,11,16,25		7,8,9.3	8,9,11	15,16,17
YLWPY4	Identifiler® Plus						
	3	NA	21,22,25	NA	15,16,17,18	12,13	8,10,11,12
		14,14	NA	NA	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	NA	X,Y	10,12	24,25
		NA	NA	NA	7,8,9.3	8,9,11	15,16,17

TABLE 2

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

YM4T39	Identifiler® Plus						
	3	-	21,22,25	-	15,16,17,18	12,13	8,10,11,12
		14	-	-	11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2	-	X,Y	10,12	24,25
		-	-	-	7,8,9.3	8,9,11	15,16,17
YPEYX3	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14,14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
YQ249F	PowerPlex® 16						
	3	N/A	N/A	N/A	15,16,17,18	12,[13]	8,10,11,12
		14	N/A	N/A	11,13,14	9,11,12	13,16,17,18
		N/A	28,31,31.2,33.2	N/A	X,Y	10,12	24,[25]
	2.2,9,10,15	10,11,16,25	N/A	7,8,9.3	8,[9],[11]	15,16,17	
YTBUVCV	Identifiler® Plus						
	3		21,22,25		[15],16,17,18	12,[13]	8,10,11,12
		14			[11],13,[14]	[9],11,[12]	13,16,17,[18]
		14,[15,15.2]	28,31,31.2,[33.2]		X,Y	10,12	24,[25]
				7,[8,9.3]	8,[9,11]	[15,16],17	
YUDEJX	Identifiler® Plus, MiniFiler						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
YUGTDB	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	
YWQ86W	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
				7,8,9.3	8,9,11	15,16,17	

TABLE 2

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

YYDJFG	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
Z3JJ9T	Identifiler® Plus, MiniFiler						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
Z4E4XD	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
Z4NQYT	Identifiler® Plus, MiniFiler						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
Z9UNZK	Identifiler®						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
ZCNL36	PowerPlex® 16 HS						
	3				15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	2.2,9,10,15	28,31,31.2,33.2 10,11,16,25			X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17
ZDHHDK	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y 7,8,9.3	10,12 8,9,11	24,25 15,16,17

TABLE 2

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

ZEC3NX	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
ZGB4RU	Identifiler®						
	3	N/A	21,[22],25	N/A	[15],16,[17],[18]	12,[13]	8,10,11,12
		14	N/A	N/A	[11],13,[14]	[9],11,[12]	13,16,[17],[18]
		14,[15],[15.2]	28,[31],31.2,[33.2]	N/A	X,Y	10,12	24,[25]
		N/A	N/A	N/A	7,[8],[9.3]	8,[9],[11]	[15],[16],17
ZH9TCW	Identifiler® Plus						
	3		[21,22],25		[15],16,17,18	12,[13]	[8],10,11,[12]
		14			[11],13,[14]	[9],11,[12]	13,16,17,[18]
		14,[15,15.2]	28,[31],31.2,[33.2]		X,[Y]	10,12	24,[25]
					7,[8,9.3]	8,[9,11]	15,16,17
ZHUBKC	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
ZJETFX	COfiler® and Profiler Plus®						
	3	NA	NA	NA	inc	inc	inc
		inc	NA	NA	inc	inc	inc
		NA	inc	NA	inc	inc	inc
		NA	NA	NA	inc	inc	inc
ZLUG8V	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17
ZM2TQR	Identifiler® Plus						
	3		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17

TABLE 2

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

Item 3 - STR Results

ZPPUMM	PowerPlex® HS						
	3				15,16,17,18	12,13	8,10,11,12
	14				11,13,14	9,11,12	13,16,17,18
	2.2,9,10,15	28,31,31.2,33.2			X,Y	10,12	24,25
		10,11,16,25			7,8,9.3	8,9,11	15,16,17
ZTLH29	Identifiler® Plus						
	3	-	21,22,25	-	15,16,17,18	12,13	8,10,11,12
	14	-	-	-	11,13,14	9,11,12	13,16,17,18
	14,15,15.2	28,31,31.2,33.2			X,Y	10,12	24,25
	-	-	-	7,8,9.3	8,9,11	15,16,17	
ZV7LHT	Identifiler®						
	3	N/A	21,22,25	N/A	15,16,17,18	12,[13]	8,10,11,12
	14	N/A	N/A	N/A	[11],13,[14]	[9],11,[12]	13,16,17,18
	14,15,[15.2]	28,[31],31.2,33.2			X,Y	10,12	24,[25]
	N/A	N/A	N/A	7,[8],[9.3]	8,[9],[11]	15,16,17	

TABLE 2

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

Item 3e - STR Results

C62TX8	Identifiler® Plus						
	3e		21,22,25		15,16,17,18	12,13	8,10,11,12
		14			11,13,14	9,11,12	13,16,17,18
		14,15,15.2	28,31,31.2,33.2		X,Y	10,12	24,25
					7,8,9.3	8,9,11	15,16,17

TABLE 2

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

Item 3sp - STR Results

C62TX8	Identifiler® Plus						
	3sp		22 ^		NR	NR	NR
		NR			13 ^	9 ^, 11 ^, 12 ^	NR
		NR	NR		NR	NR	NR
					NR	NR	NR



TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA
<b>Item 4 - STR Results</b>							
22JXJ7	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
22JZAB	Identifiler® Plus, MiniFiler						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
22ZA4W	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
23RK6K	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
24M7T6	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
29XTEE	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
29YDWV	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 4 - STR Results</b>							
2AEWDZ	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
2ANKE8	Identifiler® Identifiler Plus						
	4	n/a	20,23	n/a	15,16	13,14	10,12
		13,16	n/a	n/a	11,11	12,13	14,16
		13,14	28,29	n/a	X,X	11,12	20,24
		n/a	n/a	n/a	9.3,9.3	8,10	16,18
2CDL3M	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
2CGUQE	PowerPlex® 16 HS, Fusion						
	4	17,18.3	20,23	10,14	15,16	13,14	10,12
		13,16	13,14	21,22	11	12,13	14,16
		13,14	28,29	16	X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
2DRQ2K	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
2FUNDY	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
2GQCK2	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18

TABLE 2

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

Item 4 - STR Results

2HHW49	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
2JJ26G	Identifiler® Plus, MiniFiler						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
2MWXKQ	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
2P42J9	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
	10,13	13,15		9.3	8,10	16,18	
2QEPKF	GlobalFiler						
	4	17,18.3	20,23	10,14	15,16	13,14	10,12
		13,16	13,14	21,22	11	12,13	14,16
		13,14	28,29	16	X	11,12	20,24
	-	-	20,2,21	9.3	8,10	16,18	
2RCCDR							
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
2RUAN4	PowerPlex® PP16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
	10,13	13,15		9.3	8,10	16,18	

TABLE 2

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

2TWYJE	Identifiler® , NGM						
	4	17,18.3	20,23	10,14	15,16	13,14	10,12
		13,16	13,14	21,22	11	12,13	14,16
		13,14	28,29	16	X 9.3	11,12 8,10	20,24 16,18
2XG7HK	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X 9.3	11,12 8,10	20,24 16,18
2XMB24	Identifiler® Plus						
	4	-	20,23	-	15,16	13,14	10,12
		13,16	-	-	11	12,13	14,16
		13,14	28,29	-	X 9.3	11,12 8,10	20,24 16,18
2YUMP8	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X 9.3	11,12 8,10	20,24 16,18
32TCHZ	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X 9.3	11,12 8,10	20,24 16,18
32U826	PowerPlex® Fusion						
	4	17,18.3	20,23	10,14	15,16	13,14	10,12
		13,16	13,14	21,22	11	12,13	14,16
		13,14	28,29	16	X 9.3	11,12 8,10	20,24 16,18
34KLC2	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X 9.3,9.3	11,12 8,10	20,24 16,18

TABLE 2

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

Item 4 - STR Results

36F3T6	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
37QYZU	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
37TKXV	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
37TMMZ	Identifiler® Plus						
	4	NA	20,23	NA	15,16	13,14	10,12
		13,16	NA	NA	11,11	12,13	14,16
		13,14	28,29	NA	X,X	11,12	20,24
	NA	NA	NA	9.3,9.3	8,10	16,18	
38XMHZ	PowerPlex® 16						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
	10,13	13,15		9.3	8,10	16,18	
39BVLY	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
3CJTQ3	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	

TABLE 2

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

Item 4 - STR Results

3CQZ3N	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
3DCM8J	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
3LEPVH	Identifiler®						
	4	-	20,23	-	15,16	13,14	10,12
		13,16	-	-	11	12,13	14,16
		13,14	28,29	-	X	11,12	20,24
				9.3	8,10	16,18	
3MHNPX	Identifiler® Identifiler Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
3MUVNE	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
3REAFZ	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
3UVA6A	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 4 - STR Results</b>							
3V6CVE	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
3WCA8N	Identifiler Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
3X2XDQ	Identifiler Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
3XEHUF	PowerPlex® HS, Fusion						
	4	17,18.3	20,23	10,14	15,16	13,14	10,12
		13,16	13,14	21,22	11	12,13	14,16
		13,14	28,29	16	X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
46A8M4	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
499JKP	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
4AJ6WQ	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA
<b>Item 4 - STR Results</b>							
4DMWMW	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
4DMZXZ	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3	8,10	16,18
4G2PBG	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
4GPUZB	Identifiler® Plus, MiniFiler						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
4HXBQU	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
4LZZJN	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11,11	12,13	14,16
			28,29		X,X	11,12	20,24
		10,13	13,15		9.3,9.3	8,10	16,18
4NJAG3	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18



TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA
<b>Item 4 - STR Results</b>							
4P23QC	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
4QQBGF	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
4RHZR3	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
4TD2T6	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
	10,13	13,15		9.3	8,10	16,18	
4V3AYZ	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
626FWW	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
62QF6Z	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	

TABLE 2

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

## Item 4 - STR Results

664ATJ	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
66JYU7	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
6AKLWF	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
6BGTE8	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
6JFGJ4	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
6KJBPA	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
6PQTWP	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	

TABLE 2

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

Item 4 - STR Results

6PW4NF	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
6RHG6R	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
6VZ38R	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11,11	12,13	14,16
			28,29		X,X	11,12	20,24
		10,13	13,15		9.3,9.3	8,10	16,18
6WVHLA	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
6YXXZM	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
6ZG96R	Identifiler® Plus, MiniFiler						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
744NM7	PowerPlex® Fusion, PowerPlex 16 HS						
	4	17,18.3	20,23	10,14	15,16	13,14	10,12
		13,16	13,14	21,22	11	12,13	14,16
		13,14	28,29	16	X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA
<b>Item 4 - STR Results</b>							
767ERT	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
76X9DB	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
79WZRX	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
7AJVLQ	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
7DGHUL	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
7ERGAN	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
7F2FFQ	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18

TABLE 2

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

Item 4 - STR Results

7GXT64	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
7JKJ33	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
7JU83M	COfiler® and Profiler Plus®						
	4				15,16	13,14	10,12
		13,16			11,11		14,16
			28,29		X,X		20,24
						16,18	
7JU849	PowerPlex® 16						
	4	Not Tested	Not Tested	Not Tested	15,16	13,14	10,12
		13,16	Not Tested	Not Tested	11,11	12,13	14,16
		Not Tested	28,29	Not Tested	X,X	11,12	20,24
	10,13	13,15	Not Tested	9.3,9.3	8,10	16,18	
7KJLZ	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
7KYU8L	GLOBALFILER						
	4	17,18.3	20,23	10,14	15,16	13,14	10,12
		13,16	13,14	21,22	11,11	12,13	14,16
		13,14	28,29	16,16	X,X	11,12	20,24
			20.2,21	9.3,9.3	8,10	16,18	
7T9APU	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 4 - STR Results</b>							
7TJWVP	Identifiler®						
	4	N/A	20,23	N/A	15,16	13,14	10,12
		13,16	N/A	N/A	11,11	12,13	14,16
		13,14	28,29	N/A	X,X	11,12	20,24
		N/A	N/A	N/A	9.3,9.3	8,10	16,18
7TKQHG	PowerPlex® 16						
	4	N/A	N/A	N/A	15,16	13,14	10,12
		13,16	N/A	N/A	11,11	12,13	14,16
		N/A	28,29	N/A	X,X	11,12	20,24
		10,13	13,15	N/A	9.3,9.3	8,10	16,18
7UVMVX	Identifiler® Plus						
	4	-	20,23	-	15,16	13,14	10,12
		13,16	-	-	11	12,13	14,16
		13,14	28,29	-	X	11,12	20,24
		-	-	-	9.3	8,10	16,18
7VHCR7	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
8BLQC3	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
8KAU7M	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
8QBVMG	PowerPlex® 21						
	4	17,18.3	20,23	-	15,16	13,14	10,12
		13,16	-	21,22	11,11	12,13	14,16
		13,14	28,29	-	X,X	11,12	20,24
		10,13	13,15	-	9.3,9.3	8,10	16,18

TABLE 2

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

Item 4 - STR Results

8QHXHG	Identifiler® Plus						
	4	-	20,23	-	15,16	13,14	10,12
		13,16	-	-	11	12,13	14,16
		13,14	28,29	-	X,X	11,12	20,24
		-	-	-	9.3	8,10	16,18
8UGC4K	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
8UNVAH	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
8W4PNU	Identifiler® Plus						
	4	no profile	20,23	no profile	15,16	13,14	10,12
		13,16	no profile	no profile	11,11	12,13	14,16
		13,14	28,29	no profile	X,X	11,12	20,24
		no profile	no profile	no profile	9.3,9.3	8,10	16,18
8WKEJN	COfiler® and Profiler Plus® , MiniFiler						
	4	NA	20,23	NA	15,16	13,14	10,12
		13,16	NA	NA	11	12,13	14,16
		NA	28,29	NA	X	11,12	20,24
		NA	NA	NA	9.3	8,10	16,18
8XHW66	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
8XUM22	PowerPlex® Fusion, PP16 HS (Data Review)						
	4	17,18.3	20,23	10,14	15,16	13,14	10,12
		13,16	13,14	21,22	11	12,13	14,16
		13,14	28,29	16	X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA
<b>Item 4 - STR Results</b>							
8ZLTA6	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
8ZRUPD	GlobalFiler						
	4	17,18.3	20,23	10,14	15,16	13,14	10,12
		13,16	13,14	21,22	11,11	12,13	14,16
		13,14	28,29	16,16	X,X	11,12	20,24
				20.2,21	9.3,9.3	8,10	16,18
94E8J9	Identifiler® Identifiler Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
94TAU9	Identifiler® Identifiler Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
97K7M9	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
9AGUZA	PowerPlex® 16 HS, PowerPlex® ESX17						
	4	17,18.3	20,23	10,14	15,16	13,14	10,12
		13,16	13,14	21,22	11,11	12,13	14,16
		13,14	28,29	16,16	X,X	11,12	20,24
		10,13	13,15	20.2,21	9.3,9.3	8,10	16,18
9CEJY4	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18



TABLE 2

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

9CFA2R	GlobalFiler						
	4	17,18.3	20,23	10,14	15,16	13,14	10,12
		13,16	13,14	21,22	11,11	12,13	14,16
		13,14	28,29	16,16	X,X	11,12	20,24
			20,2,21	9,3,9,3	8,10	16,18	
9CP389	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9,3,9,3	8,10	16,18	
9CY8DR	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9,3,9,3	8,10	16,18	
9EWECF	PowerPlex® ESI-17 Fast, ESX-17 Fast						
	4	17,18.3	20,23	10,14	15,16		
		13,16	13,14	21,22		12,13	14,16
		13,14	28,29	16	X		20,24
			20,2,21	9,3		16,18	
9GTW3C	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9,3,9,3	8,10	16,18	
9H24FJ	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9,3	8,10	16,18	
9HMRHT	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9,3,9,3	8,10	16,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 4 - STR Results</b>							
9J37U9	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
9KWRLE	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
9M46ME	PowerPlex® 16						
	4	N/A	N/A	N/A	15,16	13,14	10,12
		13,16	N/A	N/A	11,11	12,13	14,16
		N/A	28,29	N/A	X,X	11,12	20,24
		10,13	13,15	N/A	9.3,9.3	8,10	16,18
9MACV3	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
9MUFK9	Identifiler® Identifiler Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
9MYRLC	GlobalFiler™						
	4	17,18.3	20,23	10,14	15,16	13,14	10,12
		13,16	13,14	21,22	11,11	12,13	14,16
		13,14	28,29	16,16	X,X	11,12	20,24
				20.2,21	9.3,9.3	8,10	16,18
9RDDNQ	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18

TABLE 2

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

Item 4 - STR Results

9VBZY7	Identifiler® Plus, MiniFiler						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10		16,18
9VLFZF	Identifiler® , GoldenEye 20A						
	4		20,23		15,16	13,14	10,12
		13,16		21,22	11	12,13	14,16
		13,14	28,29		X	11,12	20,24
	10,13	13,15		9.3	8,10		16,18
9W27BQ	PowerPlex® HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
	10,13	13,15		9.3	8,10		16,18
9WEMHC	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10		16,18
9XTNBL	Identifiler® Plus, MiniFiler						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10		16,18
9Y4N8F	Identifiler®						
	4	NA	20,23	NA	15,16	13,14	10,12
		13,16	NA	NA	11	12,13	14,16
		13,14	28,29	NA	X	11,12	20,24
	NA	NA	NA	9.3	8,10		16,18
9YRFBJ	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11,11	12,13	14,16
			28,29		X,X	11,12	20,24
	10,13	13,15		9.3,9.3	8,10		16,18

TABLE 2

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

Item 4 - STR Results

9ZQEUR	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
A2LVZT	PowerPlex® Fusion						
	4	17,18.3	20,23	10,14	15,16	13,14	10,12
		13,16	13,14	21,22	11	12,13	14,16
		13,14	28,29	16	X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
A3DABJ	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
A3GFQY	Identifiler Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
A3Z3LA	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
AG74BX	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
AH2QYN	Identifiler Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 4 - STR Results</b>							
AMWCXD	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
APCKNJ	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
AT2BA3	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
ATR6LR	Identifiler® Plus, MiniFiler						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
ATWCW2	Identifiler® Plus						
	4	-	20,23	-	15,16	13,14	10,12
		13,16	-	-	11,11	12,13	14,16
		13,14	28,29	-	X,X	11,12	20,24
		-	-	-	9.3,9.3	8,10	16,18
AURV2M	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
AV3JBR	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18

TABLE 2

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

Item 4 - STR Results

AZY63U	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
B2A4YP	Globalfiler						
	4	17,18.3	20,23	10,14	15,16	13,14	10,12
		13,16	13,14	21,22	11,11	12,13	14,16
		13,14	28,29	16,16	X,X	11,12	20,24
				20.2,21	9.3,9.3	8,10	16,18
B3U8FA	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
B6U3LK	Identifiler® Plus, MiniFiler						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
B7YQN3	Identifiler® Plus, MiniFiler						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
B8GLMH	PowerPlex® PP21						
	4	17,18.3	20,23		15,16	13,14	10,12
		13,16		21,22	11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
		10,13	13,15		9.3,9.3	8,10	16,18
B8YVCC	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 4 - STR Results</b>							
BADZJ2	Globalfiler						
	4	17,18.3 13,16 13,14	20,23 13,14 28,29	10,14 21,22 16,16 20.2,21	15,16 11,11 X,X 9.3,9.3	13,14 12,13 11,12 8,10	10,12 14,16 20,24 16,18
BAGHL7	Identifiler® Plus						
	4	13,16 13,14	20,23 28,29		15,16 11,11 X,X 9.3,9.3	13,14 12,13 11,12 8,10	10,12 14,16 20,24 16,18
BGNJ9Z	Identifiler® Plus						
	4	13,16 13,14	20,23 28,29		15,16 11 X 9.3	13,14 12,13 11,12 8,10	10,12 14,16 20,24 16,18
BGZ7FT	PowerPlex® 16 HS						
	4	13,16 10,13	28,29 13,15		15,16 11 X 9.3	13,14 12,13 11,12 8,10	10,12 14,16 20,24 16,18
BHTQ2L	Identifiler® Plus						
	4	13,16 13,14	20,23 28,29		15,16 11 X,X 9.3	13,14 12,13 11,12 8,10	10,12 14,16 20,24 16,18
BHUVZA	Identifiler® Plus						
	4	13,16 13,14	20,23 28,29		15,16 11 X 9.3	13,14 12,13 11,12 8,10	10,12 14,16 20,24 16,18
BLA4QF	Identifiler® Plus						
	4	13,16 13,14	20,23 28,29		15,16 11,11 X,X 9.3,9.3	13,14 12,13 11,12 8,10	10,12 14,16 20,24 16,18

TABLE 2

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

Item 4 - STR Results

BLVRRP	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
BN6UM2	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
BNYQPB	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
BP9V4Y	PowerPlex® Fusion						
	4	17,18.3	20,23	10,14	15,16	13,14	10,12
		13,16	13,14	21,22	11	12,13	14,16
		13,14	28,29	16	X	11,12	20,24
	10,13	13,15		9.3	8,10	16,18	
BPTLZQ	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
BRJP3X	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3,9.3	8,10	16,18	
BT2J6T	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3	8,10	16,18	



TABLE 2

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

Item 4 - STR Results

BWH3PN	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
BWX6WW	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
BXRZDD	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
	10,13	13,15		9.3	8,10	16,18	
BYGH3R	ID+						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
BYKXGD	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
BYLL6J	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11,11	12,13	14,16
			28,29		X,X	11,12	20,24
	10,13	13,15		9.3,9.3	8,10	16,18	
BZXD27	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	

TABLE 2

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

C2684J	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X 9.3	11,12 8,10	20,24 16,18
C2YHJE	Identifiler® ID and Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X 9.3	11,12 8,10	20,24 16,18
C7CCHJ	Identifiler® Plus						
	4	N/A	20,23	N/A	15,16	13,14	10,12
		13,16	N/A	N/A	11,11	12,13	14,16
		13,14	28,29	N/A	X,X 9.3,9.3	11,12 8,10	20,24 16,18
CA86DZ	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,(14),16			11,11	12,13	14,16
		13,14	28,29		X,X 9.3,9.3	11,12 8,10	20,24 16,18
CCNPN4	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X 9.3	11,12 8,10	20,24 16,18
CDGEZK	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X 9.3	11,12 8,10	20,24 16,18
CDJAFA	Identifiler® +						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X 9.3,9.3	11,12 8,10	20,24 16,18

TABLE 2

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

Item 4 - STR Results

CM6F7L	Identifiler Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
CMHY6X	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
CMWUKT	PowerPlex® Fusion						
	4	17,18.3	20,23	10,14	15,16	13,14	10,12
		13,16	13,14	21,22	11	12,13	14,16
		13,14	28,29	16	X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
CPCTUE	GlobalFiler						
	4	17,18.3	20,23	10,14	15,16	13,14	10,12
		13,16	13,14	21,22	11,11	12,13	14,16
		13,14	28,29	16,16	X,X	11,12	20,24
			20.2,21	9.3,9.3	8,10	16,18	
CVCNN2	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
CVF7Q8	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
CWABJY	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	

TABLE 2

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

Item 4 - STR Results

CWNCY2	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
CXJQ8	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
D2XYFC	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
D9TZF2	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
DARM7T	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
	10,13	13,15		9.3	8,10	16,18	
DBHEVY	Identifiler® Plus, PowerPlex® HS						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
	10,13	13,15		9.3	8,10	16,18	
DC7Z6N	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	

TABLE 2

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

Item 4 - STR Results

DHJLKZ	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
DJ3PTE	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
DKN4RH	Identifiler®						
	4	N/A	20,23	N/A	15,16	13,14	10,12
		13,16	N/A	N/A	11,11	12,13	14,16
		13,14	28,29	N/A	X,X	11,12	20,24
		N/A	N/A	N/A	9.3,9.3	8,10	16,18
DP3KZR	PowerPlex® Fusion						
	4	17,18.3	20,23	10,14	15,16	13,14	10,12
		13,16	13,14	21,22	11	12,13	14,16
		13,14	28,29	16	X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
DQHPQ4	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
DURCEV	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
DXMCT6	Identifiler® Plus, MiniFiler						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 4 - STR Results</b>							
DXY3P3	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
DZNEK2	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
E6YTZ6	GLOBALFILER						
	4	17,18.3	20,23	10,14	15,16	13,14	10,12
		13,16	13,14	21,22	11,11	12,13	14,16
		13,14	28,29	16,16	X,X	11,12	20,24
			20.2,21	9.3,9.3	8,10	16,18	
E7A4QC	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
E8G6MN	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
ECJUH3	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
ED8EUZ	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 4 - STR Results</b>							
ENN27M	PowerPlex® 16 HS						
	4	N/A 13,16 N/A 10,13	N/A N/A 28,29 13,15	N/A N/A N/A N/A	15,16 11 X 9.3	13,14 12,13 11,12 8,10	10,12 14,16 20,24 16,18
ENN7FP	Identifiler Plus						
	4		20,23		15,16 11 X,X 9.3	13,14 12,13 11,12 8,10	10,12 14,16 20,24 16,18
EPTL62	Identifiler® Plus						
	4		20,23		15,16 11 X 9.3	13,14 12,13 11,12 8,10	10,12 14,16 20,24 16,18
EPXW4T	Identifiler®						
	4		20,23		15,16 11 X 9.3	13,14 12,13 11,12 8,10	10,12 14,16 20,24 16,18
EUCCXR	Identifiler® Plus						
	4	- 13,16 13,14 -	20,23 - 28,29 -	- - - -	15,16 11 X 9.3	13,14 12,13 11,12 8,10	10,12 14,16 20,24 16,18
EUWJ4F	Identifiler®						
	4		20,23		15,16 11 X 9.3	13,14 12,13 11,12 8,10	10,12 14,16 20,24 16,18
EXRH BX	Identifiler® Plus, MiniFiler						
	4		20,23		15,16 11,11 X,X 9.3,9.3	13,14 12,13 11,12 8,10	10,12 14,16 20,24 16,18

TABLE 2

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

Item 4 - STR Results

EZFARP	Identifiler® Plus						
	4	-	20,23	-	15,16	13,14	10,12
		13,16	-	-	11,11	12,13	14,16
		13,14	28,29	-	X,X	11,12	20,24
		-	-	-	9.3,9.3	8,10	16,18
EZK827	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
F2K BXF	Identifiler®						
	4	N/A	20,23	N/A	15,16	13,14	10,12
		13,16	N/A	N/A	11,11	12,13	14,16
		13,14	28,29	N/A	X,X	11,12	20,24
		N/A	N/A	N/A	9.3,9.3	8,10	16,18
F42ZHQ	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
F6M2BM	PowerPlex® 16						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
F6UVY9	PowerPlex® 16 HS						
	4	not tested	not tested	not tested	15,16	13,14	10,12
		13,16	not tested	not tested	11	12,13	14,16
		not tested	28,29	not tested	X	11,12	20,24
		10,13	13,15	not tested	9.3	8,10	16,18
F8DWXZ	Identifiler® Plus, MiniFiler						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18



TABLE 2

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

Item 4 - STR Results

F8DYM6	PowerPlex® Fusion						
	4	17,18.3	20,23	10,14	15,16	13,14	10,12
		13,16	13,14	21,22	11	12,13	14,16
		13,14	28,29	16	X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
F9FDKY	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
FD3XZU	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
FD3ZPX	PowerPlex® Fusion						
	4	17,18.3	20,23	10,14	15,16	13,14	10,12
		13,16	13,14	21,22	11	12,13	14,16
		13,14	28,29	16	X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
FDKG47	PowerPlex® 16 HS						
	4	-	-	-	15,16	13,14	10,12
		13,16	-	-	11	12,13	14,16
		-	28,29	-	X	11,12	20,24
		10,13	13,15	-	9.3	8,10	16,18
FKJFBG	Identifiler® Plus						
	4	-	20,23	-	15,16	13,14	10,12
		13,16	-	-	11	12,13	14,16
		13,14	28,29	-	X,X	11,12	20,24
		-	-	-	9.3	8,10	16,18
FN24ZZ	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18

TABLE 2

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

Item 4 - STR Results

FN7HTT	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
FNNHJC	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
FU7GRQ	Identifiler® Plus						
	4	-	20,23	-	15,16	13,14	10,12
		13,16	-	-	11	12,13	14,16
		13,14	28,29	-	X	11,12	20,24
				9.3	8,10	16,18	
FX78A4	Identifiler® Identifiler Plus, MiniFiler						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
FYFNDN	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
FYPRGM	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
FZJFXW	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	

TABLE 2

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

Item 4 - STR Results

G2K2P2	Identifiler® Plus						
	4	NA	20,23	NA	15,16	13,14	10,12
		13,16	NA	NA	11,11	12,13	14,16
		13,14	28,29	NA	X,X	11,12	20,24
		NA	NA	NA	9.3,9.3	8,10	16,18
G974QC	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
GDJTGZ	Identifiler® Plus, MiniFiler						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
GG88DF	Identifiler®						
	4	N/A	20,23	N/A	15,16	13,14	10,12
		13,16	N/A	N/A	11,11	12,13	14,16
		13,14	28,29	N/A	X,X	11,12	20,24
		N/A	N/A	N/A	9.3,9.3	8,10	16,18
GGWM6K	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
GJWKYE	Identifiler® Plus, MiniFiler						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
GKDL6F	Identifiler® Plus						
	4	-	20,23	-	15,16	13,14	10,12
		13,16	-	-	11	12,13	14,16
		13,14	28,29	-	X,X	11,12	20,24
		-	-	-	9.3	8,10	16,18

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 4 - STR Results</b>							
GMRDRA	GlobalFiler						
	4	17,18.3 13,16 13,14	20,23 13,14 28,29	10,14 21,22 16,16 20.2,21	15,16 11,11 X,X 9.3,9.3	13,14 12,13 11,12 8,10	10,12 14,16 20,24 16,18
GN4BY	Identifiler® Plus						
	4	13,16 13,14	20,23 28,29		15,16 11 X 9.3	13,14 12,13 11,12 8,10	10,12 14,16 20,24 16,18
GPMRYZ	Identifiler® Plus						
	4	13,16 13,14	20,23 28,29		15,16 11 X 9.3	13,14 12,13 11,12 8,10	10,12 14,16 20,24 16,18
GPT8Z9	Identifiler® Plus						
	4	13,16 13,14	20,23 28,29		15,16 11,11 X,X 9.3,9.3	13,14 12,13 11,12 8,10	10,12 14,16 20,24 16,18
GTGXRJ	Identifiler® Plus						
	4	13,16 13,14	20,23 28,29		15,16 11,11 X,X 9.3,9.3	13,14 12,13 11,12 8,10	10,12 14,16 20,24 16,18
GTX2FJ	GlobalFiler						
	4	17,18.3 13,16 13,14	20,23 13,14 28,29	10,14 21,22 16,16 20.2,21	15,16 11,11 X,X 9.3,9.3	13,14 12,13 11,12 8,10	10,12 14,16 20,24 16,18
GU2G4V	Identifiler® Plus, PowerPlex® 16 HS						
	4	13,16 13,14 10,13	20,23 28,29 13,15		15,16 11 X 9.3	13,14 12,13 11,12 8,10	10,12 14,16 20,24 16,18

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 4 - STR Results</b>							
GVZYNQ	PowerPlex® 16 HS 4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
GWDJLL	Identifiler® Plus 4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
GXPAJP	Identifiler® Plus, MiniFiler 4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
H3F46H	Identifiler Plus 4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
H4NQEB	PowerPlex® ESI 16, in-house STR kit 4	17,18.3	20,23	10,14	15,16		
		13,16	13,14	21,22		12,13	14,16
		13,14	28,29	16	X		20,24
					9.3		16,18
H7TA9C	Identifiler® 4	N/A	20,23	N/A	15,16	13,14	10,12
		13,16	N/A	N/A	11,11	12,13	14,16
		13,14	28,29	N/A	X,X	11,12	20,24
		N/A	N/A	N/A	9.3,9.3	8,10	16,18
H94V96	PowerPlex® 16 HS 4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18

TABLE 2

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

Item 4 - STR Results

HBMW6C	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
HCFJT9	Identifiler® Identifiler Plus						
	4	-	20,23	-	15,16	13,14	10,12
		13,16	-	-	11	12,13	14,16
		13,14	28,29	-	X	11,12	20,24
		-	-	-	9.3	8,10	16,18
HCMYUF	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
HE6KJC	Identifiler® Plus, MiniFiler						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
HE798G	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
HE8TRG	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
	10,13	13,15		9.3	8,10	16,18	
HFGVGL	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
	10,13	13,15		9.3	8,10	16,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 4 - STR Results</b>							
HGCVKL	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
HHAMUR	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
HMHQ4L	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
HMTKTU	PowerPlex® ESX17, 21, CS7						
	4	17,18.3	20,23	10,14	15,16	13,14	10,12
		13,16	13,14	21,22	11	12,13	14,16
		13,14	28,29	16	X	11,12	20,24
		10,13	13,15	20.2,21	9.3	8,10	16,18
HRDQRB	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
HRP9A2	Identifiler® Plus, MiniFiler						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
HWCZ7J	PowerPlex® HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 4 - STR Results</b>							
HY2DVG	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
J288FW	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
J2DHEP	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3	8,10	16,18	
J8L6LD	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
J8XKFZ	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X,X	11,12	20,24
	10,13	13,15		9.3	8,10	16,18	
J8YXX8	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
JAJAKK	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	



TABLE 2

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

Item 4 - STR Results

JC3746	PowerPlex® 16 HS						
	4	-	-	-	15,16	13,14	10,12
		13,16	-	-	11	12,13	14,16
		-	28,29	-	X	11,12	20,24
		10,13	13,15	-	9.3	8,10	16,18
JCF29J	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
JCWK94	GlobalFiler						
	4	17,18.3	20,23	10,14	15,16	13,14	10,12
		13,16	13,14	21,22	11	12,13	14,16
		13,14	28,29	16	X	11,12	20,24
				20,20.2,21	9.3	8,10	16,18
JD7Y6B	COfiler® and Profiler Plus® , MiniFiler						
	4	NA	20,23	NA	15,16	13,14	10,12
		13,16	NA	NA	11	12,13	14,16
		NA	28,29	NA	X	11,12	20,24
		NA	NA	NA	9.3	8,10	16,18
JDW496	PowerPlex® 16						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
JE4NPD	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
JH4RMR	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 4 - STR Results</b>							
JHCKUF	Identifiler Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
JHE6YW	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
JJYDEW	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
JL3YX4	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
JM6K9B	Identifiler® Plus, MiniFiler						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
JN9KL4	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
JRC2D6	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 4 - STR Results</b>							
JTNW2H	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
JURDPV	PowerPlex® ESIPRO17, ESX17						
	4	17,18.3	20,23	10,14	15,16		
		13,16	13,14	21,22		12,13	14,16
		13,14	28,29	16	X,X		20,24
				20.2,21	9.3		16,18
JX2WZV	PowerPlex® PP 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
JYN29M	Identifiler® Plus						
	4	-	20,23	-	15,16	13,14	10,12
		13,16	-	-	11,11	12,13	14,16
		13,14	28,29	-	X,X	11,12	20,24
		-	-	-	9.3,9.3	8,10	16,18
K2GLXD	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
K4ZPJP	PowerPlex® PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
K6PMPP	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18

TABLE 2

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

Item 4 - STR Results

K7434Q	Identifiler® Plus						
	4	not tested	20,23	not tested	15,16	13,14	10,12
		13,16	not tested	not tested	11,11	12,13	14,16
		13,14	28,29	not tested	X,X	11,12	20,24
		not tested	not tested	not tested	9.3,9.3	8,10	16,18
K7JDRX	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
KCRBJV	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
KD2UCK	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
KFWUP4	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
KFXK3D	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
KGBZBK	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
	10,13	13,15		9.3	8,10	16,18	

TABLE 2

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

Item 4 - STR Results

KHFT2D	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
KHXQ9J	PowerPlex® Fusion						
	4	17,18.3	20,23	10,14	15,16	13,14	10,12
		13,16	13,14	21,22	11	12,13	14,16
		13,14	28,29	16	X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
KKLVUH	Identifiler® Identifiler Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
KLL8XJ	Identifiler® Plus						
	4	-	20,23	-	15,16	13,14	10,12
		13,16	-	-	11,11	12,13	14,16
		13,14	28,29	-	X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
KPN69C	Identifiler Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
KPTA99	Identifiler® , PowerPlex® 16 HS						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
KPYHHV	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	

TABLE 2

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

Item 4 - STR Results

KR7E6Q	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
KVMHJU	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
KWMPA8	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11,11	12,13	14,16
			28,29		X,X	11,12	20,24
	10,13	13,15		9.3,9.3	8,10	16,18	
KWU67R	PowerPlex® Fusion						
	4	17,18.3	20,23	10,14	15,16	13,14	10,12
		13,16	13,14	21,22	11	12,13	14,16
		13,14	28,29	16	X	11,12	20,24
	10,13	13,15		9.3	8,10	16,18	
KXVRC7	PowerPlex® 16						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
	10,13	13,15		9.3	8,10	16,18	
KZ8GLA	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
L4D8XA	COfiler® and Profiler Plus® , MiniFiler						
	4	NA	20,23	NA	15,16	13,14	10,12
		13,16	NA	NA	11	12,13	14,16
		NA	28,29	NA	X	11,12	20,24
	NA	NA	NA	9.3	8,10	16,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 4 - STR Results</b>							
L4DNAR	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
L4UVDN	PowerPlex® 16 HS						
	4	-	-	-	15,16	13,14	10,12
		13,16	-	-	11	12,13	14,16
		-	28,29	-	X	11,12	20,24
		10,13	13,15	-	9.3	8,10	16,18
L7F792	Identifiler® , MiniFiler						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
L8EPAN	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
L8FWLC	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
L8J99D	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
LB9X84	PowerPlex® HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 4 - STR Results</b>							
LBV24K	PowerPlex® Fusion						
	4	17,18.3	20,23	10,14	15,16	13,14	10,12
		13,16	13,14	21,22	11	12,13	14,16
		13,14	28,29	16	X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
LCQMVP	PowerPlex® Fusion						
	4	17,18.3	20,23	10,14	15,16	13,14	10,12
		13,16	13,14	21,22	11	12,13	14,16
		13,14	28,29	16	X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
LGPVLJ	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
LJN4YN	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
LJZUX7	Identifiler® Plus, PowerPlex® 16 HS						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
LL3P94	Identifiler® Identifiler Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
LMECT4	Identifiler Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18



TABLE 2

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

Item 4 - STR Results

LPXGFF	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
LQA8FJ	PowerPlex® Fusion, PP16 HS						
	4	17,18.3	20,23	10,14	15,16	13,14	10,12
		13,16	13,14	21,22	11	12,13	14,16
		13,14	28,29	16	X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
LRNVPB	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
LVQPRM	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
LWCVZR	Identifiler® Plus, PowerPlex® HS						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
LZACCL	Identifiler® Plus						
	4	-	20,23	-	15,16	13,14	10,12
		13,16	-	-	11	12,13	14,16
		13,14	28,29	-	X	11,12	20,24
		-	-	-	9.3	8,10	16,18
LZV2HM	Identifiler® Plus						
	4	-	20,23	-	15,16	13,14	10,12
		13,16	-	-	11,11	12,13	14,16
		13,14	28,29	-	X,X	11,12	20,24
		-	-	-	9.3,9.3	8,10	16,18

TABLE 2

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

Item 4 - STR Results

M2DQRP	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
M3YGNA							
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
M4GE4G	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
M6KXKH	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
M6PNYY	PowerPlex® 16 HS						
	4	n/a	n/a	n/a	15,16	13,14	10,12
		13,16	n/a	n/a	11	12,13	14,16
		n/a	28,29	n/a	X	11,12	20,24
		10,13	13,15	n/a	9.3	8,10	16,18
M7KAP6	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11,11	12,13	14,16
			28,29		X,X	11,12	20,24
		10,13	13,15		9.3,9.3	8,10	16,18
M7ZHQT	PowerPlex® 16 HS						
	4	-	-	-	15,16	13,14	10,12
		13,16	-	-	11	12,13	14,16
		-	28,29	-	X	11,12	20,24
		10,13	13,15	-	9.3	8,10	16,18

TABLE 2

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

Item 4 - STR Results

M92UYD	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
M9LYM2	Identifiler® Plus						
	4	-	20,23	-	15,16	13,14	10,12
		13,16	-	-	11	12,13	14,16
		13,14	28,29	-	X,X	11,12	20,24
				9.3	8,10	16,18	
M9M7XL	PowerPlex® Fusion						
	4	17,18.3	20,23	10,14	15,16	13,14	10,12
		13,16	13,14	21,22	11	12,13	14,16
		13,14	28,29	16	X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
M9RPYW	PowerPlex® HS						
	4				15,16	13,14	10,12
		13,16			11,11	12,13	14,16
			28,29		X,X	11,12	20,24
		10,13	13,15		9.3,9.3	8,10	16,18
MALBP2	Identifiler Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
MAMANG	Identifiler® Plus						
	4	-	20,23	-	15,16	13,14	10,12
		13,16	-	-	11,11	12,13	14,16
		13,14	28,29	-	X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
MBRRWK	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	

TABLE 2

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

Item 4 - STR Results

MC6GXC	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11,11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3,9.3	8,10	16,18
MDT2GL	PowerPlex® Fusion						
	4	17,18.3	20,23	10,14	15,16	13,14	10,12
		13,16	13,14	21,22	11	12,13	14,16
		13,14	28,29	16	X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
MEURUW	Identifiler® Plus, MiniFiler						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
MF4CP7	PowerPlex® ESI 17 PRO, AB NGM SElect						
	4	17,18.3	20,23	10,14	15,16		
		13,16	13,14	21,22		12,13	14,16
		13,14	28,29	16	X		20,24
			20.2,21	9.3		16,18	
MFQA2R	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
MJ7JCA	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
MJ8GM7	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11,11	12,13	14,16
			28,29		X,X	11,12	20,24
		10,13	13,15		9.3,9.3	8,10	16,18

TABLE 2

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

Item 4 - STR Results

MJHWNE	Identifiler® Plus, MiniFiler						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
MJQC3L	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
MK9AMY	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
MKCK6P	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
MKUZQ6	Profiler Plus						
	4				15,16	13,14	10,12
		13,16			11,11		14,16
			28,29		X,X		20,24
							16,18
MPAHVM	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
MUN96N	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18

TABLE 2

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

Item 4 - STR Results

MV3P79	PowerPlex® 16						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
MV4FGX	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
MX23T8	Identifiler® Plus						
	4		[20],23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
N2XKDZ	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3	8,10	16,18	
N4KRN2	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
N88Y2Q	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
N9WCGN	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 4 - STR Results</b>							
NAP8ZP	PowerPlex® Fusion						
	4	17,18.3 13,16 13,14 10,13	20,23 13,14 28,29 13,15	10,14 21,22 16	15,16 11 X 9.3	13,14 12,13 11,12 8,10	10,12 14,16 20,24 16,18
NAY8V7	Identifiler® Plus						
	4	na 13,16 13,14 na	20,23 na 28,29 na	na na na na	15,16 11,11 X,X 9.3,9.3	13,14 12,13 11,12 8,10	10,12 14,16 20,24 16,18
NCLW26	Identifiler® Plus						
	4		20,23		15,16 11,11 X,X 9.3,9.3	13,14 12,13 11,12 8,10	10,12 14,16 20,24 16,18
NCXWKT	Identifiler® Plus						
	4		20,23		15,16 11,11 X,X 9.3,9.3	13,14 12,13 11,12 8,10	10,12 14,16 20,24 16,18
NHAJUP	Identifiler® Plus						
	4		20,23		15,16 11,11 X,X 9.3,9.3	13,14 12,13 11,12 8,10	10,12 14,16 20,24 16,18
NJYHJ3	Identifiler® Plus						
	4		20,23		15,16 11,11 X,X 9.3,9.3	13,14 12,13 11,12 8,10	10,12 14,16 20,24 16,18
NKF3JK	Identifiler® Plus						
	4		20,23		15,16 11,11 X,X 9.3,9.3	13,14 12,13 11,12 8,10	10,12 14,16 20,24 16,18

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 4 - STR Results</b>							
NNEVKP	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
NP8A4E	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
NUKYGW	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
NWXN2L	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
NZTDKE	Identifiler® Identifiler Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
P2VVKT	Identifiler® Identifiler Plus, MiniFiler						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
P46PUZ	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18



TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 4 - STR Results</b>							
P6J8W7	Identifiler® Plus, MiniFiler						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
P9YN7A	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
PB9HZP	PowerPlex® 16 HS						
	4	NA	NA	NA	15,16	13,14	10,12
		13,16	NA	NA	11	12,13	14,16
		NA	28,29	NA	X	11,12	20,24
		10,13	13,15	NA	9.3	8,10	16,18
PBMCCH	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
PF2NPC	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
PJUG4U	Identifiler® Plus, MiniFiler						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
PLJB6A	Globalfiler						
	4	17,18.3	20,23	10,14	15,16	13,14	10,12
		13,16	13,14	21,22	11,11	12,13	14,16
		13,14	28,29	16,16	X,X	11,12	20,24
				20.2,21	9.3,9.3	8,10	16,18

TABLE 2

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

Item 4 - STR Results

PNFJL7	PowerPlex® 16						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
PPJ339	PowerPlex® Fusion						
	4	17,18.3	20,23	10,14	15,16	13,14	10,12
		13,16	13,14	21,22	11,11	12,13	14,16
		13,14	28,29	16,16	X,X	11,12	20,24
		10,13	13,15		9.3,9.3	8,10	16,18
PT8VDW	Identifiler Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
PUCE7X	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
PW6G3E	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
PZ8474	PowerPlex® 21						
	4	17,18.3	20,23		15,16	13,14	10,12
		13,16		21,22	11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
		10,13	13,15		9.3,9.3	8,10	16,18
Q468BV	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA
<b>Item 4 - STR Results</b>							
Q8XNF4	COfiler® and Profiler Plus® , MiniFiler						
	4	NA	20,23	NA	15,16	13,14	10,12
		13,16	NA	NA	11	12,13	14,16
		NA	28,29	NA	X	11,12	20,24
		NA	NA	NA	9.3	8,10	16,18
Q9DXCB	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
Q9TUPN	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
QE27RF	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
QJE66U	PowerPlex® Fusion						
	4	17,18.3	20,23	10,14	15,16	13,14	10,12
		13,16	13,14	21,22	11	12,13	14,16
		13,14	28,29	16	X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
QJGH4P	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
QR72TC	Identifiler® Plus						
	4	N/T	20,23	N/T	15,16	13,14	10,12
		13,16	N/T	N/T	11,11	12,13	14,16
		13,14	28,29	N/T	X,X	11,12	20,24
		N/T	N/T	N/T	9.3,9.3	8,10	16,18

TABLE 2

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

QRGW74	Identifiler®						
	4	N/A	20,23	N/A	15,16	13,14	10,12
		13,16	N/A	N/A	11,11	12,13	14,16
		13,14	28,29	N/A	X,X	11,12	20,24
		N/A	N/A	N/A	9.3,9.3	8,10	16,18
QT23WZ	GlobalFiler						
	4	17,18.3	20,23	10,14	15,16	13,14	10,12
		13,16	13,14	21,22	11	12,13	14,16
		13,14	28,29	16	X	11,12	20,24
			20.2,21	9.3	8,10	16,18	
QU3KN6	Identifiler® Plus, MiniFiler						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
QWEF92	COfiler® and Profiler Plus®						
	4				15,16	13,14	10,12
		13,16			11,11		14,16
			28,29		X,X		20,24
						16,18	
QYP3DV	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
R267CC	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
R2CJ7L	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	

TABLE 2

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

Item 4 - STR Results

R2UFP9	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
R386WQ	Identifiler® Plus, MiniFiler						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
R3KQCU	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
R4H6TL	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
R6AA66	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
R7VKT7	Identifiler® , Identifiler Plus, MiniFiler						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
R9GCMV	PowerPlex® 16						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18

TABLE 2

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

Item 4 - STR Results

RBXQZ4	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
RD3KDF	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
RDGFVW	PowerPlex® 16						
	4	N/A	N/A	N/A	15,16	13,14	10,12
		13,16	N/A	N/A	11,11	12,13	14,16
		N/A	28,29	N/A	X,X	11,12	20,24
	10,13	13,15	N/A	9.3,9.3	8,10	16,18	
RDRMFP	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
REFEE4	COfiler® and Profiler Plus® , MiniFiler						
	4	NA	20,23	NA	15,16	13,14	10,12
		13,16	NA	NA	11	12,13	14,16
		NA	28,29	NA	X	11,12	20,24
	NA	NA	NA	9.3	8,10	16,18	
RF7TME	Identifiler® Plus						
	4	N/A	20,23	N/A	15,16	13,14	10,12
		13,16	N/A	N/A	11,11	12,13	14,16
		13,14	28,29	N/A	X,X	11,12	20,24
	N/A	N/A	N/A	9.3,9.3	8,10	16,18	
RG4LK4	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	

TABLE 2

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

Item 4 - STR Results

RHP2KT	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
RHTVND	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
RJBLYJ	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
RLGBCD	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
RQT8RM	PowerPlex® 16 HS and FUSION						
	4	17,18.3	20,23	10,14	15,16	13,14	10,12
		13,16	13,14	21,22	11	12,13	14,16
		13,14	28,29	16	X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
RUXMQE	Identifiler®						
	4	-	20,23	-	15,16	13,14	10,12
		13,16	-	-	11,11	12,13	14,16
		13,14	28,29	-	X,X	11,12	20,24
		-	-	-	9.3,9.3	8,10	16,18
RV8MHE	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18

TABLE 2

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

Item 4 - STR Results

RVGCJK	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
RVLE44	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
	10,13	13,15		9.3	8,10	16,18	
RX6HQF	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
RXKE3V	Identifiler® Plus, MiniFiler						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
RYUB98	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
RZPNBR	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X,X	11,12	20,24
	10,13	13,15		9.3	8,10	16,18	
T2KAEN	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	



TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 4 - STR Results</b>							
T2MCC3	COfiler® and Profiler Plus® , MiniFiler						
	4	NA 13,16 NA NA	20,23 NA 28,29 NA	NA NA NA NA	15,16 11 X 9.3	13,14 12,13 11,12 8,10	10,12 14,16 20,24 16,18
T2ZW4C	Identifiler® Plus						
	4		20,23		15,16 11,11 X,X 9.3,9.3	13,14 12,13 11,12 8,10	10,12 14,16 20,24 16,18
T3HMH8	Identifiler®						
	4		20,23		15,16 11 X 9.3	13,14 12,13 11,12 8,10	10,12 14,16 20,24 16,18
T4EQC6	Identifiler® Plus, MiniFiler						
	4		20,23		15,16 11 X 9.3	13,14 12,13 11,12 8,10	10,12 14,16 20,24 16,18
T7YZNP	Identifiler® Plus						
	4	NA 13,16 13,14 NA	20,23 NA 28,29 NA	NA NA NA NA	15,16 11,11 X,X 9.3,9.3	13,14 12,13 11,12 8,10	10,12 14,16 20,24 16,18
T8ZD6R	Identifiler® Plus						
	4		20,23		15,16 11,11 X,X 9.3,9.3	13,14 12,13 11,12 8,10	10,12 14,16 20,24 16,18
TLV2UW	PowerPlex® HS						
	4				15,16 11,11 X,X 9.3,9.3	13,14 12,13 11,12 8,10	10,12 14,16 20,24 16,18

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 4 - STR Results</b>							
TNHG9K	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
TQ3TLG	PowerPlex® Fusion						
	4	17,18.3	20,23	10,14	15,16	13,14	10,12
		13,16	13,14	21,22	11	12,13	14,16
		13,14	28,29	16	X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
TR6DTH	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
TRN2DY	PowerPlex® 21						
	4	17,18.3	20,23		15,16	13,14	10,12
		13,16		21,22	11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
		10,13	13,15		9.3,9.3	8,10	16,18
TWRMQN	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
TWVNUF	COfiler® and Profiler Plus®						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
					9.3	8,10	16,18
U4APR6	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 4 - STR Results</b>							
U6MGL8	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
U7ZUHG	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
UB9F7D	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
UBPE6J	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
UDD3R6	GlobalFiler						
	4	17,18.3	20,23	10,14	15,16	13,14	10,12
		13,16	13,14	21,22	11,11	12,13	14,16
		13,14	28,29	16,16	X,X	11,12	20,24
				20.2,21	9.3,9.3	8,10	16,18
UFGBKG	Identifiler® Plus						
	4	Not tested	20,23	Not tested	15,16	13,14	10,12
		13,16	Not tested	Not tested	11,11	12,13	14,16
		13,14	28,29	Not tested	X,X	11,12	20,24
		Not tested	Not tested	Not tested	9.3,9.3	8,10	16,18
UFJELZ	Identifiler® Plus, MiniFiler						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3	8,10	16,18

TABLE 2

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

Item 4 - STR Results

UFZXGD	Identifiler® Plus						
	4	n/a	20,23	n/a	15,16	13,14	10,12
		13,16	n/a	n/a	11,11	12,13	14,16
		13,14	28,29	n/a	X,X	11,12	20,24
		n/a	n/a	n/a	9.3,9.3	8,10	16,18
UGYT92	Identifiler® Plus, MiniFiler						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
UHK876	Identifiler®						
	4	-	20,23	-	15,16	13,14	10,12
		13,16	-	-	11	12,13	14,16
		13,14	28,29	-	X	11,12	20,24
		-	-	-	9.3	8,10	16,18
UJL8LQ	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
UN793A	Identifiler® Plus						
	4	-	20,23	-	15,16	13,14	10,12
		13,16	-	-	11	12,13	14,16
		13,14	28,29	-	X	11,12	20,24
		-	-	-	9.3	8,10	16,18
UNCEND	Identifiler® Plus, MiniFiler						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
UNRPCK	PowerPlex® 16						
	4	N/A	N/A	N/A	15,16	13,14	10,12
		13,16	N/A	N/A	11,11	12,13	14,16
		N/A	28,29	N/A	X,X	11,12	20,24
		10,13	13,15	N/A	9.3,9.3	8,10	16,18

TABLE 2

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

Item 4 - STR Results

UQPBMA	Identifiler Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
UX2FCV	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
UXEN3Q	Identifiler®, PowerPlex® Hot start						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
UZ8T7G	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
V2CNHD	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
V2UBJG	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
VC2K9Z	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18

TABLE 2

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

Item 4 - STR Results

VK8FZJ							
	4	17,18.3	20,23	10,14	15,16		
		13,16	13,14	21,22		12,13	14,16
		13,14	28,29	16,16	X,X		20,24
					9.3,9.3		16,18
VKPKHH	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
VKRJPR	Identifiler® Identifiler Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
VLNJ2Q	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
VMU8VM	Identifiler® Plus						
	4	N/A	20,23	N/A	15,16	13,14	10,12
		13,16	N/A	N/A	11,11	12,13	14,16
		13,14	28,29	N/A	X,X	11,12	20,24
		N/A	N/A	N/A	9.3,9.3	8,10	16,18
VP3DGN	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
VRFU42	Identifiler® Plus, MiniFiler						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18

TABLE 2

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

Item 4 - STR Results

VRXKE8	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
VUGXJ3	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
	10,13	13,15		9.3	8,10	16,18	
W7QFZ	Identifiler® Plus, MiniFiler						
	4	NA	20,23	NA	15,16	13,14	10,12
		13,16	NA	NA	11	12,13	14,16
		13,14	28,29	NA	X	11,12	20,24
	NA	NA	NA	9.3	8,10	16,18	
W897P	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
VZNCH2	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
W4JMQ7	PowerPlex® PP16 HS, Fusion						
	4	17,18.3	20,23	10,14	15,16	13,14	10,12
		13,16	13,14	21,22	11	12,13	14,16
		13,14	28,29	16	X	11,12	20,24
	10,13	13,15		9.3	8,10	16,18	
W4KD4F	Identifiler Plus and MiniFiler						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 4 - STR Results</b>							
W69T9G	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
WA7396	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
WA7YHZ	Identifiler® , MiniFiler						
	4	-	20,23	-	15,16	13,14	10,12
		13,16	-	-	11,11	12,13	14,16
		13,14	28,29	-	X,X	11,12	20,24
		-	-	-	9.3,9.3	8,10	16,18
WC3KZD	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
WGL7C4	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
WHKNJU	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
WHVTC	Identifiler® Plus						
	4	-	20,23	-	15,16	13,14	10,12
		13,16	-	-	11,11	12,13	14,16
		13,14	28,29	-	X,X	11,12	20,24
		-	-	-	9.3,9.3	8,10	16,18



TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 4 - STR Results</b>							
WJFPHC	PowerPlex® 16 HS 4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
WK62DB	Identifiler® Plus 4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
WK6MNC	Identifiler® 4	n/a	20,23	n/a	15,16	13,14	10,12
		13,16	n/a	n/a	11,11	12,13	14,16
		13,14	28,29	n/a	X,X	11,12	20,24
		n/a	n/a	n/a	9.3,9.3	8,10	16,18
WME462	Globalfiler 4	17,18.3	20,23	10,14	15,16	13,14	10,12
		13,16	13,14	21,22	11,11	12,13	14,16
		13,14	28,29	16,16	X,X	11,12	20,24
				20.2,21	9.3,9.3	8,10	16,18
WNUCVJ	PowerPlex® 21 4	17,18.3	20,23		15,16	13,14	10,12
		13,16		21,22	11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
		10,13	13,15		9.3,9.3	8,10	16,18
WPXQBN	Identifiler® 4	-	20,23	-	15,16	13,14	10,12
		13,16	-	-	11	12,13	14,16
		13,14	28,29	-	X	11,12	20,24
		-	-	-	9.3	8,10	16,18
WQ8XEG	PowerPlex® Fusion 4	17,18.3	20,23	10,14	15,16	13,14	10,12
		13,16	13,14	21,22	11	12,13	14,16
		13,14	28,29	16	X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18

TABLE 2

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

Item 4 - STR Results

WRNM29	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
WUYBW7	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
WXWTXE	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
WZGED3	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
X3GEXC	PowerPlex® Fusion, PowerPlex 16 HS						
	4	17,18.3	20,23	10,14	15,16	13,14	10,12
		13,16	13,14	21,22	11	12,13	14,16
		13,14	28,29	16	X	11,12	20,24
	10,13	13,15		9.3	8,10	16,18	
X3H6AM	Identifiler® Plus, MiniFiler						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
X6RLFR	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	

TABLE 2

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

Item 4 - STR Results

X96CW	Identifiler® Plus, MiniFiler						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
XALYEF	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
XAURL6	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	
XAZWKF	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
XB3ACM	PowerPlex® PP16 HS						
	4				15,16	13,14	10,12
		13,16			11,11	12,13	14,16
			28,29		X,X	11,12	20,24
	10,13	13,15		9.3,9.3	8,10	16,18	
XC7LHH	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11,11	12,13	14,16
			28,29		X,X	11,12	20,24
	10,13	13,15		9.3,9.3	8,10	16,18	
XDGXHD	Identifiler® Plus, MiniFiler						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
				9.3,9.3	8,10	16,18	

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA
<b>Item 4 - STR Results</b>							
XFBXUQ	Identifiler® Plus						
	4	-	20,23	-	15,16	13,14	10,12
		13,16	-	-	11	12,13	14,16
		13,14	28,29	-	X,X	11,12	20,24
		-	-	-	9.3	8,10	16,18
XFJH8R	Identifiler® and Identifiler Plus, MiniFiler						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
XHUPP7	PowerPlex® Fusion						
	4	17,18.3	20,23	10,14	15,16	13,14	10,12
		13,16	13,14	21,22	11	12,13	14,16
		13,14	28,29	16	X	11,12	20,24
	10,13	13,15		9.3	8,10	16,18	
XJ4DPQ	PowerPlex® 16 and 16 HS						
	4				15,16	13,14	10,12
		13,16			11,11	12,13	14,16
			28,29		X,X	11,12	20,24
	10,13	13,15		9.3,9.3	8,10	16,18	
XKQXDH	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	
XMPE9X	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3,9.3	8,10	16,18	
XTCDPY	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
				9.3	8,10	16,18	

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 4 - STR Results</b>							
XUD2C4	Identifiler Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
XX9YHM	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
XXAPVW	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
XYMF3F	Identifiler Plus						
	4	N/A	20,23	N/A	15,16	13,14	10,12
		13,16	N/A	N/A	11,11	12,13	14,16
		13,14	28,29	N/A	X,X	11,12	20,24
		N/A	N/A	N/A	9.3,9.3	8,10	16,18
Y36NYU	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
Y3FAAB	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
Y4PGC4	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18

TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 4 - STR Results</b>							
Y6644B	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
Y66W44	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
Y8XVAF	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
YAX3H7	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
YB62DU	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
YC8PZZ	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
YCTJXA	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18

TABLE 2

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

Item 4 - STR Results

YCYFTD	PowerPlex® Fusion, PowerPlex 16 HS						
	4	17,18.3	20,23	10,14	15,16	13,14	10,12
		13,16	13,14	21,22	11	12,13	14,16
		13,14	28,29	16	X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
YD3RV2	Identifiler Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
YEVKY8	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
YGKVRK	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
YHRRYP	Identifiler® and Identifiler Plus, MiniFiler						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
YJDQMU	PowerPlex® 21						
	4	17,18.3	20,23		15,16	13,14	10,12
		13,16		21,22	11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
		10,13	13,15		9.3,9.3	8,10	16,18
YLWPY4	Identifiler® Plus						
	4	NA	20,23	NA	15,16	13,14	10,12
		13,16	NA	NA	11,11	12,13	14,16
		13,14	28,29	NA	X,X	11,12	20,24
		NA	NA	NA	9.3,9.3	8,10	16,18

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA
<b>Item 4 - STR Results</b>							
YM4T39	Identifiler® Plus						
	4	-	20,23	-	15,16	13,14	10,12
		13,16	-	-	11,11	12,13	14,16
		13,14	28,29	-	X,X	11,12	20,24
		-	-	-	9.3,9.3	8,10	16,18
YPEYX3	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
YQ249F	PowerPlex® 16						
	4	N/A	N/A	N/A	15,16	13,14	10,12
		13,16	N/A	N/A	11,11	12,13	14,16
		N/A	28,29	N/A	X,X	11,12	20,24
		10,13	13,15	N/A	9.3,9.3	8,10	16,18
YTBUVCV	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
YUDEJX	Identifiler® Plus, MiniFiler						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
YUGTDB	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
YWQ86W	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18



TABLE 2

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 4 - STR Results</b>							
YYDJFG	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
Z3JJ9T	Identifiler® Plus, MiniFiler						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
Z4E4XD	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
Z4NQYT	Identifiler® Plus, MiniFiler						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
Z9UNZK	Identifiler®						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
ZCNL36	PowerPlex® 16 HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
ZDHHDK	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18

TABLE 2

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA
<b>Item 4 - STR Results</b>							
ZEC3NX	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
ZGB4RU	Identifiler®						
	4	N/A	20,23	N/A	15,16	13,14	10,12
		13,16	N/A	N/A	11,11	12,13	14,16
		13,14	28,29	N/A	X,X	11,12	20,24
		N/A	N/A	N/A	9.3,9.3	8,10	16,18
ZH9TCW	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
ZHUBKC	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18
ZJETFX	COfiler® and Profiler Plus® , MiniFiler						
	4	NA	20,23	NA	15,16	13,14	10,12
		13,16	NA	NA	11	12,13	14,16
		NA	28,29	NA	X	11,12	20,24
		NA	NA	NA	9.3	8,10	16,18
ZLUG8V	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11,11	12,13	14,16
		13,14	28,29		X,X	11,12	20,24
					9.3,9.3	8,10	16,18
ZM2TQR	Identifiler® Plus						
	4		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18

TABLE 2

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

Item 4 - STR Results

ZPPUMM	PowerPlex® HS						
	4				15,16	13,14	10,12
		13,16			11	12,13	14,16
			28,29		X	11,12	20,24
		10,13	13,15		9.3	8,10	16,18
ZTLH29	Identifiler® Plus						
	4	-	20,23	-	15,16	13,14	10,12
		13,16	-	-	11,11	12,13	14,16
		13,14	28,29	-	X,X	11,12	20,24
		-	-	-	9.3,9.3	8,10	16,18
ZV7LHT	Identifiler®						
	4	N/A	20,23	N/A	15,16	13,14	10,12
		13,16	N/A	N/A	11,11	12,13	14,16
		13,14	28,29	N/A	X,X	11,12	20,24
		N/A	N/A	N/A	9.3,9.3	8,10	16,18

TABLE 2

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

Item 4e - STR Results

C62TX8	Identifiler® Plus						
	4e		20,23		15,16	13,14	10,12
		13,16			11	12,13	14,16
		13,14	28,29		X	11,12	20,24
					9.3	8,10	16,18

TABLE 2

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

Item 4sp - STR Results

C62TX8	Identifiler® Plus						
	4sp		NR		NR	NR	NR
		NR			NR	NR	NR
		NR	NR		NR	NR	NR
					NR	NR	NR

# Amplification Kit(s) & YSTR Results

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
<b>Item 1 - YSTR Results</b>									
22JXJ7	Yfiler® 1	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		
22JZAB	Yfiler® 1	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		
22ZA4W	PowerPlex® Y PowerPlex Y23 1	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17	22	12
		13	17	18	23	10	12		
2ANKE8	Yfiler® 1	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17	n/a	n/a
		n/a	n/a	n/a	23	n/a	12	n/a	
2CDL3M	Yfiler® 1	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		
2CGUQE	PowerPlex® Y 23 1	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17	22	12
		13	17	18	23	10	12		
2FUNDY	Yfiler® 1	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		
2GQCK2	PowerPlex® Y 23 1	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17	22	12
		13	17	18	23	10	12		
2HHW49	Yfiler® 1	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		

TABLE 3

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

## Item 1 - YSTR Results

2JJ26G	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
2MWXKQ	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
2QEPKF	GlobalFiler	1	-	-	-	-	-	11	-	-
			-	-	-	-	-	-	-	-
			-	-	-	-	-	-	2	
2RUAN4	PowerPlex® Y Y23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
2TWYJE	Yfiler® , PowerPlex® Y 23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
2VL62Q	PowerPlex® Y PPY23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
32TCHZ	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
32U826	1							11		
34KLC2	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
37QYZU	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		

TABLE 3

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

37TKXV	Yfiler® 1	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		
37TMMZ	Yfiler® 1	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17	NA	NA
		NA	NA	NA	23	NA	12	NA	
3DCM8J	Yfiler® 1	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		
3LEPVH	Yfiler® 1	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17	-	-
		-	-	-	23	-	12	-	
3MHNPX	Yfiler® 1	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		
3MUVNE	Yfiler® 1	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		
3REAFZ	Yfiler® 1	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		
3UVA6A	Yfiler® 1	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		
3V6CVE	Yfiler® 1	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		
3WCA8N	Yfiler® 1	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		



TABLE 3

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

3XEHUF	PowerPlex® Y 23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
4AJ6WQ	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
4GPUZB	PowerPlex® Y 23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
4HXBQU	PowerPlex® Y 23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
4NJAG3	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
4P23QC	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
4TD2T6	PowerPlex® Y 23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
66JYU7	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
6BGTE8	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
6JFGJ4	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		

TABLE 3

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

## Item 1 - YSTR Results

6KJBPA	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
6PQTWP	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
6VZ38R	PowerPlex® Y 23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
6ZG96R	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
744NM7	PowerPlex Fusion	1						11		
76X9DB	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
79WZRX	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
7AJVLQ	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
7F2FFQ	PowerPlex® Y 23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
7KYU8L	Yfiler® , Globalfiler	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12	2	

TABLE 3

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

7T9APU	Yfiler® 1	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		
7UVMVX	Yfiler® 1	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17	-	-
		-	-	-	23	-	12	-	-
8KAU7M	Yfiler® 1	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		
8QHXHRG	Yfiler® 1	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17	-	-
		-	-	-	23	-	12	-	-
8UNVAH	Yfiler® 1	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		
8W4PNU	Yfiler® 1	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17	no profile	no profile
		no profile	no profile	no profile	23	no profile	12	no profile	
8WKEJN	Yfiler® 1	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17	NA	NA
		NA	NA	NA	23	NA	12	NA	
8XHW66	Yfiler® 1	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		
8XUM22	1						11		
8ZRUPD	PowerPlex® Y 1	14	13,16	13	30	24	11	13	13
		15	13	11					

TABLE 3

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

## Item 1 - YSTR Results

94TAU9	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
9AGUZA	PowerPlex® Y 23	1	14	13-16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
9CFA2R	GlobalFiler Express	1						11		
									2	
9CP389	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
9EWECP	PowerPlex® Y Y23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
9GTW3C	PowerPlex® Y	1	14	13,16	13	30	24	11	13	13
			15	13	11					
9H24FJ	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
9HMRHT	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
9KWRLE	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
9MYRLC	PowerPlex® Y	1	14	13,16	13	30	24	11	13	13
			15	13	11					
								2		

TABLE 3

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

## Item 1 - YSTR Results

9VBZY7	PowerPlex® Y 23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
9VLFZF	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
				17	18	23		12		
9W27BQ	PowerPlex® Y 23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
9XTNBL	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
9Y4N8F	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	NA	NA
			NA	NA	NA	23	NA	12	NA	
9ZQEUR	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
A2LVZT		1					11			
A3Z3LA	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
AG74BX	PowerPlex® Y 23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
AH2QYN	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		

TABLE 3

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

ATR6LR	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
AV3JBR	PowerPlex® Y 23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
AZY63U	PowerPlex® Y 23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
B2A4YP	Globalfiler Express	1						11		
									2	
B6U3LK	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
B8YVCC	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
BADZJ2		1						11		
									2	
BAGHL7	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
BGNJ9Z	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
BHTQ2L	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		

TABLE 3

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

## Item 1 - YSTR Results

BNYQPB	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
BP9V4Y		1						11		
BT2J6T	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
BWH3PN	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
C2684J	Yfiler®	1	13,16	23	13	30	11	15	13	11
			14	17	24	19	13	12		
						15		13		
C2YHJE	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
C62TX8	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
CA86DZ	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
CACG8X	PowerPlex Fusion	1	-	-	-	-	-	11	-	-
CDGEZK	PowerPlex® Y 23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		

TABLE 3

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

CDJAFA	PowerPlex® Y	1	14	13,16	13	30	24	11	13	13
			15	13	11					
CM6F7L	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
CMWUKT	PowerPlex® Y 23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
CPCTUE	PowerPlex® Y	1	14	13,16	13	30	24	11	13	13
			15	13	11					2
CVF7Q8	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
CXJXQ8	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
D2XYFC	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
DBHEVY	PowerPlex® Y 23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
DC7Z6N	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
DP3KZR	PowerPlex Fusion	1					11			



TABLE 3

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

DURCEV	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
E34WWX	PowerPlex Fusion	1	-	-	-	-	-	11	-	-
			-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-
E6YTZ6	PowerPlex® Y	1	14	13,16	13	30	24	11	13	13
			15	13	11					
									2	
E7A4QC	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
EGYELV	PowerPlex Fusion	1	-	-	-	-	-	11	-	-
			-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-
EPTL62	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
EPXW4T	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
EUCCXR	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	-	-
			-	-	-	23	-	12	-	-
EUWJ4F	GlobalFiler Express	1						11		
									2	
EVZT6E	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		

TABLE 3

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

EX93XB	PowerPlex® Y 23	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17	22	12
		13	17	18	23	10	12		
EXRHBX	Yfiler®	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		
F8DWXZ	Yfiler®	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		
F8DYM6	1						11		
FD3ZPX	PowerPlex® Y 23	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17	22	12
		13	17	18	23	10	12		
FDKG47	PowerPlex® Y PPY 23	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17	22	12
		13	17	18	23	10	12	-	
FKJFBG	Yfiler®	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17	-	-
		-	-	-	23	-	12	-	
FU7GRQ	Yfiler®	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17	-	-
		-	-	-	23	-	12	-	
G47CJU	PowerPlex Fusion	-	-	-	-	-	11	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
G974QC	Yfiler®	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		

TABLE 3

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

GDJTGZ	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
GGWM6K	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
GJWKYE	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
GKDL6F	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
GMRDRA	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
GPMRYZ	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
GPT8Z9	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
GTX2FJ	GlobalFiler Express	1						11		
									2	
GU2G4V	PowerPlex® Y 23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
GVFQDV	PowerPlex Fusion	1	-	-	-	-	-	11	-	-
			-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
<b>Item 1 - YSTR Results</b>									
H3F46H	Yfiler®	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		
H4NQEB	in-house Y-STR kits	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17	22	12
		13	17	18	23	10	12		
HBMW6C	GlobalFiler Express						11		
								2	
HCFJT9	Yfiler®	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17	-	-
		-	-	-	23	-	12	-	-
HCMYUF	PowerPlex® Y 23	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17	22	12
		13	17	18	23	10	12		
HE6KJC	Yfiler®	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		
HE798G	Yfiler®	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		
HE8TRG	PowerPlex® Y Y23	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17	22	12
		13	17	18	23	10	12		
HMTKTU	PowerPlex® Y	14	13-16	13	30	24	11	13	13
		15	13	11	19	15	17	22	12
		13	17	18	23	10	12		
HRDQRB	Yfiler®	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		

TABLE 3

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

## Item 1 - YSTR Results

HRP9A2	PowerPlex® Y 23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
HWCZ7J	PowerPlex® Y 23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
HY2DVG	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
HYPQMR	PowerPlex Fusion	1	-	-	-	-	-	11	-	-
			-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-
J288FW	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
J8L6LD	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
J8YXX8	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
JCF29J	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
JCWK94	GlobalFiler	1						11		
									2	
JD7Y6B	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	NA	NA
			NA	NA	NA	23	NA	12	NA	

TABLE 3

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

JE4NPD	PowerPlex® Y 23	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17	22	12
		13	17	18	23	10	12		
JHCKUF	Yfiler®	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		
JHE6YW	Yfiler®	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		
JM6K9B	Yfiler®	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		
JPMEJC	Yfiler®	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		
JTNW2H	Yfiler®	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		
JURDPV	PowerPlex® Y 23	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17	22	12
		13	17	18	23	10	12		
K2GLXD	Yfiler®	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		
K6PMPP	Yfiler®	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		
K7JDRX	Yfiler®	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		

TABLE 3

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

KFXK3D	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
KHFT2D	PowerPlex® Y 23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
KHXQ9J		1						11		
KPN69C	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
KPTA99	PowerPlex® Y 23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
KPYHHV	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
KR7E6Q	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
KWU67R	PP Fusion Kit	1						11		
L4D8XA	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	NA	NA
			NA	NA	NA	23	NA	12	NA	
L7F792	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		

TABLE 3

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

## Item 1 - YSTR Results

L8J99D	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
LB9X84	PowerPlex® Y 23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
LBV24K	1							11		
LCQMVP	1							11		
LMECT4	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
LQA8FJ	1							11		
LRNVPB	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
LWCVZR	PowerPlex® Y 23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
LZACCL	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	-	-
			-	-	-	23	-	12	-	
M92UYD	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		



TABLE 3

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

## Item 1 - YSTR Results

M9LYM2	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	-	-
			-	-	-	23	-	12	-	
M9M7XL		1						11		
MALBP2	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
MBRRWK	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
MC6GXC	PowerPlex® Y 23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
MDT2GL		1						11		
MEURUW	PowerPlex® Y 23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
MF4CP7	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
MFQA2R	PowerPlex® Y 23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
MJ7JCA	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		

TABLE 3

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

MJHWNE	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
MK9AMY	PowerPlex® Y	1	14	13,16	13	30	24	11	13	13
			15	13	11					
MKCK6P	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
MV3P79	PowerPlex® Y 23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
MV4FGX	PowerPlex® Y	1	14	13,16	13	30	24	11	13	13
			15	13	11					
MX23T8	PowerPlex® Y 23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
N2XKDZ	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
N4KRN2	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
N9WCGN	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
NAP8ZP	PowerPlex® Y 23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		

TABLE 3

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

## Item 1 - YSTR Results

NEKY72	PowerPlex® Y 23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
NMFHLG	Fusion	1						11		
NP8A4E	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
NUKYGW	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
NZTDKE	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
P46PUZ	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
P6J8W7	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
PF2NPC	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
PJUG4U	PowerPlex® Y 23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
PLJB6A	Globalfiler express	1						11		

TABLE 3

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

PNFJL7	PowerPlex® Y 23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
PPJ339		1						11		
PZ8474	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
Q468BV	PowerPlex® Y	1	14	13,16	13	30	24	11	13	13
			15	13	11					
Q8XNF4	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	NA	NA
			NA	NA	NA	23	NA	12	NA	
Q9TUPN	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
QJE66U		1						11		
QR72TC	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	N/T	N/T
			N/T	N/T	N/T	23	N/T	12	N/T	
QT23WZ	GlobalFiler Express	1						11		
									2	
QU3KN6	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		

TABLE 3

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

R267CC	Yfiler®	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		
R2CJ7L	Yfiler®	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		
R2UFP9	PowerPlex® Y 23	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17	22	12
		13	17	18	23	10	12		
R386WQ	Yfiler®	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		
R3KQCU	Yfiler®	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		
R4H6TL	Yfiler®	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		
R6AA66	PowerPlex® Y 23	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17	22	12
		13	17	18	23	10	12		
R7VKT7	Yfiler®	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		
RBXQZ4	Yfiler®	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		
RD3KDF	Yfiler®	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		

TABLE 3

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

## Item 1 - YSTR Results

REFEE4	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	NA	NA
			NA	NA	NA	23	NA	12	NA	
RF7TME	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	N/A	N/A
			N/A	N/A	N/A	23	N/A	12	N/A	
RG4LK4	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
RHP2KT	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
RHTVND	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
RQT8RM	PowerPlex® Y Y23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
RTUNYK	PowerPlex Fusion	1	-	-	-	-	-	11	-	-
			-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-
RVGCJK	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
RVLE44	PowerPlex® Y 23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
T2MCC3	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	NA	NA
			NA	NA	NA	23	NA	12	NA	

TABLE 3

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

T3HHM8	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
T4EQC6	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
T8ZD6R	PowerPlex® Y	1	14	13,16	13	30	24	11	13	13
			15	13	11					
TNHG9K	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
TQ3TLG	1							11		
TRN2DY	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
TWRMQN	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
TWWNUF	1							11		
U4APR6	PowerPlex® Y 23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
UDD3R6	1							11		

TABLE 3

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

UFGBKG	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	Not tested	Not tested
			Not tested	Not tested	Not tested	23	Not tested	12	Not tested	
UFJELZ	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
UGYT92	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
UHK876	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	-	-
			-	-	-	23	-	12	-	
UJL8LQ	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
UKNTQW	PowerPlex® Y 23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
UN793A	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	-	-
			-	-	-	23	-	12	-	
UX2FCV	PowerPlex® Y 23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
UXEN3Q	PowerPlex® Y 23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
V2CNHD	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		



TABLE 3

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

## Item 1 - YSTR Results

V2UBJG	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
VC2K9Z	GlobalFiler Express	1						11		
									2	
VKPKHH	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
VKRJPR	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
VP3DGN	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
VRFU42	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
VRXKE8	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
VUGXJ3	PowerPlex® Y 23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
W7QFZ	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	NA	NA
			NA	NA	NA	23	NA	12	NA	
W897P	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		

TABLE 3

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

## Item 1 - YSTR Results

VZNCH2	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
W4JMQ7	Fusion	1						11		
W69T9G	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
WA7YHZ	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	-	-
			-	-	-	23	-	12	-	-
WGL7C4	PowerPlex® Y 23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
WHKNJU	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
WK6MNC	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	n/a	n/a
			n/a	n/a	n/a	23	n/a	12	n/a	
WME462	Globalfiler Express	1						11		
									2	
WNUCJV	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
WPXQBN	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	-	-
			-	-	-	23	-	12	-	-

TABLE 3

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

## Item 1 - YSTR Results

WQ8XEG	PowerPlex® Y 23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
WXWTXE	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
WZGED3	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
X3GEXC		1						11		
X6RLFR	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
X96CVV	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
XALYEF	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
XAZWKF	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
XC7LHH	PowerPlex® Y	1	14	13,16	13	30	24	11	13	13
			15	13	11					
XDVT2U	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		

TABLE 3

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

XFBXUQ	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	-	-
			-	-	-	23	-	12	-	
XFJH8R	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
XHUPP7	1							11		
XJ4DPQ	PowerPlex® Y 23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
XKQXDH	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
XMPE9X	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
XTCDPY	PowerPlex® Y PPY23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
XUD2C4	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
Y6644B	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
Y8XVAF	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel		
<b>Item 1 - YSTR Results</b>										
YAX3H7	PowerPlex® Y 23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
YB62DU	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
YCYFTD	1							11		
YD3RV2	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
YGVKVRK	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
YHRRYP	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		
YLWPY4	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	NA	NA
			NA	NA	NA	23	NA	12	NA	
YMYKRZ	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	>12	11	19	15	17	-	-
			-	-	-	23	-	12	-	
YTBUVCV	PowerPlex® Y 23	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17	22	12
			13	17	18	23	10	12		
YUDEJX	Yfiler®	1	14	13,16	13	30	24	11	13	13
			15	13	11	19	15	17		
						23		12		

TABLE 3

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

YUGTDB	Yfiler®	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		
YWQ86W	Yfiler®	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		
YYDJFG	Yfiler®	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		
YZ3QXR	PowerPlex® Y 23	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17	22	12
		13	17	18	23	10	12		
Z3JJ9T	Yfiler®	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		
Z4NQYT	Yfiler®	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		
Z9UNZK	Yfiler®	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		
ZDHHDK	PowerPlex® Y 23	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17	22	12
		13	17	18	23	10	12		
ZH9TCW	PowerPlex® Y 23	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17	22	12
		13	17	18	23	10	12		
ZHUBKC	Yfiler®	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		

TABLE 3

<b>WebCode</b>	<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>DYS437</b>	<b>DYS438</b>	<b>DYS439</b>	<b>DYS448</b>	<b>DYS456</b>	<b>DYS458</b>	<b>DYS481</b>	<b>DYS533</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>Item 1 - YSTR Results</b>									
ZJETFX	Yfiler®								
	1	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17	NA	NA
		NA	NA	NA	23	NA	12	NA	
ZLUG8V	Yfiler®								
	1	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		
ZM2TQR	Yfiler®								
	1	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		
ZN8W3A	PowerPlex Fusion								
	1	-	-	-	-	-	11	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
ZPPUMM	Yfiler®								
	1	14	13,16	13	30	24	11	13	13
		15	13	11	19	15	17		
					23		12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel		
<b>Item 2 - YSTR Results</b>										
22JXJ7	Yfiler®	14	15,15	12	28	26	11	11	13	
		15	11	11	19	15	18			
					23		11			
22JZAB	Yfiler®	14	15	12	28	26	11	11	13	
		15	11	11	19	15	18			
					23		11			
22ZA4W	PowerPlex® Y PowerPlex Y23	14	15	12	28	26	11	11	13	
		15	11	11	19	15	18	25	11	
		12	20	15	23	12	11			
2ANKE8	Yfiler®	14	15,15	12	28	26	11	11	13	
		15	11	11	19	15	18	n/a	n/a	
		n/a	n/a	n/a	23	n/a	11	n/a		
2CDL3M	Yfiler®	14	15	12	28	26	11	11	13	
		15	11	11	19	15	18			
					23		11			
2CGUQE	PowerPlex® Y 23	14	15	12	28	26	11	11	13	
		15	11	11	19	15	18	25	11	
		12	20	15	23	12	11			
2FUNDY	Yfiler®	14	15	12	28	26	11	11	13	
		15	11	11	19	15	18			
					23		11			
2GQCK2	PowerPlex® Y 23	14	15	12	28	26	11	11	13	
		15	11	11	19	15	18	25	11	
		12	20	15	23	12	11			
2HHW49	Yfiler®	14	15	12	28	26	11	11	13	
		15	11	11	19	15	18			
					23		11			
2JJ26G	Yfiler®	14	15	12	28	26	11	11	13	
		15	11	11	19	15	18			
					23		11			



TABLE 3

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

2MWXKQ	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
2QEPKF	GlobalFiler	2	-	-	-	-	-	11	-	-
			-	-	-	-	-	-	-	-
			-	-	-	-	-	-	2	
2RUAN4	PowerPlex® Y Y23	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		
2TWYJE	Yfiler® , PowerPlex® Y 23	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		
2VL62Q	PowerPlex® Y PPY23	2	14	15,15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		
32TCHZ	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
32U826	2						11			
34KLC2	Yfiler®	2	14	15,15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
37QYZU	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
37TKXV	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		

TABLE 3

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

## Item 2 - YSTR Results

37TMMZ	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	NA	NA
			NA	NA	NA	23	NA	11	NA	
3DCM8J	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
3LEPVH	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	-	-
			-	-	-	23	-	11	-	
3MHNPX	Yfiler®	2	14	15,15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
3MUVNE	Yfiler®	2	14	15,15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
3REAFZ	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
3UVA6A	Yfiler®	2	14	15,15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
3V6CVE	Yfiler®	2	14	15,15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
3WCA8N	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
3XEHUF	PowerPlex® Y 23	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		

TABLE 3

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

4AJ6WQ	Yfiler®	2	14	15,15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
4GPUZB	PowerPlex® Y 23	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		
4HXBQU	PowerPlex® Y 23	2	15	12	19	28	14	11	25	12
			11	11	15	20	23	26	11	11
			12	13	18	15	15	11		
4NJAG3	Yfiler®	2	14	15,15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
4P23QC	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
4TD2T6	PowerPlex® Y 23	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		
66JYU7	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
6BGTE8	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
6JFGJ4	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
6KJBPA	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		

TABLE 3

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

6PQTWP	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
6VZ38R	PowerPlex® Y 23	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		
6ZG96R	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
744NM7	PowerPlex Fusion	2						11		
76X9DB	Yfiler®	2	14	15,15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
79WZRX	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
7AJVLQ	Yfiler®	2	14	15,15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
7F2FFQ	PowerPlex® Y 23	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		
7KYU8L	Yfiler® , globalfiler	2	14	15,15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11	2	
7T9APU	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
<b>Item 2 - YSTR Results</b>									
7UVMVX	Yfiler® 2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18	-	-
		-	-	-	23	-	11	-	-
8KAU7M	Yfiler® 2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18	-	-
		-	-	-	23	-	11	-	-
8QHXHG	Yfiler® 2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18	-	-
		-	-	-	23	-	11	-	-
8UNVAH	Yfiler® 2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18	-	-
		-	-	-	23	-	11	-	-
8W4PNU	Yfiler® 2	14	15,15	12	28	26	11	11	13
		15	11	11	19	15	18	no profile	no profile
		no profile	no profile	no profile	23	no profile	11	no profile	no profile
		-	-	-	-	-	-	-	-
8WKEJN	Yfiler® 2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18	NA	NA
		NA	NA	NA	23	NA	11	NA	NA
8XHW66	Yfiler® 2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18	-	-
		-	-	-	23	-	11	-	-
8XUM22	2	-	-	-	-	-	11	-	-
		-	-	-	-	-	-	-	-
8ZRUPD	PowerPlex® Y 2	14	15,15	12	28	26	11	11	13
		15	11	11	-	-	-	-	-
		-	-	-	-	-	-	2	-
94TAU9	Yfiler® 2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18	-	-
		-	-	-	23	-	11	-	-

TABLE 3

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

## Item 2 - YSTR Results

9AGUZA	PowerPlex® Y 23	2	14	15-15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		
9CFA2R	GlobalFiler Express	2						11		
									2	
9CP389	Yfiler®	2	14	15,15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
9EWECP	PowerPlex® Y Y23	2	14	15,15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		
9GTW3C	PowerPlex® Y	2	14	15,15	12	28	26	11	11	13
			15	11	11					
9H24FJ	Yfiler®	2	14	15,15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
9HMRHT	Yfiler®	2	14	15,15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
9KWRLE	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
9MYRLC	PowerPlex® Y	2	14	15,15	12	28	26	11	11	13
			15	11	11					
									2	
9VBZY7	PowerPlex® Y 23	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		

TABLE 3

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

9VLFZF	Yfiler® 2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18	25	11
			20	15	23		11		
9W27BQ	PowerPlex® Y 23 2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18	25	11
		12	20	15	23	12	11		
9XTNBL	Yfiler® 2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
9Y4N8F	Yfiler® 2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18	NA	NA
		NA	NA	NA	23	NA	11	NA	
9ZQEUR	Yfiler® 2	14	15,15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
A2LVZT	2						11		
A3Z3LA	Yfiler® 2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
AG74BX	PowerPlex® Y 23 2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18	25	11
		12	20	15	23	12	11		
AH2QYN	Yfiler® 2	14	15,15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
ATR6LR	Yfiler® 2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		

TABLE 3

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

## Item 2 - YSTR Results

AV3JBR	PowerPlex® Y 23	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		
AZY63U	PowerPlex® Y 23	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		
B2A4YP	Globalfiler Express	2						11		
									2	
B6U3LK	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
B8YVCC	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
BADZJ2		2						11		
									2	
BAGHL7	Yfiler®	2	14	15,15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
BGNJ9Z	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
BHTQ2L	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
BNYQPB	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		



TABLE 3

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

## Item 2 - YSTR Results

BP9V4Y	2						11		
BT2J6T	Yfiler®								
	2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
BWH3PN	Yfiler®								
	2	14	15,15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
C2684J	Yfiler®								
	2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
C2YHJE	Yfiler®								
	2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
C62TX8	Yfiler®								
	2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
CA86DZ	Yfiler®								
	2	14	15,15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
CACG8X	PowerPlex Fusion								
	2	-	-	-	-	-	11	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
CDGEZK	PowerPlex® Y 23								
	2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18	25	11
		12	20	15	23	12	11		
CDJAFA	PowerPlex® Y								
	2	14	15,15	12	28	26	11	11	13
		15	11	11					

TABLE 3

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

CM6F7L	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
CMWUKT	PowerPlex® Y 23	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		
CPCTUE	PowerPlex® Y	2	14	15,15	12	28	26	11	11	13
			15	11	11					
									2	
CVF7Q8	Yfiler®	2	14	15,15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
CXJXQ8	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
D2XYFC	Yfiler®	2	14	15,15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
DBHEVY	PowerPlex® Y 23	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		
DC7Z6N	Yfiler®	2	14	15,15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
DP3KZR	PowerPlex Fusion	2						11		
DURCEV	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		

TABLE 3

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

E34WWX	PowerPlex Fusion	2	-	-	-	-	11	-	-	
			-	-	-	-	-	-	-	
			-	-	-	-	-	-	-	
E6YTZ6	PowerPlex® Y	2	14	15,15	12	28	26	11	11	13
			15	11	11					
									2	
E7A4QC	Yfiler®	2	14	15,15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
EGYELV	PowerPlex Fusion	2	-	-	-	-	11	-	-	
			-	-	-	-	-	-	-	
			-	-	-	-	-	-	-	
EPTL62	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
EPXW4T	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
EUCCXR	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	-	-
			-	-	-	23	-	11	-	-
EUWJ4F	GlobalFiler Express	2					11			
								2		
EVZT6E	Yfiler®	2	14	15,15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
EX93XB	PowerPlex® Y 23	2	14	15,15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		

TABLE 3

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

## Item 2 - YSTR Results

EXRHBX	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
F8DWXZ	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
F8DYM6	2							11		
FD3ZPX	PowerPlex® Y 23	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		
FDKG47	PowerPlex® Y Y23	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11	-	
FKJFBG	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	-	-
			-	-	-	23	-	11	-	
FU7GRQ	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	-	-
			-	-	-	23	-	11	-	
G47CJU	PowerPlex Fusion	2	-	-	-	-	-	11	-	-
			-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-
G974QC	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
GDJTGZ	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
<b>Item 2 - YSTR Results</b>									
GGWM6K	Yfiler® 2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
GJWKYE	Yfiler® 2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
GKDL6F	Yfiler® 2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
GMRDRA	Yfiler® 2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
GPMRYZ	Yfiler® 2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
GPT8Z9	Yfiler® 2	14	15,15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
GTX2FJ	GlobalFiler Express 2						11		
								2	
GU2G4V	PowerPlex® Y 23 2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18	25	11
		12	20	15	23	12	11		
GVFQDV	PowerPlex Fusion 2	-	-	-	-	-	11	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
H3F46H	Yfiler® 2	14	15,15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		

TABLE 3

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

H4NQEB	in-house Y-STR kits	2	14	15,15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		
HBMW6C	GlobalFiler Express	2						11		
									2	
HCFJT9	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	-	-
			-	-	-	23	-	11	-	-
HCMYUF	PowerPlex® Y 23	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		
HE6KJC	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
HE798G	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
HE8TRG	PowerPlex® Y Y23	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		
HMTKTU		2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		
HRDQRB	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
HRP9A2	PowerPlex® Y 23	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel		
<b>Item 2 - YSTR Results</b>										
HWCZ7J	PowerPlex® Y 23	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		
HY2DVG	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
HYPQMR	PowerPlex Fusion	2	-	-	-	-	-	11	-	-
			-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-
J288FW	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
J8L6LD	Yfiler®	2	14	15,15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
J8YXX8	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
JCF29J	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
JCWK94	GlobalFiler	2						11		
									2	
JD7Y6B	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	NA	NA
			NA	NA	NA	23	NA	11	NA	
JE4NPD	PowerPlex® Y 23	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		

TABLE 3

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

JHCKUF	Yfiler®	14	15,15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
JHE6YW	Yfiler®	14	15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
JM6K9B	Yfiler®	14	15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
JPMEJC	Yfiler®	14	15,15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
JTNW2H	Yfiler®	14	15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
JURDPV	PowerPlex® Y 23	14	15	12	28	26	11	11	13
		15	11	11	19	15	18	25	11
		12	20	15	23	12	11		
K2GLXD	Yfiler®	14	15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
K6PMPP	Yfiler®	14	15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
K7JDRX	Yfiler®	14	15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
KFXK3D	Yfiler®	14	15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		



TABLE 3

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

## Item 2 - YSTR Results

KHFT2D	PowerPlex® Y 23	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		
KHXQ9J	2							11		
KPN69C	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
KPTA99	PowerPlex® Y 23	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		
KPYHHV	Yfiler®	2	14	15,15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
KR7E6Q	Yfiler®	2	14	15,15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
KWU67R	PP Fusion Kit	2						11		
L4D8XA	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	NA	NA
			NA	NA	NA	23	NA	11	NA	
L7F792	Yfiler®	2	14	15,15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
L8J99D	Yfiler®	2	14	15,15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		

TABLE 3

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

## Item 2 - YSTR Results

LB9X84	PowerPlex® Y 23	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		
LBV24K		2						11		
LCQMVP		2						11		
LMECT4	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
LQA8FJ		2						11		
LRNVPB	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
LWCVZR	PowerPlex® Y 23	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		
LZACCL	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	-	-
			-	-	-	23	-	11	-	
M92UYD	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
M9LYM2	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	-	-
			-	-	-	23	-	11	-	

TABLE 3

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

## Item 2 - YSTR Results

M9M7XL	2						11		
MALBP2	Yfiler®								
	2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
MBRRWK	Yfiler®								
	2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
MC6GXC	PowerPlex® Y 23								
	2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18	25	11
		12	20	15	23	12	11		
MDT2GL	2						11		
MEURUW	PowerPlex® Y 23								
	2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18	25	11
		12	20	15	23	12	11		
MF4CP7	Yfiler®								
	2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
MFQA2R	PowerPlex® Y 23								
	2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18	25	11
		12	20	15	23	12	11		
MJ7JCA	Yfiler®								
	2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
MJHWNE	Yfiler®								
	2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		

TABLE 3

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

## Item 2 - YSTR Results

MK9AMY	PowerPlex® Y	2	14	15,15	12	28	26	11	11	13
			15	11	11					
MKCK6P	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
MV3P79	PowerPlex® Y 23	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		
MV4FGX	PowerPlex® Y	2	14	15,15	12	28	26	11	11	13
			15	11	11					
MX23T8	PowerPlex® Y 23	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		
N2XKDZ	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
N4KRN2	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
N9WCGN	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
NAP8ZP	PowerPlex® Y 23	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		
NEKY72	PowerPlex® Y 23	2	14	15,15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		

TABLE 3

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

## Item 2 - YSTR Results

NMFHLG	Fusion								
	2						11		
NP8A4E	Yfiler®								
	2	14	15,15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
NUKYGW	Yfiler®								
	2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
NZTDKE	Yfiler®								
	2	14	15,15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
P46PUZ	Yfiler®								
	2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
P6J8W7	Yfiler®								
	2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
PF2NPC	Yfiler®								
	2	14	15,15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
PJUG4U	PowerPlex® Y 23								
	2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18	25	11
		12	20	15	23	12	11		
PLJB6A	Globalfiler express								
	2						11		
								2	
PNFJL7	PowerPlex® Y 23								
	2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18	25	11
		12	20	15	23	12	11		

TABLE 3

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

Item 2 - YSTR Results

PPJ339	2						11		
PZ8474	Yfiler®								
	2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
Q468BV	PowerPlex® Y								
	2	14	15,15	12	28	26	11	11	13
		15	11	11					
Q8XNF4	Yfiler®								
	2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18	NA	NA
		NA	NA	NA	23	NA	11	NA	
Q9TUPN	Yfiler®								
	2	14	15,15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
QJE66U	2						11		
QR72TC	Yfiler®								
	2	14	15,15	12	28	26	11	11	13
		15	11	11	19	15	18	N/T	N/T
		N/T	N/T	N/T	23	N/T	11	N/T	
QT23WZ	GlobalFiler Express								
	2						11		
								2	
QU3KN6	Yfiler®								
	2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
R267CC	Yfiler®								
	2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel		
<b>Item 2 - YSTR Results</b>										
R2CJ7L	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
R2UFP9	PowerPlex® Y 23	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		
R386WQ	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
R3KQCU	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
R4H6TL	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
R6AA66	PowerPlex® Y 23	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		
R7VKT7	Yfiler®	2	14	15,15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
RBXQZ4	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
RD3KDF	Yfiler®	2	14	15,15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
REFEE4	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	NA	NA
			NA	NA	NA	23	NA	11	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	Y Indel	
<b>Item 2 - YSTR Results</b>									
RF7TME	Yfiler®	14	15,15	12	28	26	11	11	13
		15	11	11	19	15	18	N/A	N/A
		N/A	N/A	N/A	23	N/A	11	N/A	
RG4LK4	Yfiler®	14	15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
RHP2KT	Yfiler®	14	15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
RHTVND	Yfiler®	14	15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
RQT8RM	PowerPlex® Y Y23	14	15	12	28	26	11	11	13
		15	11	11	19	15	18	25	11
		12	20	15	23	12	11		
RTUNYK	PowerPlex Fusion	-	-	-	-	-	11	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
RVGCJK	Yfiler®	14	15,15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
RVLE44	PowerPlex® Y 23	14	15	12	28	26	11	11	13
		15	11	11	19	15	18	25	11
		12	20	15	23	12	11		
T2MCC3	Yfiler®	14	15	12	28	26	11	11	13
		15	11	11	19	15	18	NA	NA
		NA	NA	NA	23	NA	11	NA	
T3HHM8	Yfiler®	14	15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		



TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
<b>Item 2 - YSTR Results</b>									
T4EQC6	Yfiler®								
	2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
T8ZD6R	PowerPlex® Y								
	2	14	15,15	12	28	26	11	11	13
		15	11	11					
TNHG9K	Yfiler®								
	2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
TQ3TLG									
	2						11		
TRN2DY	Yfiler®								
	2	14	15,15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
TWRMQN	Yfiler®								
	2	14	15,15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
TWVNUF									
	2						11		
U4APR6	PowerPlex® Y 23								
	2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18	25	11
		12	20	15	23	12	11		
UDD3R6									
	2						11		
								2	
UFGBKG	Yfiler®								
	2	14	15,15	12	28	26	11	11	13
		15	11	11	19	15	18	Not tested	Not tested
		Not tested	Not tested	Not tested	23	Not tested	11	Not tested	

TABLE 3

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

UFJELZ	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
UGYT92	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
UHK876	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	-	-
			-	-	-	23	-	11	-	-
UJL8LQ	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
UKNTQW	PowerPlex® Y 23	2	14	15,15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		
UN793A	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	-	-
			-	-	-	23	-	11	-	-
UX2FCV	PowerPlex® Y 23	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		
UXEN3Q	PowerPlex® Y 23	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		
V2CNHD	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
V2UBJG	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		

TABLE 3

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

## Item 2 - YSTR Results

VC2K9Z	GlobalFiler Express								
	2						11		
								2	
VKPKHH	Yfiler®								
	2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
VKRJPR	Yfiler®								
	2	14	15,15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
VP3DGN	Yfiler®								
	2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
VRFU42	Yfiler®								
	2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
VRXKE8	Yfiler®								
	2	14	15,15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
VUGXJ3	PowerPlex® Y 23								
	2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18	25	11
		12	20	15	23	12	11		
W7QFZ	Yfiler®								
	2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18	NA	NA
		NA	NA	NA	23	NA	11	NA	
W897P	Yfiler®								
	2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
VZNCH2	Yfiler®								
	2	14	15,15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		

TABLE 3

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

## Item 2 - YSTR Results

W4JMQ7	Fusion 2							11	
W69T9G	Yfiler® 2	14 15	15 11	12 11	28 19 23	26 15	11 18 11	11	13
WA7YHZ	Yfiler® 2	14 15 -	15 11 -	12 11 -	28 19 23	26 15 -	11 18 11	11 -	13 -
WGL7C4	PowerPlex® Y 23 2	14 15 12	15 11 20	12 11 15	28 19 23	26 15 12	11 18 11	11 25	13 11
WHKNJU	Yfiler® 2	14 15	15,15 11	12 11	28 19 23	26 15	11 18 11	11	13
WK6MNC	Yfiler® 2	14 15 n/a	15 11 n/a	12 11 n/a	28 19 23	26 15 n/a	11 18 11	11 n/a n/a	13 n/a
WME462	Globalfiler Express 2						11		2
WNUCJV	Yfiler® 2	14 15	15 11	12 11	28 19 23	26 15	11 18 11	11	13
WPXQBN	Yfiler® 2	14 15 -	15 11 -	12 11 -	28 19 23	26 15 -	11 18 11	11 -	13 -
WQ8XEG	PowerPlex® Y 23 2	14 15 12	15 11 20	12 11 15	28 19 23	26 15 12	11 18 11	11 25	13 11

TABLE 3

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

## Item 2 - YSTR Results

WXWTXE	Yfiler®	2	14	15,15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
WZGED3	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
X3GEXC	2							11		
X6RLFR	Yfiler®	2	14	15,15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
X96CVW	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
XALYEF	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
XAZWKF	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
XC7LHH	PowerPlex® Y	2	14	15,15	12	28	26	11	11	13
			15	11	11					
XDVT2U	Yfiler®	2	14	15,15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
XFBXUQ	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	-	-
			-	-	-	23	-	11	-	

TABLE 3

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

XFJH8R	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
XHUPP7	2							11		
XJ4DPQ	PowerPlex® Y 23	2	14	15,15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		
XKQXDH	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
XMPE9X	Yfiler®	2	14	15,15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
XTCDPY	PowerPlex® Y PPY23	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		
XUD2C4	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
Y6644B	Yfiler®	2	14	15,15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
Y8XVAF	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
YAX3H7	PowerPlex® Y 23	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		

TABLE 3

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

## Item 2 - YSTR Results

YB62DU	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
YCYFTD	2							11		
YD3RV2	Yfiler®	2	14	15,15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
YGKVRK	Yfiler®	2	14	15,15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
YHRRYP	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
YLWPY4	Yfiler®	2	14	15,15	12	28	26	11	11	13
			15	11	11	19	15	18	NA	NA
			NA	NA	NA	23	NA	11	NA	
YMYKRZ	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	-	-
			-	-	-	23	-	11	-	
YTBUVCV	PowerPlex® Y 23	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		
YUDEJX	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
YUGTDB	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		

TABLE 3

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

YWQ86W	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
YYDJFG	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
YZ3QXR	PowerPlex® Y 23	2	14	15,15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		
Z3JJ9T	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
Z4NQYT	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
Z9UNZK	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
ZDHHDK	PowerPlex® Y 23	2	14	15,15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		
ZH9TCW	PowerPlex® Y 23	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	25	11
			12	20	15	23	12	11		
ZHUBKC	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18		
						23		11		
ZJETFX	Yfiler®	2	14	15	12	28	26	11	11	13
			15	11	11	19	15	18	NA	NA
			NA	NA	NA	23	NA	11	NA	



TABLE 3

<b>WebCode</b>	<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>DYS437</b>	<b>DYS438</b>	<b>DYS439</b>	<b>DYS448</b>	<b>DYS456</b>	<b>DYS458</b>	<b>DYS481</b>	<b>DYS533</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>Item 2 - YSTR Results</b>									
ZLUG8V	Yfiler®								
	2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
ZM2TQR	Yfiler®								
	2	14	15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		
ZN8W3A	PowerPlex Fusion								
	2	-	-	-	-	-	11	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
ZPPUMM	Yfiler®								
	2	14	15,15	12	28	26	11	11	13
		15	11	11	19	15	18		
					23		11		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel		
<b>Item 3 - YSTR Results</b>										
22JXJ7	Yfiler®	3	14	[13],15,[16]	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		[11],12		
22JZAB	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
22ZA4W	PowerPlex® Y PowerPlex Y23	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12		
2ANKE8	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	n/a	n/a
			n/a	n/a	n/a	23	n/a	11,12	n/a	
2CDL3M	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
2CGUQE	PowerPlex® Y 23	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12		
2FUNDY	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
2GQCK2	PowerPlex® Y 23	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12		
2HHW49	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
2JJ26G	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		

TABLE 3

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

Item 3 - YSTR Results

2MWXKQ	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
2QEPKF	GlobalFiler	3	-	-	-	-	-	11	-	-
			-	-	-	-	-	-	-	-
			-	-	-	-	-	-	2	
2RUAN4	PowerPlex® Y Y23	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12		
2TWYJE	Yfiler® , PowerPlex® Y 23	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12		
32TCHZ	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
32U826		3					11			
34KLC2	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
37TKXV	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
37TMMZ	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	NA	NA
			NA	NA	NA	23	NA	11,12	NA	
3DCM8J	Yfiler®	3	14	13,[15],16	[12],13	[28],30	24,[26]	11	[11],13	13
			15	[11],13	11	19	15	17,[18]		
						23		[11],12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel		
<b>Item 3 - YSTR Results</b>										
3LEPVH	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	-	-
			-	-	-	23	-	11,12	-	
3MHNPX	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
3MUVNE	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
3REAFZ	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
3UVA6A	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
3V6CVE	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
3WCA8N	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
3XEHUF	PowerPlex® Y 23	3	14	13,15,16	12,13	28,30	24,26	11	13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10	11,12		
4AJ6WQ	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
4GPUZB	PowerPlex® Y 23	3	14	13,15,16	12,13	28,30	24,25,26	11	11,12,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel		
<b>Item 3 - YSTR Results</b>										
4HXBQU	PowerPlex® Y 23	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12		
4NJAG3	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
4P23QC	Yfiler®	3	14	[13],15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
4TD2T6	PowerPlex® Y 23	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12		
66JYU7	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
6BGTE8	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
6JFGJ4	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
6KJBPA	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
6PQTWP	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
6VZ38R	PowerPlex® Y 23	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12		

TABLE 3

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

## Item 3 - YSTR Results

6ZG96R	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
744NM7	PowerPlex Fusion	3						11		
76X9DB	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
79WZRX	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
7AJVLQ	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
7F2FFQ	PowerPlex® Y 23	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12		
7KYU8L	Yfiler® , globalfiler	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12	2	
7T9APU	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
7UVMVX	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	-	-
			-	-	-	23	-	11,12	-	
8KAU7M	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
<b>Item 3 - YSTR Results</b>									
8QHXHRG	Yfiler® 3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18	-	-
		-	-	-	23	-	11,12	-	
8UNVAH	Yfiler® 3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18		
					23		11,12		
8W4PNU	Yfiler® 3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18	no profile	no profile
		no profile	no profile	no profile	23	no profile	11,12	no profile	
8XHW66	Yfiler® 3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18		
					23		11,12		
8XUM22	3						11		
8ZRUPD	PowerPlex® Y 3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11					
								2	
94TAU9	Yfiler® 3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18		
					23		11,12		
9AGUZA	PowerPlex® Y 23 3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18	22,25	11,12
		12,13	17,20	15,18	23	10,12	11,12		
9CFA2R	GlobalFiler 3						11		
								2	
9CP389	Yfiler® 3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18		
					23		11,12		

TABLE 3

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

9EWECP	PowerPlex® Y Y23	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12		
9GTW3C	PowerPlex® Y	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11					
9H24FJ	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
9HMRHT	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
9KWRLE	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
9MYRLC	PowerPlex® Y	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11					
									2	
9VBZY7	PowerPlex® Y 23	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12		
9VLFZF	Yfiler®	3	14	13,15,[16]	[12],13	[28],30	24,[26]	11	11,13	13
			15	[11],13	11	19	15	17,[18]	22,25	11,12
				17,[20]	[15],18	23		11,12		
9W27BQ	PowerPlex® Y 23	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12		
9XTNBL	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		



TABLE 3

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

9Y4N8F	Yfiler® 3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18	NA	NA
		NA	NA	NA	23	NA	11,12	NA	
9ZQEUR	Yfiler® 3	14	13,15,16	12,13	28,30	24,26	11	11,13[12^]	13
		15	11,13	11	19	15	17,18		
					23		11,12		
A2LVZT	3						11		
A3Z3LA	Yfiler® 3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18		
					23		11,12		
AG74BX	PowerPlex® Y 23 3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18	22,25	11,12
		12,13	17,20	15,18	23	10,12	11,12		
AH2QYN	Yfiler® 3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18		
					23		11,12		
ATR6LR	Yfiler® 3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18		
					23		11,12		
AV3JBR	PowerPlex® Y 23 3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18	22,25	11,12
		12,13	17,20	15,18	23	10,12	11,12		
AZY63U	PowerPlex® Y 23 3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18	22,25	11,12
		12,13	17,20	15,18	23	10,12	11,12		
B2A4YP	Globalfiler 3						11		

TABLE 3

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

## Item 3 - YSTR Results

B6U3LK	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
B8YVCC	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
BADZJ2	3							11		
										2
BAGHL7	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
BGNJ9Z	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
BHTQ2L	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
BNYQPB	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
BP9V4Y	3							11		
BT2J6T	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
BWH3PN	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		

TABLE 3

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

C2684J	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
C2YHJE	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
CA86DZ	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
CDGEZK	PowerPlex® Y 23	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12		
CDJAFA	PowerPlex® Y	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11					
CM6F7L	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
CMWUKT	PowerPlex® Y 23	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12		
CPCTUE	PowerPlex® Y	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11					
									2	
CVF7Q8	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
CXJXQ8	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
<b>Item 3 - YSTR Results</b>									
D2XYFC	Yfiler®								
	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18		
					23		11,12		
DBHEVY	PowerPlex® Y 23								
	3	15,18	12,13	19	28,30	14	11	22,25	12,13
		11,12	11,13	15	17,20	23	24,26	11	11,13
		10,12	13	17,18	13,15,16	15	11,12		
DC7Z6N	Yfiler®								
	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18		
					23		11,12		
DP3KZR	PowerPlex Fusion								
	3						11		
DURCEV	Yfiler®								
	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18		
					23		11,12		
E6YTZ6	PowerPlex® Y								
	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11					
								2	
E7A4QC	Yfiler®								
	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18		
					23		11,12		
EPTL62	Yfiler®								
	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18		
					23		11,12		
EPXW4T	Yfiler®								
	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18		
					23		11,12		
EUCCXR	Yfiler®								
	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18	-	-
		-	-	-	23	-	11,12	-	

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel		
<b>Item 3 - YSTR Results</b>										
EXRHBX	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
F8DWXZ	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
F8DYM6	3							11		
FD3ZPX	PowerPlex® Y 23	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12		
FDKG47	PowerPlex® Y 23	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12	-	
FKJFBG	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	-	-
			-	-	-	23	-	11,12	-	
FU7GRQ	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	-	-
			-	-	-	23	-	11,12	-	
G974QC	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
GDJTGZ	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
GGWM6K	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
<b>Item 3 - YSTR Results</b>									
GJWKYE	Yfiler® 3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18		
					23		11,12		
GKDL6F	Yfiler® 3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18		
					23		11,12		
GMRDRA	Yfiler® 3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18		
					23		11,12		
GPMRYZ	Yfiler® 3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18		
					23		11,12		
GPT8Z9	Yfiler® 3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18		
					23		11,12		
GTX2FJ	GlobalFiler 3						11		
								2	
GU2G4V	PowerPlex® Y 23 3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18	22,25	11,12
		12,13	17,20	15,18	23	10,12	11,12		
H3F46H	Yfiler® 3	14	13,15,16	12,13	28,[29 <sup>^</sup> ], 30	[23 <sup>^</sup> ],24,[2 5 <sup>^</sup> ],26	11	11,13	13
		15	11,13	11	19	15	17,18		
					23		11,12		
H4NQEB	in house Y-STR kits 3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18	22,25	11,12
		12,13	17,20	15,18	23	10,12	11,12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel		
<b>Item 3 - YSTR Results</b>										
HCFJT9	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	-	-
			-	-	-	23	-	11,12	-	
HCMYUF	PowerPlex® Y 23	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12		
HE6KJC	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
HE798G	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
HE8TRG	PowerPlex® Y Y23	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12		
HMTKTU	PowerPlex® Y	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12		
HRDQRB	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
HRP9A2	PowerPlex® Y 23	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,*	11,12		
HWCZ7J	PowerPlex® Y 23	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12		
HY2DVG	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		

TABLE 3

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

J288FW	Yfiler®								
	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18		
					23		11,12		
J8L6LD	Yfiler®								
	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18		
					23		11,12		
J8YXX8	Yfiler®								
	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18		
					23		11,12		
JCF29J	Yfiler®								
	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18		
					23		11,12		
JCWK94	GlobalFiler								
	3						11		
								2	
JE4NPD	PowerPlex® Y 23								
	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18	22,25	11,12
		12,13	17,20	15,18	23	10,12	11,12		
JHCKUF	Yfiler®								
	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18		
					23		11,12		
JHE6YW	Yfiler®								
	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18		
					23		11,12		
JM6K9B	Yfiler®								
	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18		
					23		11,12		
JPMEJC	Yfiler®								
	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18		
					23		11,12		



TABLE 3

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

JTNW2H	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
JURDPV	PowerPlex® Y 23	3	14	13,15,[16]	12,13	28,30	24,[26]	11	11,13	13
			15	11,13	11	19	15	17,[18]	22,25	[11],12
			12,13	17,20	15,18	23	10,[12]	11,12		
K2GLXD	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
K6PMPP	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
K7JDRX	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
KFXK3D	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
KHFT2D	PowerPlex® Y 23	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12		
KHXQ9J		3						11		
KPN69C	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
KPTA99	PowerPlex® Y 23	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12		

TABLE 3

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

KPYHHV	Yfiler® 3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18		
					23		11,12		
KR7E6Q	Yfiler® 3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18		
					23		11,12		
KWU67R	PP Fusion Kit 3						11		
L7F792	PowerPlex® Y 23 3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18	22,25	11,12
		12,13	17,20	15,18	23	10,12	11,12		
L8J99D	Yfiler® 3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18		
					23		11,12		
LB9X84	PowerPlex® Y 23 3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18	22,25	11,12
		12,13	17,20	15,18	23	10,12	11,12		
LBV24K	3						11		
LCQMVP	3						11		
LMECT4	Yfiler® 3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18		
					23		11,12		
LQA8FJ	3						11		

TABLE 3

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

## Item 3 - YSTR Results

LRNVPB	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
LWCVZR	PowerPlex® Y 23	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12		
LZACCL	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	-	-
			-	-	-	23	-	11,12	-	-
M92UYD	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
M9LYM2	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	-	-
			-	-	-	23	-	11,12	-	-
M9M7XL	3							11		
MALBP2	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
MBRRWK	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
MC6GXC	PowerPlex® Y 23	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12		
MDT2GL	3							11		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel		
<b>Item 3 - YSTR Results</b>										
MEURUW	PowerPlex® Y 23	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12		
MF4CP7	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
MFQA2R	PowerPlex® Y 23	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12		
MJ7JCA	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
MJHWNE	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
MK9AMY	PowerPlex® Y	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11					
MKCK6P	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
MV3P79	PowerPlex® Y 23	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12		
MV4FGX	PowerPlex® Y	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11					
MX23T8	PowerPlex® Y 23	3	14	13,15,[16]	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,[18]	22,25	11,12
			12,13	17,20	15,18	23	10,[12]	11,12		

TABLE 3

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

N2XKDZ	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
N4KRN2	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
N9WCGN	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
NAP8ZP	PowerPlex® Y 23	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12		
NP8A4E	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
NUKYGW	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
NZTDKE	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
P46PUZ	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
P6J8W7	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
PF2NPC	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		

TABLE 3

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

## Item 3 - YSTR Results

PJUG4U	PowerPlex® Y 23	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12		
PLJB6A	Globalfiler	3						11		
										2
PNFJL7	PowerPlex® Y 23	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12		
PPJ339		3						11		
PZ8474	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
Q468BV	PowerPlex® Y	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
				15	11,13	11				
Q9TUPN	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
QJE66U		3						11		
QR72TC	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	N/T	N/T
			N/T	N/T	N/T	23	N/T	11,12	N/T	
QT23WZ	GlobalFiler	3						11		
										2

TABLE 3

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

QU3KN6	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
R267CC	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
R2CJ7L	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
R2UFP9	PowerPlex® Y 23	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12		
R386WQ	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
R3KQCU	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
R4H6TL	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
R6AA66	PowerPlex® Y	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12		
R7VKT7	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
RBXQZ4	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel		
<b>Item 3 - YSTR Results</b>										
RD3KDF	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
RF7TME	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	N/A	N/A
			N/A	N/A	N/A	23	N/A	11,12	N/A	
RG4LK4	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
RHP2KT	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
RHTVND	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
RQT8RM	PowerPlex® Y Y23	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12		
RVGCJK	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
RVLE44	PowerPlex® Y 23	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12		
T3HHM8	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
T4EQC6	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		



TABLE 3

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

T8ZD6R	PowerPlex® Y	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11					
TNHG9K	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
					23		11,12			
TQ3TLG		3						11		
TRN2DY	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
					23		11,12			
TWRMQN	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
					23		11,12			
U4APR6	PowerPlex® Y 23	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12		
UDD3R6		3						11		
									2	
UFGBKG	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	Not tested	Not tested
			Not tested	Not tested	Not tested	23	Not tested	11,12	Not tested	
UFJELZ	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
					23		11,12			
UGYT92	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
					23		11,12			

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel		
<b>Item 3 - YSTR Results</b>										
UHK876	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	-	-
			-	-	-	23	-	11,12	-	
UJL8LQ	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
UN793A	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	-	-
			-	-	-	23	-	11,12	-	
UX2FCV	PowerPlex® Y 23	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12		
UXEN3Q	PowerPlex® Y 23	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12		
V2CNHD	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
V2UBJG	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
VKPKHH	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
VKRJPR	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
VP3DGN	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		

TABLE 3

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

VRFU42	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
VRXKE8	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
VUGXJ3	PowerPlex® Y 23	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12		
W7QFZ	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	NA	NA
			NA	NA	NA	23	NA	11,12	NA	
W897P	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
VZNCH2	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
W4JMQ7	Fusion	3						11		
W69T9G	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
WA7YHZ	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	-	-
			-	-	-	23	-	11,12	-	
WGL7C4	PowerPlex® Y 23	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12		

TABLE 3

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

WHKNJU	Yfiler® 3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18		
					23		11,12		
WK6MNC	Yfiler® 3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18	n/a	n/a
		n/a	n/a	n/a	23	n/a	11,12	n/a	
WME462	Globalfiler 3						11		
								2	
WNUCJV	Yfiler® 3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18		
					23		11,12		
WPXQBN	Yfiler® 3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18	-	-
		-	-	-	23	-	11,12	-	
WQ8XEG	PowerPlex® Y 23 3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18	22,25	11,12
		12,13	17,20	15,18	23	10,12	11,12		
WXWTXE	Yfiler® 3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18		
					23		11,12		
WZGED3	Yfiler® 3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18		
					23		11,12		
X3GEXC	3						11		
X6RLFR	Yfiler® 3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18		
					23		11,12		

TABLE 3

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

X96CVV	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
XALYEF	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
XAZWKF	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
XC7LHH	PowerPlex® Y	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11					
XFBXUQ	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	-	-
			-	-	-	23	-	11,12	-	-
XFJH8R		3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
XHUPP7		3						11		
XJ4DPQ	PowerPlex® Y 23	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12		
XKQXDH	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
XMPE9X	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		

TABLE 3

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

XTCDPY	PowerPlex® Y PPY23	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12		
XUD2C4	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
Y6644B	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
Y8XVAF	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
YAX3H7	PowerPlex® Y 23	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12		
YB62DU	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
YCYFTD		3					11			
YD3RV2	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
YGKVRK	Yfiler®	3	14	13,15,16	12,13	28,29,30	24,26	11	11,13	13
			15	11,13	11	19	15	16,17,18		
						23		11,12		
YHRRYP	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel		
<b>Item 3 - YSTR Results</b>										
YLWPY4	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	NA	NA
			NA	NA	NA	23	NA	11,12	NA	
YTBU CV	PowerPlex® Y 23	3	14	[13],15,[16]	[12],13	[28],30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			[12],13	17,[20]	15,18	23	10,12	11,12		
YUDEJX	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
YUGTDB	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
YWQ86W	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
YYDJFG	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
Z3JJ9T	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
Z4NQYT	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
Z9UNZK	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
ZDHHDK	PowerPlex® Y 23	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18	22,25	11,12
			12,13	17,20	15,18	23	10,12	11,12		

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel		
<b>Item 3 - YSTR Results</b>										
ZH9TCW	PowerPlex® Y 23	3	[15],18	12,13	19	28,30	14	11	22,25	12,13
			11,12	11,13	15	17,[20]	23	24,26	11	11,13
			10,12	13	17,18	[13],15,16	15	11,12		
ZHUBKC	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
ZLUG8V	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
ZM2TQR	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		
ZPPUMM	Yfiler®	3	14	13,15,16	12,13	28,30	24,26	11	11,13	13
			15	11,13	11	19	15	17,18		
						23		11,12		



TABLE 3

<b>WebCode</b>	<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>DYS437</b>	<b>DYS438</b>	<b>DYS439</b>	<b>DYS448</b>	<b>DYS456</b>	<b>DYS458</b>	<b>DYS481</b>	<b>DYS533</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>Item 3e - YSTR Results</b>									
C62TX8	Yfiler®								
	3e	14	13,15,16	12,13	28,30	24,26	11	11,13	13
		15	11,13	11	19	15	17,18		
					23		11,12		

TABLE 3

<b>WebCode</b>	<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>DYS437</b>	<b>DYS438</b>	<b>DYS439</b>	<b>DYS448</b>	<b>DYS456</b>	<b>DYS458</b>	<b>DYS481</b>	<b>DYS533</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>Item 3sp - YSTR Results</b>									
C62TX8	Yfiler®								
	3sp	NT	NT	NT	NT	NT	NT	NT	NT
		NT	NT	NT	NT	NT	NT		
					NT		NT		

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
<b>Item 4 - YSTR Results</b>									
22JZAB	Yfiler® 4								
22ZA4W	PowerPlex® Y PowerPlex Y23 4	No Results No Results No Results	No Results No Results No Results	No Results No Results No Results	No Results No Results No Results	No Results No Results No Results	No Results No Results No Results	No Results No Results No Results	No Results No Results No Results
2ANKE8	Yfiler® 4	NR NR n/a	NR NR n/a	NR NR n/a	NR NR NR	NR NR n/a	NR NR NR	NR n/a n/a	NR n/a n/a
2CDL3M	Yfiler® 4	NR NR	NR NR	NR NR	NR NR NR	NR NR	NR NR NR	NR	NR
2CGUQE	PowerPlex® Y 23 4	NR NR NR	NR NR NR	NR NR NR	NR NR NR	NR NR NR	NR NR NR	NR NR	NR NR
2HHW49	Yfiler® 4								
2QEPKF	GlobalFiler 4	- - -	- - -	- - -	- - -	- - -	No Result - -	- - No Result	- - -
3LEPVH	Yfiler® 4	NR NR -	NR NR -	NR NR -	NR NR NR	NR NR -	NR NR NR	NR - -	NR - -
3MUVNE	Yfiler® 4	- -	- -	- -	- -	- -	- -	- -	- -
3REAFZ	Yfiler® 4	NR NR	NR NR	NR NR	NR NR NR	NR NR	NR NR NR	NR	NR

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
<b>Item 4 - YSTR Results</b>									
3V6CVE	Yfiler®								
	4	-	-	-	-	-	-	-	-
3WCA8N	Yfiler®								
	4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR		NR	NR	NR	NR	
3XEHUF	PowerPlex® Y 23								
	4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
4AJ6WQ	Yfiler®								
	4	NR	NR,NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	
4TD2T6	PowerPlex® Y 23								
	4								
6ZG96R	Yfiler®								
	4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	
7F2FFQ	PowerPlex® Y 23								
	4								
8QHXHR	Yfiler®								
	4	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
8W4PNU	Yfiler®								
	4	no profile	no profile	no profile	no profile	no profile	no profile	no profile	no profile
		no profile	no profile	no profile	no profile	no profile	no profile	no profile	no profile
9AGUZA	PowerPlex® Y 23								
	4								

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
<b>Item 4 - YSTR Results</b>									
9CFA2R	GlobalFiler 4								
9CP389	Yfiler® 4	-	-	-	-	-	-	-	-
9H24FJ	Yfiler® 4	NR NR	NR, NR NR	NR NR	NR NR NR	NR NR	NR NR NR	NR	NR
9Y4N8F	Yfiler® 4	NA NA NA	NA NA NA	NA NA NA	NA NA NA	NA NA NA	NA NA NA	NA NA NA	NA NA
A3Z3LA	Yfiler® 4	ND ND	ND ND	ND ND	ND ND ND	ND ND	ND ND ND	ND	ND
B2A4YP	Globalfiler 4								
BAGHL7	Yfiler® 4	-	-	-	-	-	-	-	-
BT2J6T	Yfiler® 4	NR NR	NR NR	NR NR	NR NR NR	NR NR	NR NR NR	NR	NR
CMWUKT	PowerPlex® Y 23 4								
CVF7Q8	Yfiler® 4	-	-	-	-	-	-	-	-

TABLE 3

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel		
<b>Item 4 - YSTR Results</b>										
CXJXQ8	Yfiler®									
	4									
D2XYFC	Yfiler®									
	4	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-
DURCEV	Yfiler®									
	4									
E7A4QC	Yfiler®									
	4	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-
EXRHBX	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	no result	no result	no result	no result
					no result		no result			
FKJFBG	Yfiler®									
	4	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-
GJWKYE	Yfiler®									
	4	NR	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR			
					NR		NR			
GKDL6F	Yfiler®									
	4	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-
GPT8Z9	Yfiler®									
	4	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-
GTX2FJ	GlobalFiler									
	4									

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
<b>Item 4 - YSTR Results</b>									
HCFJT9	Yfiler® 4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	-	-
		-	-	-	NR	-	NR	-	-
HMTKTU	PowerPlex® Y 4								
J8YXX8	Yfiler® 4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR		
					NR		NR		
JCWK94	GlobalFiler 4								
JM6K9B	Yfiler® 4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR		
					NR		NR		
JPMEJC	Yfiler® 4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR		
					NR		NR		
JURDPV	PowerPlex® Y 23 4								
K7JDRX	Yfiler® 4	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
KPYHHV	Yfiler® 4	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-

TABLE 3

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

LWCVZR	PowerPlex® Y 23								
	4	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected
		Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected
		Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected
M9LYM2	Yfiler®								
	4	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
MX23T8	PowerPlex® Y 23								
	4	NT	NT	NT	NT	26	NT	NT	NT
		NT	NT	NT	NT	NT	18	NT	NT
		NT	NT	NT	NT	NT	NT		
N2XKDZ	Yfiler®								
	4	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
N4KRN2	Yfiler®								
	4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR		
					NR		NR		
N9WCGN	Yfiler®								
	4								
NAP8ZP	PowerPlex® Y 23								
	4	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
NUKYGW	Yfiler®								
	4	ND	ND	ND	ND	ND	ND	ND	ND
		ND	ND	ND	ND	ND	ND		
					ND		ND		
P6J8W7	Yfiler®								
	4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR		
					NR		NR		



TABLE 3

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

PF2NPC	Yfiler® 4								
R7VKT7	Yfiler® 4	No Results No Results	No Results No Results	No Results No Results	No Results No Results No Results	No Results No Results	No Results No Results No Results	No Results	No Results
RF7TME	Yfiler® 4	NR NR NR	NR NR NR	NR NR NR	NR NR NR	NR NR NR	NR NR NR	NR NR NR	NR NR
RQT8RM	PowerPlex® Y 4	NR NR NR	NR NR NR	NR NR NR	NR NR NR	NR NR NR	NR NR NR	NR NR	NR NR
T3HHM8	Yfiler® 4	NR NR	NR NR	NR NR NR	NR NR NR	NR NR	NR NR	NR	NR
TNHG9K	Yfiler® 4	ND ND	ND ND	ND ND	ND ND ND	ND ND	ND ND ND	ND	ND
TWRMQN	Yfiler® 4	- -	- -	- -	- - -	- -	- - -	-	-
UFGBKG	Yfiler® 4	No results No results Not tested	No results No results Not tested	No results No results Not tested	No results No results No results	No results No results Not tested	No results No results No results	No results Not tested Not tested	No results Not tested
UJL8LQ	Yfiler® 4	NR NR	NR NR	NR NR	NR NR NR	NR NR	NR NR NR	NR	NR
UXEN3Q	PowerPlex® Y 23 4								

TABLE 3

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

## Item 4 - YSTR Results

VKRJPR	Yfiler®								
	4	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
VP3DGN	Yfiler®								
	4	NR	NR	NR	NR	NR	NR	NR	13
		NR	NR	NR	NR	15	NR		
					NR		NR		
VRXKE8	Yfiler®								
	4								
W69T9G	Yfiler®								
	4	ND	ND	ND	ND	ND	ND	ND	ND
		ND	ND	ND	ND	ND	ND		
					ND		ND		
WHKNJU	Yfiler®								
	4	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
WME462	Globalfiler								
	4								
WQ8XEG	PowerPlex® Y 23								
	4	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
X3GEXC									
	4						no result		
X6RLFR	Yfiler®								
	4	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
XFBXUQ	Yfiler®								
	4	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-

TABLE 3

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
<b>Item 4 - YSTR Results</b>									
XKQXDH	Yfiler®								
	4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	
<hr/>									
XUD2C4	Yfiler®								
	4								
<hr/>									
Y8XVAF	Yfiler®								
	4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	
<hr/>									
YAX3H7	PowerPlex® Y 23								
	4								
<hr/>									
ZPPUMM	Yfiler®								
	4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	
<hr/>									

# Additional DNA Results

TABLE 4

Locus	WebCode	Item 1	Item 2	Item 3	Item 4
D6S1043	8QBVMG	11,15	13,15	11,13,15	11,12
	B8GLMH	11,15	13,15	11,13,15	11,12
	HMTKTU	11,15	13,15	11,13,15	11,12
	PZ8474	11,15	13,15	11,13,15	11,12
	TRN2DY	11,15	13,15	11,13,15	11,12
	WNUCJV	11,15	13,15	11,13,15	11,12
	YJDQMU	11,15	13,15	11,13,15	11,12
DYS391	8ZRUPD	11	11	11	
	9MYRLC	11	11	11	
DYS391 (FUSION KIT)	6VZ38R	11	11		
DYS449	H4NQEB	28	31	28,31	
DYS460	H4NQEB	11	10	10,11	
F13A01	HMTKTU	5,6	3,2,14	3,2,5,6,14	6,7
F13B	HMTKTU	9,10	7,8	7,8,9,10	10
FESFPS	HMTKTU	10,11	10,12	10,11,12	10,12
LPL	HMTKTU	10,11	12	10,11,12	10,13
Penta C	HMTKTU	10,12	7,11	7,10,11,12	9,11

# Mitochondrial DNA - HVRI Results

TABLE 5a - ITEM 1

Polymorphisms from Anderson Reference

	16223.0	16274.0	16278.0	16286.0	16294.0	16309.0	16390.0	16494.0	16519.0
<b>ITEM 1</b>									
2ANKE8	T	A	T	T	T	G	A		
2TWYJE	T	A	T	T	T	G	A		C
4J6Y4T	T	A	T	T	T	G	A		C
4VWVYP	T	A	T	T	T	G	A		C
8JXZQM	T	A	T	T	T	G	A	N	
8WKEJN	T	A	T	T	T	G	A		
9AGUZA	T	A	T	T	T	G			
AFLXNM	T	A	T	T	T	G	A		C
ATR6LR	T	A	T	T	T	G	A		
CXJXQ8	T	A	T	T	T	G	A		
EBW868	T	A	T	T	T	G	A		
FRXFQD	T	A	T	T	T	G	A		
H9LC7D	T	A	T	T	T	G	A		C
HE6KJC	T	A	T	T	T	G	A		
JD7Y6B	T	A	T	T	T	G	A		
JPMEJC	T	A	T	T	T	G	A		C
K7JDRX	T	A	T	T	T	G	A		
L4D8XA	T	A	T	T	T	G	A		
MF4CP7	T	A	T	T	T	G	A		C
MJHWNE	T	A	T	T	T	G	A		
PXPYR8	T	A	T	T	T	G	A		C
Q8XNF4	T	A	T	T	T	G	A		
QN44K6	T	A	T	T	T	G	A		C
REFEE4	T	A	T	T	T	G	A		
RF7TME	T	A	T	T	T	G	A		
RPX9E4	T	A	T	T	T	G	A		
T2MCC3	T	A	T	T	T	G	A		
T4EQC6	T	A	T	T	T	G	A		
TRN2DY	T	A	T	T	T	G			
UFZXGD	T	A	T	T	T	G	A		
UGYT92	T	A	T	T	T	G	A		
UKPQ2R	T	A	T	T	T	G	A		
UQUMLR	T	A	T	T	T	G	A		
ZJETFX	T	A	T	T	T	G	A		

# Mitochondrial DNA - HVRI Results

TABLE 5b - ITEM 2

Polymorphisms from Anderson Reference

	16124.0	16223.0	16278.0	16362.0	16494.0	16519.0
<b>ITEM 2</b>						
2ANKE8	C	T	T	C		
2TWYJE	C	T	T	C		C
4J6Y4T	C	T	T	C		C
4WWWYP	C	T	T	C		C
8JXZQM	C	T	T	C	N	
8WKEJN	C	T	T	C		
9AGUZA	C	T	T	C		
AFLXNM	C	T	T	C		C
ATR6LR	C	T	T	C		
CXJXQ8	C	T	T	C		
EBW868	C	T	T	C		
FRXFQD	C	T	T	C		
H9LC7D	C	T	T	C		C
HE6KJC	C	T	T	C		
JD7Y6B	C	T	T	C		
JPMEJC	C	T	T	C		C
K7JDRX	C	T	T	C		
L4D8XA	C	T	T	C		
MF4CP7	C	T	T	C		C
MJHWNE	C	T	T	C		
PXPYR8	C	T	T	C		C
Q8XNF4	C	T	T	C		
QN44K6	C	T	T	C		C
REFEE4	C	T	T	C		
RF7TME	C	T	T	C		
RPX9E4	C	T	T	C		
T2MCC3	C	T	T	C		
T4EQC6	C	T	T	C		
TRN2DY	C	T	T	C		
UFZXGD	C	T	T	C		
UGYT92	C	T	T	C		
UKPQ2R	C	T	T	C		
UQUMLR	C	T	T	C		
ZJETFX	C	T	T	C		

# Mitochondrial DNA - HVRI Results

TABLE 5c - ITEM 3

Polymorphisms from Anderson Reference

	16124.0	16223.0	16274.0	16278.0	16286.0	16294.0	16309.0	16362.0	16390.0	16519.0
<b>ITEM 3</b>										
2TWYJE	Y	T	R	T	Y	Y	R	Y	R	C

# Mitochondrial DNA - HVRI Results

TABLE 5d - ITEM 4

Polymorphisms from Anderson Reference

	16311.0	16519.0
<b>ITEM 4</b>		
2ANKE8	C	
2TWYJE	C	C
4J6Y4T	C	
4WWWYP	C	
8JXZQM	C	C
8WKEJN	C	
9AGUZA	C	
AFLXNM	C	
ATR6LR	C	
CXJXQ8	C	
EBW868	C	
FRXFQD	C	
H9LC7D	C	
HE6KJC	C	
JD7Y6B	C	
JPMEJC	C	C
K7JDRX	C	
L4D8XA	C	
MF4CP7	C	C
MJHWNE	C	
PXPYR8	C	
Q8XNF4	C	
QN44K6	C	C
REFEE4	C	
RF7TME	C	
RPX9E4	C	
T2MCC3	C	
T4EQC6	C	
TRN2DY	C	
UFZXGD	C	
UGYT92	C	
UKPQ2R	C	
UQUMLR	C	
ZJETFX	C	



# Mitochondrial DNA - HVRI Results

TABLE 5e

## Bases Sequenced: HVR I

WEBCODE	ITEM 1	ITEM 2	ITEM 3	ITEM 4
2ANKE8	15994-16400	15994-16400		15994-16400
2TWYJE	16024-16569	16024-16569	16024-16569	16024-16569
4J6Y4T	16004-16569	16004-16569	Not Reported	16009-16387
4VWVYP	16024-16569	16024-16569	Inc	16024-16391
8JXZQM	16024-16502	16024-16502	Inc	16024-16569
8WKEJN	16015-16390	16015-16386	NA	16022-16386
9AGUZA	16024-16365	16024-16365		16024-16365
AFLXNM	16001-16569	16001-16569	Not Reported	16001-16388
ATR6LR	16001-16390	16001-16386		16001-16379
CXJXQ8	16021-16400	16021-16400		16021-16400
EBW868	15998-16404	15998-16404		15998-16404
FRXFQD	16024-16493	16024-16493	Inc	16024-16502,
H9LC7D	16024-16569	16024-16569	Inc	16024-16391
HE6KJC	15998-16390	16001-16390		15998-16390
JD7Y6B	16003-16390	16001-16385	NA	16013-16366
JPMEJC	16024-16569	16024-16569	Inc	16024-16569
K7JDRX	16000-16400	16000-16400	-	16000-16400
L4D8XA	16000-16390	16000-16389	NA	16005-16386
MF4CP7	16024-16569	16024-16569		16024-16569
MJHWNE	16001-16390	15998-16390		15998-16390
PXPYR8	15998-16569	15998-16569		16001-16371
Q8XNF4	16015-16390	16015-16386	NA	16001-16390
QN44K6	16024-16569	16024-16569	INCONCLUSIVE	16024-16569
REFEE4	16005-16390	16005-16386	NA	16005-16386
RF7TME	15994-16400	15994-16400	N/A	15994-16400
RPX9E4	16024-16391	16024-16391	Inc	16024-16391
T2MCC3	16017-16390	16001-16386	NA	16017-16386
T4EQC6	15998-16390	15998-16390		15998-16390
TRN2DY	16024-16365	16024-16365		16024-16365
UFZXGD	15994-16400	15994-16400		15994-16400
UGYT92	16005-16390	15999-16387	-	16011-16390
UKPQ2R	15998-16404	16004-16404		16006-16404
UQUMLR	16004 - 16404	16004 - 16404		16006 - 16404
ZJETFX	16001-16390	16001-16386	N/A	16001-16386

# Mitochondrial DNA - HVRII Results

TABLE 6a - ITEM 1

Polymorphisms from Anderson Reference

	73.0	146.0	195.0	263.0	309.1	315.1	505.0	527.0	532.0
<b>ITEM 1</b>									
2ANKE8	G	C	C	G	C	C			
2TWYJE	G	C	C	G	C	C			
4J6Y4T	G	C	C	G	C	C			
4WWWYP	G	C	C	G	C	C			
8JXZQM	G	C	C	G	C	C	N	N	N
8WKEJN	G	C	C	G	C	C			
9AGUZA	G	C	C	G	C	C			
AFLXNM	G	C	C	G	C	C			
ATR6LR	G	C	C	G	C	C			
CXJXQ8	G	C	C	G	C	C			
EBW868	G	C	C	G	C	C			
FRXFQD	G	C	C	G	C	C			
H9LC7D	G	C	C	G	C	C			
HE6KJC	G	C	C	G	C INS.	C INS.			
JD7Y6B	G	C	T	G	C	C			
JPMEJC	G	C	C	G	C	C			
K7JDRX	G	C	C	G	C	C			
L4D8XA	G	C	C	G	C	C			
MF4CP7	G	C	C	G	C	C			
MJHWNE	G	C	C	G	C	C			
PXPYR8	G	C	C	G	C	C			
Q8XNF4	G	C	C	G	C	C			
QN44K6	G	C	C	G	C	C			
REFEE4	G	C	C	G	C	C			
RF7TME	G	C	C	G	C	C			
RPX9E4	G	C	C	G	C	C			
T2MCC3	G	C	C	G	C	C			
T4EQC6	G	C	C	G	C	C			
TRN2DY	G	C	C	G	C	C			
UFZXGD	G	C	C	G	C	C			
UGYT92	G	C	C	G	C	C			
UKPQ2R	G	C	C	G	C	C			
UQUMLR	G	C	C	G	C	C			
ZJETFX	G	C	C	G	C	C			

# Mitochondrial DNA - HVRII Results

TABLE 6b - ITEM 2

Polymorphisms from Anderson Reference

	73.0	263.0	309.1	315.1	404.0	411.0	505.0	523.0	524.0	527.0	532.0
<b>ITEM 2</b>											
2ANKE8	G	G	C	C							
2TWYJE	G	G	C	C				DEL	DEL		
4J6Y4T	G	G	C	C				D	D		
4WVWYP	G	G	C	C				.	.		
8JXZQM	G	G	C	C	N	N	N	.	.	N	N
8WKEJN	G	G	C	C							
9AGUZA	G	G	C	C							
AFLXNM	G	G	C	C				D	D		
ATR6LR	G	G	C	C							
CXJXQ8	G	G	C	C							
EBW868	G	G	C	C							
FRXFQD	G	G	C	C							
H9LC7D	G	G	C	C				.	.		
HE6KJC	G	G	C INS.	C INS.							
JD7Y6B	G	G	C	C							
JPMEJC	G	G	C	C				.	.		
K7JDRX	G	G	C	C							
L4D8XA	G	G	C	C							
MF4CP7	G	G	C	C				D	D		
MJHWNE	G	G	C	C							
PXPYR8	G	G	C	C				D	D		
Q8XNF4	G	G	C	C							
QN44K6	G	G	C	C				--	--		
REFEE4	G	G	C	C							
RF7TME	G	G	C	C							
RPX9E4	G	G	C	C							
T2MCC3	G	G	C	C							
T4EQC6	G	G	C	C							
TRN2DY	G	G	C	C							
UFZXGD	G	G	C	C							
UGYT92	G	G	C	C							
UKPQ2R	G	G	C	C							
UQUMLR	G	G	C	C							
ZJETFX	G	G	C	C							

# Mitochondrial DNA - HVRII Results

TABLE 6c - ITEM 3

Polymorphisms from Anderson Reference

	73.0	146.0	195.0	263.0	309.1	315.1	523.0	524.0
<b>ITEM 3</b>								
2TWYJE	G	Y	Y	G	C	C	DEL	DEL

# Mitochondrial DNA - HVRII Results

TABLE 6d - ITEM 4

Polymorphisms from Anderson Reference

	146.0	217.0	263.0	315.1	532.0
<b>ITEM 4</b>					
2ANKE8	C	C	G	C	
2TWYJE	C	C	G	C	
4J6Y4T	C	C	G	C	
4WWWYP	C	C	G	C	
8JXZQM	C	C	G	C	N
8WKEJN	C	C	G	C	
9AGUZA	C	C	G	C	
AFLXNM	C	C	G	C	
ATR6LR	C	C	G	C	
CXJXQ8	C	C	G	C	
EBW868	C	C	G	C	
FRXFQD	C	C	G	C	
H9LC7D	C	C	G	C	
HE6KJC	C	C	G	C INS.	
JD7Y6B	C	C	G	C	
JPMEJC	C	C	G	C	
K7JDRX	C	C	G	C	
L4D8XA	C	C	G	C	
MF4CP7	C	C	G	C	
MJHWNE	C	C	G	C	
PXPYR8	C	C	G	C	
Q8XNF4	C	C	G	C	
QN44K6	C	C	G	C	
REFEE4	C	C	G	C	
RF7TME	C	C	G	C	
RPX9E4	C	C	G	C	
T2MCC3	C	C	G	C	
T4EQC6	C	C	G	C	
TRN2DY	C	C	G	C	
UFZXGD	C	C	G	C	
UGYT92	C	C	G	C	
UKPQ2R	C	C	G	C	
UQUMLR	C	C	G	C	
ZJETFX	C	C	G	C	

# Mitochondrial DNA - HVRII Results

TABLE 6e

## Bases Sequenced: HVR II

WEBCODE	ITEM 1	ITEM 2	ITEM 3	ITEM 4
2ANKE8	35-409	35-409		35-409
2TWYJE	1-576	1-576	1-576	1-576
4J6Y4T	1-536	1-536	Not Reported	39-367
4WVWYP	1-576	1-576	Inc	35-369
8JXZQM	41-545	41-545	Inc	1-535
8WKEJN	52-399	52-399	NA	52-399
9AGUZA	73-340	73-340		73-340
AFLXNM	1-536	1-536	Not Reported	50-361
ATR6LR	52-399	52-399		52-399
CXJXQ8	66-390	66-390		66-390
EBW868	49-407	49-407		49-407
FRXFQD	39-499	39-513	Inc	1-526
H9LC7D	1-576	1-576	Inc	35-369
HE6KJC	52-400	52-400		49-407
JD7Y6B	52-407	52-400	NA	52-400
JPMEJC	1-576	1-576	Inc	1-576
K7JDRX	35-420	35-420	-	35-420
L4D8XA	51-400	53-383	NA	52-399
MF4CP7	1-576	1-576		1-576
MJHWNE	52-407	52-399		49-407
PXPYR8	1-536	1-536		39-361
Q8XNF4	52-399	52-399	NA	52-407
QN44K6	1-576	1-576	INCONCLUSIVE	1-576
REFEE4	52-399	52-399	NA	52-399
RF7TME	35-409	35-409	N/A	35-409
RPX9E4	35-464	35-464	Inc	35-464
T2MCC3	52-399	52-399	NA	52-356
T4EQC6	49-401	49-407		49-407
TRN2DY	73-340	73-340		73-340
UFZXGD	35-409	35-409		35-409
UGYT92	50-401	53-405	-	52-401
UKPQ2R	49-407	49-401		49-407
UQUMLR	49-407	49 - 401		56 - 407
ZJETFX	52-399	52-399	N/A	52-399

# DNA Interpretations

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

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
22JXJ7	Yes	No	Yes	No	2RCCDR	Yes	No	Yes	No
22JZAB	Yes	No	Yes	No	2RUAN4	Yes	No	Yes	No
22ZA4W	Yes	No	Yes	No	2TWYJE	Yes	No	Yes	No
23LH7Z	No Interpretations Reported, DNA Analyzed for Database purposes only.				2VL62Q	No Interpretations Reported, DNA Analyzed for Database purposes only.			
23RK6K	Yes	No	Yes	No	2XG7HK	Yes	No	Yes	No
24M7T6	Yes	No	Yes	No	2XMB24	Yes	No	Yes	No
29XTEE	Yes	No	Yes	No	2YUMP8	Yes	No	Yes	No
29YDWW	Yes	No	Yes	No	32TCHZ	Yes	No	Yes	No
2AEWDZ	Yes	No	Yes	No	32U826	Yes	No	Yes	No
2ANKE8	Yes	No	Yes	No	34KLC2	Yes	No	Yes	No
2CDL3M	Yes	No	Yes	No	36F3T6	Yes	No	Yes	No
2CGUQE	Yes	No	Yes	No	37QYZU	Yes	No	Yes	No
2DRQ2K	Yes	No	Yes	No	37TKXV	Yes	No	Yes	No
2FUNDY	Yes	No	Yes	No	37TMMZ	Yes	No	Yes	No
2GQCK2	Yes	No	Yes	No	38XMHZ	Yes	No	Yes	No
2HHW49	Yes	No	Yes	No	39BVLY	Yes	No	Yes	No
2HLMNQ	No Interpretations Reported, DNA Analyzed for Database purposes only.				3CJTQ3	Yes	No	Yes	No
2JJ26G	Yes	No	Yes	No	3CQZ3N	Yes	No	Yes	No
2MWXKQ	Yes	No	Yes	No	3DCM8J	Yes	No	Yes	No
2P42J9	Yes	No	Yes	No	3F6J2X	No Interpretations Reported, DNA Analyzed for Database purposes only.			
2QEPKF	Yes	No	Yes	No	3LEPVH	Yes	No	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
3MHNPX	Yes	No	Yes	No	4RHZR3	Yes	No	Yes	No
3MUVNE	Yes	No	Yes	No	4TD2T6	Yes	No	Yes	No
3REAFZ	Yes	No	Yes	No	4V3AYZ	Yes	No	Yes	No
3UVA6A	Yes	No	Yes	No	4WVWYP	Inc	No	Inc	No
3V6CVE	Yes	No	Yes	No	626FWW	Yes	No	Yes	No
3WCA8N	Yes	No	Yes	No	62QF6Z	Yes	No	Yes	No
3X2XDQ	Yes	No	Yes	No	664ATJ	Yes	No	Yes	No
3XEHUF	Yes	No	Yes	No	66JYU7	Yes	No	Yes	No
46A8M4	Yes	No	Yes	No	6AKLWF	Yes	No	Yes	No
499JKP	Yes	No	Yes	No	6BGTE8	Yes	No	Yes	No
4AJ6WQ	Yes	No	Yes	No	6JFGJ4	Yes	No	Yes	No
4DMWMW	Yes	No	Yes	No	6KJBPA	Yes	No	Yes	No
4DMZXZ	Yes	No	Yes	No	6PQTWP	Yes	No	Yes	No
4G2PBG	Yes	No	Yes	No	6PW4NF	Yes	No	Yes	No
4GPUZB	Yes	No	Yes	No	6RHG6R	Yes	No	Yes	No
4HXBQU	Yes	No	Yes	No	6VZ38R	Yes	No	Yes	No
4J6Y4T		No		No	6WVHLA	Yes	No	Yes	No
4LUXGW	No Interpretations Reported, DNA Analyzed for Database purposes only.				6YXXZM	Yes	No	Yes	No
4LZZJN	Yes	No	Yes	No	6ZG96R	Yes	No	Yes	No
4NJAG3	Yes	No	Yes	No	744NM7	Yes	No	Yes	No
4P23QC	Yes	No	Yes	No	767ERT	Yes	No	Yes	No
4QQBGF	Yes	No	Yes	No	76X9DB	Yes	No	Yes	No
					79WZRX	Yes	No	Yes	No



TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
7AJVLQ	Yes	No	Yes	No	8QBVMG	Yes	No	Yes	No
7DGHUL	Yes	No	Yes	No	8QHXHRG	Yes	No	Yes	No
7ERGAN	Yes	No	Yes	No	8UGC4K	Yes	No	Yes	No
7F2FFQ	Yes	No	Yes	No	8UNVAH	Yes	No	Yes	No
7GXT64	Yes	No	Yes	No	8W4PNU	Yes	No	Yes	No
7JKJ33	Yes	No	Yes	No	8WKEJN	Inc	No	Inc	No
7JU83M	Yes	No	Yes	No	8XHW66	Yes	No	Yes	No
7JU849	Yes	No	Yes	No	8XUM22	Yes	No	Yes	No
7KAPKD	No Interpretations Reported, DNA Analyzed for Database purposes only.				8ZLTA6	Yes	No	Yes	No
7KJLZ	Yes	No	Yes	No	8ZRUPD	Yes	No	Yes	No
7KYU8L	Yes	No	Yes	No	94E8J9	Yes	No	Yes	No
7T9APU	Yes	No	Yes	No	94TAU9	Yes	No	Yes	No
7TJVWP	Yes	No	Yes	No	97K7M9	Yes	No	Yes	No
7TKQHG	Yes	No	Yes	No	9AGUZA	Yes	No	Yes	No
7UVMVX	Yes	No	Yes	No	9CEJY4	Yes	No	Yes	No
7VHCR7	Yes	No	Yes	No	9CFA2R	Yes	No	Yes	No
7XVW3U	No Interpretations Reported, DNA Analyzed for Database purposes only.				9CP389	Yes	No	Yes	No
86DPTJ	No Interpretations Reported, DNA Analyzed for Database purposes only.				9CY8DR	Yes	No	Yes	No
8BLQC3	Yes	No	Yes	No	9EWECF	Yes	No	Yes	No
8JXZQM	Inc	No	Inc	No	9GTW3C	Yes	No	Yes	No
8KAU7M	Yes	No	Yes	No	9H24FJ	Yes	No	Yes	No
8PH6AB	No Interpretations Reported, DNA Analyzed for Database purposes only.				9HMRHT	Yes	No	Yes	No
					9J37U9	Yes	No	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
9J97HH	No Interpretations Reported, DNA Analyzed for Database purposes only.				AH2QYN	Yes	No	Yes	No
9KWRLE	Yes	No	Yes	No	AMWCXD	Yes	No	Yes	No
9M46ME	Yes	No	Yes	No	APCKNJ	Yes	No	Yes	No
9MACV3	Yes	No	Yes	No	AT2BA3	Yes	No	Yes	No
9MUFK9	Yes	No	Yes	No	ATR6LR	Yes	No	Yes	No
9MYRLC	No Interpretations Reported, DNA Analyzed for Database purposes only.				ATWCW2	Yes	No	Yes	No
9RDDNQ	Yes	No	Yes	No	AURV2M	Yes	No	Yes	No
9VBZY7	Yes	No	Yes	No	AV3JBR	Yes	No	Yes	No
9VLFZF	Yes		Yes		AZY63U	Yes	No	Yes	No
9W27BQ	Yes	No	Yes	No	B2A4YP	Yes	No	Yes	No
9WEMHC	Yes	No	Yes	No	B3U8FA	Yes	No	Yes	No
9XTNBL	Yes	No	Yes	No	B6U3LK	Yes	No	Yes	No
9Y4N8F	Yes	No	Yes	No	B7YQN3	Yes	No	Yes	No
9YRFBJ	Yes	No	Yes	No	B8GLMH	Yes	No	Yes	No
9ZQEUR	Yes	No	Yes	No	B8YVCC	Yes	No	Yes	No
A2LVZT	Yes	No	Yes	No	BADZJ2	Yes	No	Yes	No
A3DABJ	Yes	No	Yes	No	BAGHL7	Yes	No	Yes	No
A3GFQY	Yes	No	Yes	No	BGFQ3B	No Interpretations Reported, DNA Analyzed for Database purposes only.			
A3Z3LA	Yes	No	Yes	No	BGNJ9Z	Yes	No	Yes	No
A7F4EF	No Interpretations Reported, DNA Analyzed for Database purposes only.				BGZ7FT	Yes	No	Yes	No
AFLXNM		No		No	BHPN68	No Interpretations Reported, DNA Analyzed for Database purposes only.			
AG74BX	Yes	No	Yes	No	BHTQ2L	Yes	No	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
BHUVZA	Yes	No	Yes	No	CCNPN4	Yes	No	Yes	No
BLA4QF	Yes	No	Yes	No	CDGEZK	Yes	No	Yes	No
BLVRRP	Yes	No	Yes	No	CDJafa	Yes	No	Yes	No
BN6UM2	Yes	No	Yes	No	CM6F7L	Yes	No	Yes	No
BNYQPB	Yes	No	Yes	No	CMHY6X	Yes	No	Yes	No
BP9V4Y	Yes	No	Yes	No	CMWUKT	Yes	No	Yes	No
BPTLZQ	Yes	No	Yes	No	CPCTUE	No Interpretations Reported, DNA Analyzed for Database purposes only.			
BRJP3X	Yes	No	Yes	No	CVCNN2	Yes	No	Yes	No
BT2J6T	Yes	No	Yes	No	CVF7Q8	Yes	No	Yes	No
BWH3PN	Yes	No	Yes	No	CWABJY	Yes	No	Yes	No
BWX6WW	Yes	No	Yes	No	CWNCY2	Yes	No	Yes	No
BXRZDD	Yes	No	Yes	No	CXJXQ8	Yes	No	Yes	No
BYGH3R	Yes	No	Yes	No	D2XYFC	Yes	No	Yes	No
BYKXGD	Yes	No	Yes	No	D9TZF2	Yes	No	Yes	No
BYLL6J	Yes	No	Yes	No	DARM7T	Yes	No	Yes	No
BZXD27	Yes	No	Yes	No	DBHEVY	Yes	No	Yes	No
C2684J	Yes	No	Yes	No	DC7Z6N	Yes	No	Yes	No
C2YHJE	Yes	No	Yes	No	DHJLKZ	Yes	No	Yes	No
C62TX8	Yes	No	Yes	No	DJ3PTE	Yes	No	Yes	No
C7CCHJ	Yes	No	Yes	No	DKN4RH	Yes	No	Yes	No
CA86DZ	Yes	No	Yes	No	DP3KZR	Yes	No	Yes	No
CACG8X	No Interpretations Reported, DNA Analyzed for Database purposes only.				DQHPQ4	Yes	No	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
DURCEV	Yes	No	Yes	No	EZK827	Yes	No	Yes	No
DXMCT6	Yes	No	Yes	No	F2KBXF	Yes	No	Yes	No
DXY3P3	Yes	No	Yes	No	F42ZHQ	Yes	No	Yes	No
DZNEK2	Yes	No	Yes	No	F6M2BM	Yes	No	Yes	No
E34WWX	No Interpretations Reported, DNA Analyzed for Database purposes only.				F6UVY9	Yes	No	Yes	No
E6YTZ6	Yes	No	Yes	No	F8DWXZ	Yes	No	Yes	No
E7A4QC	Yes	No	Yes	No	F8DYM6	Yes	No	Yes	No
E8G6MN	Yes	No	Yes	No	F9FDKY	Yes	No	Yes	No
EBW868	Inc	No	Inc	No	FD3XZU	Yes	No	Yes	No
ECJUH3	Yes	No	Yes	No	FD3ZPX	Yes	No	Yes	No
ED8EUZ	Yes	No	Yes	No	FDKG47	Yes	No	Yes	No
EGYELV	No Interpretations Reported, DNA Analyzed for Database purposes only.				FKJFBG	Yes	No	Yes	No
ENN27M	Yes	No	Yes	No	FN24ZZ	Yes	No	Yes	No
ENN7FP	Yes	No	Yes	No	FN7HTT	Yes	No	Yes	No
EPTL62	Yes	No	Yes	No	FNNHJC	Yes	No	Yes	No
EPXW4T	Yes	No	Yes	No	FRXFQD	Inc	No	Inc	No
EUCCXR	Yes	No	Yes	No	FU7GRQ	Yes	No	Yes	No
EUWJ4F	Yes	No	Yes	No	FX78A4	Yes	No	Yes	No
EVZT6E	No Interpretations Reported, DNA Analyzed for Database purposes only.				FYFNDN	Yes	No	Yes	No
EX93XB	No Interpretations Reported, DNA Analyzed for Database purposes only.				FYPRGM	Yes	No	Yes	No
EXRHBX	Yes	No	Yes	No	FZJFXW	Yes	No	Yes	No
EZFARP	Yes	No	Yes	No	G2K2P2	Yes	No	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
G47CJU	No Interpretations Reported, DNA Analyzed for Database purposes only.				H9LC7D	Inc	No	Inc	No
G974QC	Yes	No	Yes	No	HBMW6C	Yes	No	Yes	No
GDJTGZ	Yes	No	Yes	No	HCFJT9	Yes	No	Yes	No
GG88DF	Yes	No	Yes	No	HCMYUF	Yes	No	Yes	No
GGWM6K	Yes	No	Yes	No	HE6KJC	Yes	No	Yes	No
GJWKYE	Yes	No	Yes	No	HE798G	Yes	No	Yes	No
GKDL6F	Yes	No	Yes	No	HE8TRG	Yes	No	Yes	No
GMRDRA	Yes	No	Yes	No	HFGVGL	Yes	No	Yes	No
GN4BYY	Yes	No	Yes	No	HGCVKL	Yes	No	Yes	No
GPMRYZ	Yes	No	Yes	No	HHAMUR	Yes	No	Yes	No
GPT8Z9	Yes	No	Yes	No	HMHQ4L	Yes	No	Yes	No
GTGXRJ	Yes	No	Yes	No	HMTKTU	Yes		Yes	No
GTX2FJ	Yes	No	Yes	No	HRDQRB	Yes	No	Yes	No
GU2G4V	Inc	No	Inc	No	HRP9A2	Yes	No	Yes	No
GVFQDV	No Interpretations Reported, DNA Analyzed for Database purposes only.				HWCZ7J	Yes	No	Yes	No
GVZYNQ	Yes	No	Yes	No	HY2DVG	Yes	No	Yes	No
GWDJJL	Yes	No	Yes	No	HYPQMR	No Interpretations Reported, DNA Analyzed for Database purposes only.			
GXPAJP	Yes	No	Yes	No	J288FW	Yes	No	Yes	No
H3F46H	Yes	No	Yes	No	J2DHEP	Yes	No	Yes	No
H4NQEB	Yes	No	Yes	No	J8L6LD	Yes	No	Yes	No
H7TA9C	Yes	No	Yes	No	J8XKFZ	Yes	No	Yes	No
H94V96	Yes	No	Yes	No	J8YXX8	Yes	No	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
JAJAKK	Yes	No	Yes	No	K4ZPJP	Yes	No	Yes	No
JC3746	Yes	No	Yes	No	K6PMPP	Yes	No	Yes	No
JCF29J	Yes	No	Yes	No	K7434Q	Yes	No	Yes	No
JCWK94	Yes	No	Yes	No	K7JDRX	Yes	No	Yes	No
JD7Y6B	Inc	No	Inc	No	K9QNR8	No Interpretations Reported, DNA Analyzed for Database purposes only.			
JDW496	Yes	No	Yes	No	KCRBJV	Yes	No	Yes	No
JE4NPD	Yes	No	Yes	No	KD2UCK	Yes	No	Yes	No
JH4RMR	Yes	No	Yes	No	KFWUP4	Yes	No	Yes	No
JHCKUF	Yes	No	Yes	No	KFXK3D	Yes	No	Yes	No
JHE6YW	Yes	No	Yes	No	KGBZBK	Yes	No	Yes	No
JYDEW	Yes	No	Yes	No	KHFT2D	Yes	No	Yes	No
JL3YX4	Yes	No	Yes	No	KHXQ9J	Yes	No	Yes	No
JM6K9B	Yes	No	Yes	No	KKLVUH	Yes	No	Yes	No
JN9KL4	Yes	No	Yes	No	KLL8XJ	Yes	No	Yes	No
JPMEJC	Yes	No	Yes	No	KP4BJV	No Interpretations Reported, DNA Analyzed for Database purposes only.			
JRC2D6	Yes	No	Yes	No	KPN69C	Yes	No	Yes	No
JTNW2H	Yes	No	Yes	No	KPTA99	Yes	No	Yes	No
JURDPV	Yes	No	Yes	No	KPYHHV	Yes	No	Yes	No
JX2WZV	Yes	No	Yes	No	KR7E6Q	Yes	No	Yes	No
JYN29M	Yes	No	Yes	No	KVMHJU	Yes	No	Yes	No
K2GLXD	Yes	No	Yes	No	KWMPA8	Yes	No	Yes	No
K3NELE	No Interpretations Reported, DNA Analyzed for Database purposes only.				KWU67R	Yes	No	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
KXVRC7	Yes	No	Yes	No	LWCVZR	Yes	No	Yes	No
KZ8GLA	Yes	No	Yes	No	LZACCL	Yes	No	Yes	No
L4D8XA	Inc	No	Inc	No	LZV2HM	Yes	No	Yes	No
L4DNAR	Yes	No	Yes	No	M2DQRP	Yes	No	Yes	No
L4UVDN	Yes	No	Yes	No	M3YGNA	Yes	No	Yes	No
L7F792	Yes	No	Yes	No	M4GE4G	Yes	No	Yes	No
L8EPAN	Yes	No	Yes	No	M6KXKH	Yes	No	Yes	No
L8FWLC	Yes	No	Yes	No	M6PNYY	Yes	No	Yes	No
L8J99D	Yes	No	Yes	No	M7KAP6	Yes	No	Yes	No
LB9X84	Yes	No	Yes	No	M7ZHQT	Yes	No	Yes	No
LBV24K	Yes	No	Yes	No	M92UYD	Yes	No	Yes	No
LCQMVP	Yes	No	Yes	No	M9LYM2	Yes	No	Yes	No
LGPVLJ	Yes	No	Yes	No	M9M7XL	Yes	No	Yes	No
LHFPU3	No Interpretations Reported, DNA Analyzed for Database purposes only.				M9RPYW	Yes	No	Yes	No
LJN4YN	Yes	No	Yes	No	MALBP2	Yes	No	Yes	No
LJZUX7	Yes	No	Yes	No	MAMANG	Yes	No	Yes	No
LL3P94	Yes	No	Yes	No	MBRRWK	Yes	No	Yes	No
LMECT4	Yes	No	Yes	No	MC6GXC	Yes	No	Yes	No
LPXGFF	Yes	No	Yes	No	MDT2GL	Yes	No	Yes	No
LQA8FJ	Yes	No	Yes	No	MEURUW	Yes	No	Yes	No
LRNVPB	Yes	No	Yes	No	MF4CP7	Yes	No	Yes	No
LVQPRM	Yes	No	Yes	No	MFQA2R	Yes	No	Yes	No
					MJ7JCA	Yes	No	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
MJ8GM7	Yes	No	Yes	No	NKF3JK	Yes	No	Yes	No
MJHWNE	Yes	No	Yes	No	NMFHLG	No Interpretations Reported, DNA Analyzed for Database purposes only.			
MJQC3L	Yes	No	Yes	No	NNEVKP	Yes	No	Yes	No
MK9AMY	Yes	No	Yes	No	NP8A4E	Yes	No	Yes	No
MKCK6P	Yes	No	Yes	No	NUKYGW	Yes	No	Yes	No
MKUZQ6	Yes	No	Yes	No	NWXN2L	Yes	No	Yes	No
MPAHVM	Yes	No	Yes	No	NZTDKE	Yes	No	Yes	No
MUN96N	Yes	No	Yes	No	P2VKT	Yes	No	Yes	No
MV3P79	Yes	No	Yes	No	P46PUZ	Yes	No	Yes	No
MV4FGX	Yes	No	Yes	No	P6J8W7	Yes	No	Yes	No
MX23T8	Yes	No	Yes	No	P9YN7A	Yes	No	Yes	No
N2XKDZ	Yes	No	Yes	No	PB9HZP	Yes	No	Yes	No
N4KRN2	Yes	No	Yes	No	PBMCCH	Yes	No	Yes	No
N88Y2Q	Yes	No	Yes	No	PF2NPC	Yes	No	Yes	No
N9WCGN	Yes	No	Yes	No	PJUG4U	Yes	No	Yes	No
NAP8ZP	Yes	No	Yes	No	PLJB6A	Yes	No	Yes	No
NAY8V7	Yes	No	Yes	No	PNFJL7	Yes	No	Yes	No
NCLW26	Yes	No	Yes	No	PPJ339	Yes	No	Yes	No
NCXWKT	Yes	No	Yes	No	PT8VDW	Yes	No	Yes	No
NEKY72	No Interpretations Reported, DNA Analyzed for Database purposes only.				PUCE7X	Yes	No	Yes	No
NHAJUP	Yes	No	Yes	No	PW6G3E	Yes	No	Yes	No
NJYHJ3	Yes	No	Yes	No	PXPYR8		No		No



TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
PZ8474	Yes	No	Yes	No	R9GCMV	Yes	No	Yes	No
Q468BV	Yes	No	Yes	No	RBXQZ4	Yes	No	Yes	No
Q8XNF4	Inc	No	Inc	No	RD3KDF	Yes	No	Yes	No
Q9DXCB	Yes	No	Yes	No	RDGFVV	Yes	No	Yes	No
Q9TUPN	Yes	No	Yes	No	RDRMFP	Yes	No	Yes	No
QE27RF	Yes	No	Yes	No	REFEE4	Inc	No	Inc	No
QJE66U	Yes	No	Yes	No	RF7TME	Yes	No	Yes	No
QJGH4P	Yes	No	Yes	No	RG4LK4	Yes	No	Yes	No
QN44K6	Inc	No	Inc	No	RHP2KT	Yes	No	Yes	No
QR72TC	Yes	No	Yes	No	RHTVND	Yes	No	Yes	No
QRGW74	Yes	No	Yes	No	RJBLYJ	Yes	No	Yes	No
QT23WZ	Yes	No	Yes	No	RLGBCD	Yes	No	Yes	No
QU3KN6	Yes	No	Yes	No	RPX9E4	Inc	No	Inc	No
QWEF92	Yes	No	Yes	No	RQT8RM	Yes	No	Yes	No
QYP3DV	Yes	No	Yes	No	RTUNYK	No Interpretations Reported, DNA Analyzed for Database purposes only.			
R267CC	Yes	No	Yes	No	RUXMQE	Yes	No	Yes	No
R2CJ7L	Yes	No	Yes	No	RV8MHE	Yes	No	Yes	No
R2UFP9	Yes	No	Yes	No	RVGCJK	Yes	No	Yes	No
R386WQ	Yes	No	Yes	No	RVLE44	Yes	No	Yes	No
R3KQCU	Yes	No	Yes	No	RX6HQF	Yes	No	Yes	No
R4H6TL	Yes	No	Yes	No	RXKE3V	Yes	No	Yes	No
R6AA66	Yes	No	Yes	No	RYUB98	Yes	No	Yes	No
R7VKT7	Yes	No	Yes	No					

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
RZPNBR	Yes	No	Yes	No	UDD3R6	Yes	No	Yes	No
T2KAEN	Yes	No	Yes	No	UFGBKG	Yes	No	Yes	No
T2MCC3	No Interpretations Reported, DNA Analyzed for Database purposes only.				UFJELZ	Yes	No	Yes	No
T2ZW4C	Yes	No	Yes	No	UFZXGD	Yes	No	Yes	No
T3HHM8	Yes	No	Yes	No	UGYT92	Yes	No	Yes	No
T4EQC6	Yes	No	Yes	No	UHK876	Yes	No	Yes	No
T7YZNP	Yes	No	Yes	No	UJL8LQ	Yes	No	Yes	No
T8ZD6R	Yes	No	Yes	No	UKNTQW	No Interpretations Reported, DNA Analyzed for Database purposes only.			
TDFVQ8	No Interpretations Reported, DNA Analyzed for Database purposes only.				UKPQ2R	Inc	No	Inc	No
TLV2UW	Yes	No	Yes	No	UN793A	Yes	No	Yes	No
TNHG9K	Yes	No	Yes	No	UNCEND	Yes	No	Yes	No
TQ3TLG	Yes	No	Yes	No	UNRPCK	Yes	No	Yes	No
TR6DTH	Yes	No	Yes	No	UQPBMA	Yes	No	Yes	No
TRN2DY	Yes	No	Yes	No	UQUMLR	Inc	No	Inc	No
TWRMQN	Yes	No	Yes	No	URJ73Q	No Interpretations Reported, DNA Analyzed for Database purposes only.			
TWVNUF	Yes	No	Yes	No	UX2FCV	Yes	No	Yes	No
U4APR6	Yes	No	Yes	No	UXEN3Q	Yes	No	Yes	No
U6MGL8	Yes	No	Yes	No	UZ8T7G	Yes	No	Yes	No
U7ZUHG	Yes	No	Yes	No	V2CNHD	Yes	No	Yes	No
U8T2CR	No Interpretations Reported, DNA Analyzed for Database purposes only.				V2UBJG	Yes	No	Yes	No
UB9F7D	Yes	No	Yes	No	VC2K9Z	Yes	No	Yes	No
UBPE6J	Yes	No	Yes	No	VK8FZJ	Yes	No	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
VKLGR8	No Interpretations Reported, DNA Analyzed for Database purposes only.				WJFPHC	Yes	No	Yes	No
VKPKHH	Yes	No	Yes	No	WK62DB	Yes	No	Yes	No
VKRJPR	Yes	No	Yes	No	WK6MNC	Yes	No	Yes	No
VLNJ2Q	Yes	No	Yes	No	WME462	Yes	No	Yes	No
VMU8VM	Yes	No	Yes	No	WNUCJV	Yes	No	Yes	No
VP3DGN	Yes	Inc	Yes	Inc	WPXQBN	Yes	No	Yes	No
VRFU42	Yes	No	Yes	No	WQ8XEG	Yes	No	Yes	No
VRXKE8	Yes	No	Yes	No	WRNM29	Yes	No	Yes	No
VUGXJ3	Yes	No	Yes	No	WUYBW7	Yes	No	Yes	No
W7QFZ	Yes	No	Yes	No	WXWTEX	Yes	No	Yes	No
W897P	Yes	No	Yes	No	WZGED3	Yes	No	Yes	No
VZNCH2	Yes	No	Yes	No	X3GEXC	Yes	No	Yes	No
W4JMQ7	Yes	No	Yes	No	X3H6AM	Yes	No	Yes	No
W4KD4F	Yes	No	Yes	No	X6RLFR	Yes	No	Yes	No
W69T9G	Yes	No	Yes	No	X96CWV	Yes	No	Yes	No
W73DK3	No Interpretations Reported, DNA Analyzed for Database purposes only.				XALYEF	Yes	No	Yes	No
WA7396	Yes	No	Yes	No	XAURL6	Yes	No	Yes	No
WA7YHZ	Yes	No	Yes	No	XAZWKF	Yes	No	Yes	No
WC3KZD	Yes	No	Yes	No	XB3ACM	Yes	No	Yes	No
WGL7C4	Yes	No	Yes	No	XC7LHH	Yes	No	Yes	No
WHKNJU	Yes	No	Yes	No	XDGXHD	Yes	No	Yes	No
WHVTTC	Yes	No	Yes	No	XDVT2U	No Interpretations Reported, DNA Analyzed for Database purposes only.			

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
XFBXUQ	Yes	No	Yes	No	YEVKY8	Yes	No	Yes	No
XFJH8R	Yes	No	Yes	No	YGKVRK	Yes	No	Yes	No
XHUPP7	Yes	No	Yes	No	YHRRYP	Yes	No	Yes	No
XJ4DPQ	Yes	No	Yes	No	YJDQMU	Yes	No	Yes	No
XKQXDH	Yes	No	Yes	No	YLWPY4	Yes	No	Yes	No
XMPE9X	Yes	No	Yes	No	YM4T39	Yes	No	Yes	No
XTCDPY	Yes	No	Yes	No	YMYKRZ	No Interpretations Reported, DNA Analyzed for Database purposes only.			
XUD2C4	Yes	No	Yes	No	YPEYX3				
XX9YHM	Yes	No	Yes	No	YQ249F	Yes	No	Yes	No
XXAPVW	Yes	No	Yes	No	YTBUVCV	Yes	No	Yes	No
XYMF3F	Yes	No	Yes	No	YUDEJX	Yes	No	Yes	No
Y36NYU	Yes	No	Yes	No	YUGTDB	Yes	No	Yes	No
Y3FAAB	Yes	No	Yes	No	YWQ86W	Yes	No	Yes	No
Y4PGC4	Yes	No	Yes	No	YYDJFG	Yes	No	Yes	No
Y6644B	Yes	No	Yes	No	YZ3QXR	No Interpretations Reported, DNA Analyzed for Database purposes only.			
Y66W44	Yes	No	Yes	No	Z3JJ9T	Yes	No	Yes	No
Y8XVAF	Yes	No	Yes	No	Z4E4XD	Yes	No	Yes	No
YAX3H7	Yes	No	Yes	No	Z4NQYT	Yes	No	Yes	No
YB62DU	Yes	No	Yes	No	Z9UNZK	Yes	No	Yes	No
YC8PZZ	Yes	No	Yes	No	ZCNL36	Yes	No	Yes	No
YCTJXA	Yes	No	Yes	No	ZDHHDK	Yes	No	Yes	No
YCYFTD	Yes	No	Yes	No	ZEC3NX	Yes	No	Yes	No
YD3RV2	Yes	No	Yes	No					

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
ZGB4RU	Yes	No	Yes	No					
ZH9TCW	Yes	No	Yes	No					
ZHJ8NR	No Interpretations Reported, DNA Analyzed for Database purposes only.								
ZHUBKC	Yes	No	Yes	No					
ZJETFX	No Interpretations Reported, DNA Analyzed for Database purposes only.								
ZLUG8V	Yes	No	Yes	No					
ZM2TQR	Yes	No	Yes	No					
ZN8W3A	No Interpretations Reported, DNA Analyzed for Database purposes only.								
ZPPUMM	Yes	No	Yes	No					
ZTCWRR	No Interpretations Reported, DNA Analyzed for Database purposes only.								
ZTLH29	Yes	No	Yes	No					
ZV7LHT	Yes	No	Yes	No					

<b>DNA Interpretation</b>					
<b>Response Summary</b>			<b>Participants reporting DNA results: 631</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>					
<b>Responses</b>		Victim (Item 1)		Suspect (Item 2)	
		Item 3	Item 4	Item 3	Item 4
	Yes	<b>568</b>	<b>0</b>	<b>568</b>	<b>0</b>
	No	<b>0</b>	<b>583</b>	<b>0</b>	<b>584</b>
	Inc	<b>15</b>	<b>1</b>	<b>15</b>	<b>1</b>

Participants not reporting Interpretation results: 45

# Additional Comments

TABLE 8

WebCode	Additional Comments
2ANKE8	[From Table 3 - Amplification Kit(s) & YSTR Results, Item 4: "NR = no results"; From Table 6 - Mitochondrial DNA Results, Item 3: "Mixture for STRs - therefore, not sequenced."]
2CDL3M	NR = No Result
2CGUQE	The PowerPlex 16 HS amplification product of Item 3 resulted in an inconsistency at FGA. The suspected reason for this inconsistency is due to the 23 allele being an artifact, most likely elevated stutter to the 24 allele. As per our interpretation guidelines, stutter is acceptable at FGA up to 14% and "elevated stutter positions should be carefully evaluated before being designated as amplified alleles from a minor contributor". Due to the fact that the exhibit taken from Item 3 produced a mixture of at least two contributors, the stutter ratio exceeds the acceptable range, and the suspected stutter allele is in balance per our interpretation guidelines (greater than 46%) with the 25 allele, the peak was deemed appropriate and was not removed. In addition, the 23 allele was not present when the amplification was performed in PowerPlex Fusion. This supports that the 23 allele that was present in the PowerPlex 16 HS data was most likely an artifact and therefore not a true peak.
2HHW49	No Y-filer results are listed for item 4 as no Y-STR results were determined. This appears to be because the single DNA donor to Item 4 is female.
2JJ26G	Minifiler was also used to amplify all samples. Concordant results were obtained with all items for Identifiler Plus and Minifiler.
2N9FUN	For Biology screening only
2XMB24	Elevated stutter assessed in sample B2-2 @ D19S433, and typed as 14.2 before removal as artifact.
32U826	A possible additional DNA type (15) or n+4 stutter artifact was observed at genetic locus D8S1179 in item 3.
37TMMZ	NA= Not Applicable
38XMHZ	^ Indicates that the allele fell below the stochastic threshold, per [Laboratory] policy.
3REAFZ	"NR" in the results form indicates No Result (no alleles detected) for the locus tested.
3WCA8N	NR - No result
4AJ6WQ	Minifiler was tested on items 3 and 4. The minifiler results were concordant with the Identifiler plus data for items 3 and 4.
4J6Y4T	Items 1, 2, 3 and 4 were processed for Mitochondrial DNA analysis. Items 1 and 2 were processed for STR database purposes only. A mixed mtDNA profile was obtained from Item 3 and the data is not reported because there is no validated protocol for the deconvolution of a mixed mtDNA profile. Since Item 3 is not reported, no interpretation can be made between Item 1 and Item 3 as well as between Item 2 and Item 3.
4VWVYP	Item 3 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
66JYU7	Based on laboratory interpretation guidelines, Part III[Table 7 - DNA Interpretations] was filled out using identifiler results only, not Y-filer results.
6PQTWP	YSTR results were inconclusive for Item 3 comparisons due to presence of an unresolved mixture; inclusions above based upon autosomal results.
6ZG96R	All serological tests were done by forensic biologist. Results from Identifiler Plus and Minifiler are consistent with each other.

TABLE 8

WebCode	Additional Comments
744NM7	The table represents data from the PowerPlex® Fusion System. (data provided for review only). One set of data for PowerPlex® 16HS System was generated for this PT round (15-572) and was provided for "review only". DNA profiles obtained from both systems were concordant.
767ERT	Y-STR and mitochondrial DNA testing not performed at this laboratory
7JU849	N/A = not applicable
7TKQHG	N/A = Not Applicable. [ ] = Minor Alleles.
8JXZQM	Item 3 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
8QHXHR	Item 1 and Item 2 were extracted using in-situ method and amplified using AmpFISTR Identifiler Direct and Yfiler PCR Kit. Item 3 and Item 4 were extracted using Chelex extraction method. Item 3 and Item 4 were quantified using Quantifiler Human DNA Quantification Kit from Applied Biosystem and carried out by 7500 Real Time PCR System, then amplified using AmpFISTR Identifiler Plus and Yfiler PCR Kit. The electrophoresis for Item 1, Item 2, Item 3 and Item 4 were carried out on Genetic Analyzer 3130xl. Reagent Blank, Positive Control and Negative Control carried out along with the analysis.
8W4PNU	[ ] - indicates minor allele/s and alleles between analytical and stochastic thresholds
8XUCYQ	Screening for biological fluids only.
8XUM22	Results reported in Part II[Table 2 - Amplification Kit(s) & STR Results] were from data developed with PowerPlex Fusion. Technical review was performed of previously processed PP16 HS data. The PP16 HS data obtained was concordant with the results that were obtained from Fusion. The conclusions reported for Item 3 and Item 4 from PowerPlex Fusion are concordant with the conclusions for PP16 HS.
8ZRUPD	A mixed DNA profile was obtained from Item 3. The alleles obtained in Item 3 corresponded to alleles obtained from Item 1 and Item 2.
9H24FJ	NR = not reported. Item 4 produced no results when amplified using YFiler.
9M46ME	N/A = Not Applicable
9RDDNQ	Minifiler DNA analysis was performed on the extract from Ex. 3. Results of this analysis are complete and concordant with Identifiler Plus results from this exhibit. Neither Y-STR, nor mitochondrial DNA testing are performed in this laboratory.
9ZQEUR	^ = possible stutter (see Item 3, DYS392) 12=189 rfu; 13=1061 rfu; phr=17.8%; stutter filter=16.22%; maximum height for filtered stutter peak for 13=172 rfu difference between 12 peak and maximum stutter=17 rfu. The difference between the height of the 12 peak and the maximum height of a filtered stutter peak for 13 is 17 rfu, which is below the minimum detection threshold of 50 rfu; therefore, it is noted that the 12 peak is possibly stutter from the 13 peak.
A2LVZT	Possible elevated stutter present in Item 3 (victim's shirt) @ D1S1656 - the allele call of 13 is possible n+4/n-4 stutter; the acceptable stutter percentage is < or = 14.2%; the stutter percentage present @ D1S1656 is 14.6%.
A3Z3LA	ND = No data
AFLXNM	Items 3 and 4 were not processed for STR analysis. Items 1 and 2 were processed for STR database purposes. Items 1, 2, 3, and 4 were processed for mtDNA analysis. A serological evaluation was not performed as it is not necessary to determine the method of processing for mtDNA analysis. A mixed mtDNA profile was obtained from Item 3 and the data is not reported because there is no validated protocol for the deconvolution of a mixed mtDNA profile.
ATWCW2	No STR results were obtained for the substrate controles[sic].
B6U3LK	Identifiler Plus and Minifiler results were concordant. Serology results were performed by Forensic Biologist.

TABLE 8

WebCode	Additional Comments
BLVRRP	Y-STR and Mitochondrial DNA testing is not performed at this laboratory.
BP9V4Y	Item 1: CSF1PO stutter 10.3%. Item 4: D3S1358 pull-up.
BT2J6T	Item 4: NR = No Results
BYKXGD	For examination, there were designated sub-items for Items 3 and 4 to represent the stains, named Items 3.1 and 4.1, respectively. The results obtained for Items 3.1 and 4.1 were attributed to Items 3 and 4 for the purposes of the proficiency test.
C62TX8	Detection of male DNA using quantitative PCR (Plexor HY): Item 3: epithelial fraction: Positive (3.913 ng/uL male DNA); sperm fraction: Inconclusive (0.0009997 ng/uL male DNA). Item 4 epithelial fraction: Negative; sperm fraction: Negative. DNA Allele Calls: NR = No results, ^ = Below stochastic threshold (200 RFUs), and NT = Not tested. A differential extraction was performed on items 3 and 4 as a screening tool. Data in the sperm fraction of item 3 appears to be limited carryover from the epithelial fraction of item 3.
CACG8X	No mitochondrial tests were performed on Items 1 or 2 and no tests were performed on Items 3 or 4.
CZALCE	FOR BIOLOGY SCREENING ONLY
DBHEVY	Item 3, the stain from the victim's shirt, is positive for human blood test and negative for semen and saliva test. The DNA profile of Item 3 is mixed the victim's DNA profile(Item 1) and the suspect's DNA profile(Item 2). Item 4, the suspect's sheet, is positive for human blood test and negative for semen and saliva test. Item 4 had detected woman's DNA profile and does not match the victim's DNA profile(Item 1) and the suspect's DNA profile(Item 2).
DXMCT6	The Minifiler profile results were consistent with the alleles detected with the Identifiler Plus Profile.
DZNEK2	MiniFiler results concordant with Identifiler Plus results.
E34WWX	No Mitochondrial tests were performed on Items 1 or 2. No tests performed on Items 3 or 4.
EBW868	item 1: At 303-309, presence of 7, 8, and 9 Cs. item 2: At 303-309, presence of 7, 8, and 9 Cs. item 3: mixture.
EGYELV	No mitochondrial tests performed on Items 1 or 2. No tests performed on Items 3 or 4.
EPXW4T	"Questioned stain from the suspect's sheet" stain 1 was analyzed using our high sensitivity DNA testing procedures in addition to our regular procedures. High sensitivity DNA testing results are concordant with the reported results.
F6M2BM	^ = peaks seen below stochastic threshold as per [Laboratory] policy.
F8DWXZ	Minifiler was also run on all samples. The results for Minifiler were concordant with the results for Identifiler Plus at all locations tested.
FD3XZU	No STR results were obtained for the substrate controls.
FKJFBG	Multiplex PCR amplifications were performed on the Organic @ Phenol/Chloroform (Item 1, Item 2, Item 3 and Item 4) extracted DNA samples using Applied Biosystems AmpF/STR Identifiler Plus and Y-filer amplification kits.
FRXFQD	Item 3 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
G47CJU	No Mitochondrial tests performed on items 1 or 2. No testing performed on items 3 or 4.
GDJTGZ	Minifiler was also used to amplify all samples. Concordant results were obtained with all items for Identifiler Plus and Minifiler.
GJWKYE	NR = No Result. Minifiler and Identifiler Plus results were concordant.



## TABLE 8

WebCode	Additional Comments
GKDL6F	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.
GTGXRJ	Mitochondrial and Y-STR testing are not performed in this laboratory.
GVFQDV	No mitochondrial DNA testing was performed. No testing was performed on Item 3 or Item 4.
H23P98	For Biology Screening Only
H3F46H	^ -possible stutter at loci DYS390 and DYS389II for the YSTR results. The filter for DYS390 is 10.4%; the 23 peak is 10.4% of the parent peak and the 25 peak is 12.1% of the parent peak. The filter for DYS389II is 13.85%; the 29 peak is 14.5% of the parent peak. Since the peaks were so close in value to the stutter filter and the sample is evidence and mixed; the peaks were deemed as possible stutter.
H9LC7D	Item 3 was inconclusive due to a mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
HCFJT9	[From Table 3 - Amplification Kit(s) & YSTR Results, Item 4: "NR = No Result."]
HRP9A2	* Inconclusive for the presence of additional alleles
HYPQMR	i. No Y-STR or Mitochondrial tests performed on items 1 or 2. ii. No tests performed on items 3 or 4.
J8YXX8	KEY for YSTR Item 4: NR = No Result
JHCKUF	Item 3 for D5S818 phr of 12+, 13 is 28% with the 12 allele being higher, designated with a + sign. Item 3 for FGA phr of 24+, 25 is 27% with the 24 allele being higher, designated with a + sign.
JM6K9B	Items #3 and #4 were screened for blood in the Forensic Biology Section of the lab with the following results: #3: KM +, RSID blood +, #4: KM +, RSID blood +. The DNA analyst taking this test screened Items #3 and #4 for blood with the following results: #3: KM+, #4: KM +. Note: Identifiler and Minifiler results concordant. Note: NR = No Results.
JPMEJC	The mtDNA for Item 3 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
JURDPV	Based on the results obtained with the STRs analysis (mixture for item 3 and a genetic profile of female origin for item 4), no mt-DNA analysis was performed. Pxy23 analysis was performed on item 4 as all STRs analysis were asked at the same time.
K7JDRX	Mix DNA profile was obtained with 2 contributors in question stain (item3) which included of item1 (known blood from the male victim) and item2 (known blood from the male suspect). DNA profile of item4 contribute of female which is not related to others. [sic]
KCRBJV	MiniFiler results concordant with Identifiler Plus results.
LBV24K	The table represents data from the PowerPlex® Fusion System. One set of data for PowerPlex® 16HS System was generated for this PT round (15-572) and was provided for "review only". Single source and mixture profiles from both systems were concordant.
LJN4YN	No STR results were obtained for the substrate controls.
LQA8FJ	A 24 allele was observed at locus Penta E with the Fusion kit for Item 3. This allele can be attributed to a possible additional donor or an artifact (elevated stutter at 10.1%, allowable stutter less than or equal to 7.6%). It should be noted that a 24 allele was not observed at locus Penta E in PP16HS for Item 3. Because Item 3 is an indistinguishable mixture, the 24 allele was reported in the Fusion results. Overall interpretations utilized both Fusion & PP16HS data and the data was concordant with the exception of the

TABLE 8

WebCode	Additional Comments
	locus noted above.
M9LYM2	Item 1 and Item 2 were extracted using in-situ method and amplified using AmpFISTR Identifiler Direct and Yfiler PCR Kit. Item 3 and Item 4 Quantified using Quantifiler Human DNA Quantification Kit from Applied Biosystem and carried out by Real-Time PCR 7500, then amplified using AmpFISTR Identifiler Plus and Yfiler PCR Kit. The electrophoresis was carried out for Item 1,2,3 and 4 on Genetic Analyzer 3130XL. Reagent blank, negative and positive control were carried out along with the analysis.
N2XKDZ	1) Item 1 and Item 2 were amplified using AmpFISTR Identifiler Direct Kit. 2) Item 3 and 4 were extracted using DNA IQ (TECAN Freedom EVO Automated). 4) DNA quantitation was carried out using the Quantifiler Human DNA Quantification Kit. 5) Item 3 and Item 4 were amplified using AmpFISTR Identifiler Plus Kit. 6) Amplification of Y-STR (Short Tandem Repeat) Genetic Loci was carried out using the AmpFISTR Y-Filer PCR Amplification Kit. 7) Capillary electrophoresis was carried out using the Applied Biosystems 3130xl Genetic Analyzer with GeneMapper ID Software. 8) Reagent blank, positive control and negative control were carried out throughout the analysis.
N4KRN2	NR = No Result
NMFHLG	Only tested known Items 1 and 2.
NUKYGW	ND = No Data
P6J8W7	All of the screening tests listed on Part 1 [Table 1 - Serology Screening Results] were performed by a qualified Forensic Biologist. NR = No Results. All alleles detected were concordant between identifiler plus and minifiler.
P9YN7A	This lab does not perform mito or Y STR testing.
PXPYR8	Items 3 and 4 were not processed for STR analysis and Items 1 and 2 were processed for STR database purposes only. Items 1 through 4 were processed for mtDNA analysis. A serological evaluation was not performed on Items 3 and 4 as it is not necessary to determine the method of processing for mtDNA analysis. A mixed mtDNA profile was obtained from Item 3 and the data is not reported because there is no validated protocol for the deconvolution of a mixed mtDNA profile. Since Item 3 is not reported, no interpretation can be made between Items 1 and 3 or Items 2 and 3.
Q468BV	Human blood detected on items 3 and 4 with the ABA card Hematrace test.
QN44K6	Item 3 is reported as inconclusive due to mixtures. This laboratory does not interpret mitochondrial DNA mixtures.
QR72TC	N/T = Not Tested
QU3KN6	Minifiler data was concordant with Identifiler Plus data for all overlapping loci.
R386WQ	Minifiler was also used to amplify all samples. Concordant results were obtained with all items for Identifiler Plus and Minifiler.
R9GCMV	DNA analysis was performed as follows: (1) DNA extraction was performed on the Qiagen BioRobot EZ-1 Advanced XL using the EZ-1 Investigator Kit chemistry. (2) Quantification was performed on the Applied Biosystems 7500 using Quantifiler Duo Kit. (3) Amplification was performed on the AB 9700 thermal cycler. (4) Data collection and analysis done using the AB 3500-xl Genetic Analyzer and GeneMapper ID-X software.
RDGFVV	[ ] = Minor Contributor. N/A = Not Applicable.
RF7TME	[From Table 3 - Amplification Kit(s) & YSTR Results, Item 4: "NR = No Result obtained"; From Table 6 - Mitochondrial DNA Results, Item 3: "Not run due to STR mixture."]
RPX9E4	Item 3 is being reported out as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mixtures.
RTUNYK	No Mitochondrial test performed on item 1 or 2. No tests performed on items 3 or 4.

TABLE 8

WebCode	Additional Comments
T4EQC6	Item 3- mixture for mitochondrial DNA, therefore no interpretation conducted. Results of interpretation listed are based on nuclear DNA results only. Screening tests performed by a member of the Forensic Biology Unit. In addition, DNA analyst performed KM testing.
TNHG9K	ND = No data
UFZXGD	[From Table 6 - Mitochondrial DNA Results, Item 3: "Not tested because STR DNA mixture detected for this item."]
UGYT92	RSID testing performed by Forensic biologist. KM testing performed by DNA analyst. Minifiler testing concordant with Identifiler Plus results. Item #3 for mitochondrial dna was a mixture - no comparisons made for this item. Interpretation results above [Table 7 - DNA Interpretations] based on nuclear DNA.
UKPQ2R	Item #1: presence of 8 and 9 Cs at positions 303-309 (region HV2). Item #2: presence of 7, 8, and 9 Cs at positions 303-309 (region HV2). Item #3: mixture.
UNCEND	MiniFiler results for Items 3, 4, 1, and 2 are concordant with the Identifiler Plus results (at the corresponding loci).
UNRPCK	N/A = Not Applicable
UQUMLR	Item #3 - Mixture. Item #1 - At 303 - 309, Presence of 8 and 9 C's. Item #2 - At 303 - 309, Presence of 8 and 9 C's.
V2UBJG	Item 4 stain from suspect's sheet, was analyzed using our high sensitivity DNA testing procedures in addition to our regular procedures. High sensitivity DNA testing results are concordant with the reported results.
VMU8VM	In Part II[Table 2 - Amplification Kit(s) & STR Results], STR loci labeled "N/A" are not analyzed with the Identifiler Plus kit.
VP3DGN	^ = alleles below stochastic threshold (200 RFU). NR = No interpretable result. A full single source female autosomal DNA profile was obtained from Item 4. The Victim (Item 1) and the Suspect (Item 2) cannot be contributors to this autosomal DNA profile. Two YSTR alleles were obtained for Item 4. Insufficient data does not permit the interpretation of these alleles.
VRFU42	Minifiler and Identifiler Plus concordant.
W4JMQ7	Reporting Fusion data, PP16HS data concordant with Fusion data and results.
W69T9G	ND = No data
WC3KZD	Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed. ALS/AP testing was conducted on items 3 and 4 to rule out the possibility of semen and/or seminal fluids that may be quenched under a suspected bloodstain.
WQ8XEG	Item #3 contains a mixture of indistinguishable contributions from victim and suspect.
X3GEXC	1) The table represents data from the PowerPlex® Fusion System. 2) One set of data for the PowerPlex® 16 HS System was generated for this proficiency test round (15-572) and was provided for "review only". 3) Overall conclusions (Part III: DNA Interpretation[Table 7]) were made utilizing both the PowerPlex Fusion and PowerPlex 16 HS Systems. 4) Single source and mixture profiles from both systems were concordant. 5) RSID = Rapid Stain Identification.
XFBXUQ	1. Item 1 and Item 2 were extracted by in-situ extraction method. 2. Item 3 and Item 4 were extracted using Promega DNA IQ on TECAN Freedom Evo 150. 3. Amplification was done using the AMPFLSTR Identifiler Direct Kit on Item 1 and Item 2 and AMPFLSTR Plus Kit on Item 3 and Item 4. 4. Y-STR was carried out using AMPFLSTR Y-File Kit on Item 1 to Item 4. 5. Electroforesis[sic] was carried out using 3130xl Genetic Analyzer. 6. Reagent Blank, Positive Control and Negative Control were carried out along with the analysis.
XHUPP7	Item 3: 30 allele detected at D21S11, not attributable to items 1 or 2, may be artifact (elevated stutter 12.2%)

TABLE 8

WebCode	Additional Comments
XJ4DPQ	Semen screening only done to determine which samples, if any, needed differential extraction for DNA analyst. Analyst based Y-STR processing on STR profiles in absence of male DNA quantification information. Based on the STR profile obtained for Item 4, this item was not processed for Y-STRs.
Y3FAAB	No STR results for substrate controls.
YCYFTD	The data for Promega Fusion and Promega PP16HS was concordant.
YLWPY4	NA = Not Applicable
YPEYX3	No interpretations performed. Proficiency used for screening purposes only.
YQ249F	N/A = Not Applicable
YUDEJX	Items #3 and #4 were screened for blood in the forensic biology section w/ the following results: #3 KM pos, O-tol pos; #4 KM pos, O-tol Pos; Identifiler Plus and minifiler results for items #3 and #4 were concordant.
YUGTDB	Sample from item 3 was also analyzed using our high sensitivity DNA procedures in addition to our regular procedures. High sensitivity DNA testing results are concordant with the reported results.
Z3JJ9T	IDP and Minifiler results concordant.
ZN8W3A	No Mitochondrial test performed on items 1 or 2. No tests performed on items 3 or 4.
ZPPUMM	NR = No Results
ZTCWRR	This examiner performs biological screening on all samples, but DNA testing only on known DNA standards.

# Appendix: Data Sheet

Collaborative Testing Services ~ Forensic Testing Program

\*\*\*\*\*

## Test No. 15-572: Forensic Biology

DATA MUST BE RECEIVED BY May 4, 2015 TO BE INCLUDED IN THE REPORT

Participant Code:

WebCode:

### Accreditation Release Statement

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

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

#### Scenario:

A male victim was found dead on the side of a dirt road. Police are investigating the alleged murder and have apprehended a male suspect. The investigators are submitting stains from the victim's shirt (Item 3) and the sheet found in the suspect's car trunk for analysis along with blood samples of the victim and the suspect.

#### Items Submitted (Sample Pack B2):

- Item 1: Known blood from the male victim.
- Item 2: Known blood from the male suspect.
- Item 3: Questioned stain from the victim's shirt. (tan patterned material)
- Item 4: Questioned stain from the suspect's sheet. (turquoise and white patterned material)

### **\*\*Please note the following Significant Changes to the Data Sheet\*\***

Due to the growing use of GlobalFiler™, Powerplex® Fusion and Powerplex® Y23, the Data Sheet has been updated to include the loci represented by these new amplification kits. In addition, the data sheet was redesigned to gather all the information for a single item on one page, including capturing the amplification kit used for the analysis for each Item. As always, the paper version of our data sheet displays loci in alpha-numeric order. To re-order the loci to match your amplification kit, please utilize our online data entry at [www.CTS-Portal.com](http://www.CTS-Portal.com).

#### Online Data Entry

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

Please return all pages of this data sheet.

Page 1 of 10

**Part I: SCREENING TESTS**

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

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

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

Test	Abbreviation	Test	Abbreviation
Acid Phosphatase	AP	Ortho-tolidine	O-tol
Alternate Light Source	ALS	Phenolphthalein-Tetramethyl benzidine	PTMB
Kastle Meyer	KM	Prostate Specific Antigen	PSA
Leucomalachite Green	LMG	Tetramethyl benzidine	TMB
Microscopic	Micro		

**Example**

Please indicate the Test(s) Performed on the corresponding line for each type of screening.

Item	Positive	Negative	Inconclusive	Not Tested	Test(s) Performed
Blood	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	KM, O-tol, PTMB
Semen	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	PSA
Saliva	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Other (specify) _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

	Positive	Negative	Inconclusive	Not Tested	Test(s) Performed
<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>	<i>e</i>	10,11	15,16	8	12,13	7	8
	<i>sp</i>	12,13	15,17	8,17	11	14,15	11,13
<b>B</b>	[10],[11],12,13	15,[16],17	8,17	[11],12,13	7,14,15	8,11,13	

**\*\*Please note Data Sheet Changes\*\***

As a reminder, the data sheet has been updated to include loci from the following amplification kits: GlobalFiler™, Powerplex® Fusion and Powerplex® Y23. If a locus is not listed on one of the following four pages of this data sheet, use the "Additional DNA Results" table below to report those results.

**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.**

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

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

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

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

<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="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<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="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<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="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<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="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

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

Other \_\_\_\_\_

<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="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>	<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="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>	<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="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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



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

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

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

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

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

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

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

<b>ITEM</b>	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
<b>3</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>3</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>3</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>3</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 3:** Please check all the brands that apply for this item and record any kit specific information in the blank provided (i.e. Plus, 23, etc.).

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

Other \_\_\_\_\_

<b>ITEM</b>	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
<b>3</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>3</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>3</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please return all pages of this data sheet.

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

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

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

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

<b>ITEM</b>	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
<b>4</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>4</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>4</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>4</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 4:** Please check all the brands that apply for this item and record any kit specific information in the blank provided (i.e. Plus, 23, etc.).

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

Other \_\_\_\_\_

<b>ITEM</b>	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
<b>4</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>4</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>4</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

**Part II (continued): Mitochondrial Sequencing Results**

List the bases sequenced and base position deviations from the standard Anderson sequence for each item.

		Item 1	Item 2	Item 3	Item 4
Hypervariable Region I (HVR I)	Bases Sequenced				
	Deviations				
Hypervariable Region II (HVR II)	Bases Sequenced				
	Deviations				

If additional space is needed, copy this page or attach your own form following this layout

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

**Part III: DNA INTERPRETATION**

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

<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>			
	Item 3	Item 4		Item 3	Item 4
<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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**Return Instructions:** Data must be received via online data entry, fax (please include a cover sheet), or mail by *May 04, 2015* to be included in the report.

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

ONLINE DATA ENTRY: [www.cts-portal.com](http://www.cts-portal.com)  
 FAX: +1-571-434-1937  
 or Toll-Free: 1-866-FAX-2CTS (329-2287)

MAIL: Collaborative Testing Services, Inc.  
 P.O. Box 650820  
 Sterling, VA 20165-0820 USA

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

Collaborative Testing Services ~ Forensic Testing Program

**RELEASE OF DATA TO ACCREDITATION BODIES**

The following Accreditation Releases will apply only to:

Participant Code:

WebCode:

for Test No. **15-572: Forensic Biology**

This release page must be completed and received by **May 4, 2015** to have this participant's submitted data included in the reports forwarded to the respective Accreditation Bodies.

**ASCLD/LAB RELEASE**

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

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

ASCLD/LAB Legacy Certificate No. \_\_\_\_\_ ASCLD/LAB International Certificate No. \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

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

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

**ANAB RELEASE**

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

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

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

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

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

**Accreditation Release**

**Return Instructions**

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

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

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

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