



## **Forensic Biology Test No. 17-5702 Summary Report**

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This proficiency test was sent to 802 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 700 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, dark gray material (Item 3) and one on clean, blue/white striped material (Item 4). Participants were requested to analyze these items using their existing protocols.

**SAMPLE PREPARATION:** All four stains were prepared from human whole blood which was either drawn into citric acid preservative blood bags or EDTA tubes. Items 1 (75  $\mu$ l) and 4 (50  $\mu$ l) were created using blood collected from a single male donor. Items 2 (75  $\mu$ l) and 3 (50  $\mu$ l) were created using blood collected from a single female donor. Stains from different sources were prepared at separate times and were packaged once they were thoroughly dried. Completed sample sets were stored at -20°C until shipment on March 07, 2017 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 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 from predistribution laboratories and a consensus of at least 10 participants.</i>						
Item	<b>D1S1656</b>	<b>D2S1338</b>	<b>D2S441</b>	<b>D3S1358</b>	<b>D4S2408</b>	<b>D5S818</b>
	<b>D6S1043</b>	<b>D7S820</b>	<b>D8S1179</b>	<b>D9S1122</b>	<b>D10S1248</b>	<b>D12S391</b>
	<b>D13S317</b>	<b>D16S539</b>	<b>D17S1301</b>	<b>D18S51</b>	<b>D19S433</b>	<b>D20S482</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	11,16	19,21	10,11	15,15	*	11,12
	12,14	10,12	10,14	*	12,14	19,20
	11,11	9,12	*	15,22	13,13	*
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	
2	16,17.3	17,20	11,14	11,16	*	11,13
	11,11	10,12	13,13	*	12,17	17.3,20
	8,10	12,12	*	15,15	13,14	*
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
3	16,17.3	17,20	11,14	11,16	*	11,13
	11,11	10,12	13,13	*	12,17	17.3,20
	8,10	12,12	*	15,15	13,14	*
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
4	11,16	19,21	10,11	15,15	*	11,12
	12,14	10,12	10,14	*	12,14	19,20
	11,11	9,12	*	15,22	13,13	*
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	

<i>YSTR Results</i>											
<i>Results compiled from predistribution laboratories and a consensus of at least 10 participants.</i>											
Item	<b>DYF387S1</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>DYS449</b>	<b>DYS456</b>	<b>DYS458</b>	<b>DYS460</b>	<b>DYS481</b>	<b>DYS505</b>	<b>DYS518</b>	
	<b>DYS522</b>	<b>DYS533</b>	<b>DYS549</b>	<b>DYS570</b>	<b>DYS576</b>	<b>DYS612</b>	<b>DYS627</b>	<b>DYS635</b>	<b>DYS643</b>	<b>YGATAH4</b>	<b>Y Indel</b>
1	35,38	17	11,12	14	29	24	9	11	13	15	
	10	12	21	29	14	17	10	23	*	34	
	*	12	9	18	17	*	20	21	12	11	2
4	35,38	17	11,12	14	29	24	9	11	13	15	
	10	12	21	29	14	17	10	23	*	34	
	*	12	9	18	17	*	20	21	12	11	2

\* Results were not received by a minimum of 10 participants for the STR or YSTR loci indicated.

## Manufacturer's Information, continued

### Mitochondrial DNA Sequencing Results

#### **Nucleotide Ranges Tested**

*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>73-340</b>	<b>16024-16365</b>
<b>2</b>	<b>73-340</b>	<b>16024-16365</b>
<b>3</b>	<b>73-340</b>	<b>16024-16365</b>
<b>4</b>	<b>73-340</b>	<b>16024-16365</b>

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

*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.*

	73.0	151.0	152.0	182.0	186.0	189.0	195.0	198.0	247.0	263.0	297.0	315.1	316.0	471.0	523.0	524.0	16169.0	16187.0	16189.0	16223.0	16265.0	16278.0	16286.0	16294.0	16295.0	16311.0	16360.0	16519.0	16527.0
<b>ITEM 1</b>	G	T	C	T	A	C	C	T	A	G	G	C	A	C	DEL	DEL	T	T	C	T	C	T	G	T	T	C	T	C	T

	263.0	315.1	16519.0
<b>ITEM 2</b>	G	C	C

	263.0	315.1
<b>ITEM 3</b>	G	C

	73.0	151.0	152.0	182.0	186.0	189.0	195.0	198.0	247.0	263.0	297.0	315.1	316.0	16169.0	16187.0	16189.0	16223.0	16265.0	16278.0	16286.0	16294.0	16295.0	16311.0	16360.0
<b>ITEM 4</b>	G	T	C	T	A	C	C	T	A	G	G	C	A	T	T	C	T	C	T	G	T	T	C	T

## Summary Comments

The 17-5702 Forensic Biology test was designed to allow participants to assess their proficiency in the identification and comparison of dried stains by means of body fluid screening and/or DNA profiling. Participants were supplied with two "known" bloodstains (Items 1 and 2) and two "questioned" stains (Items 3 and 4). Items 1 and 4 were each created using blood collected from the same male donor. Items 2 and 3 were each created using blood collected from the same female donor. (See Manufacturer's Information for preparation details)

Data were returned by a total of 700 participants, of these, 639 reported serology results, and 660 reported DNA results.

### Screening Test Results:

For Item 3, all 626 who returned results for blood reported "Positive". All 326 who returned results for semen reported "Negative". For the presence of saliva, 121 participants reported "Negative", and four reported "Inconclusive".

For Item 4, all 626 who returned results for blood reported "Positive". All 325 who returned results for semen reported "Negative". For the presence of saliva, 124 participants reported "Negative", and four reported "Inconclusive".

### DNA Analysis Results

Of the 660 participants that returned DNA results, 30 did not report any DNA interpretations. Of these, 25 participants stated that they analyzed samples for database purposes only.

For the Item 3 stain, 628 excluded the victim (Item 1), one participant offered no interpretation and one other participant submitted no response for this item. All 630 participants included the suspect (Item 2) as a possible contributor to this stain.

For the Item 4 stain, all 630 participants included the victim (Item 1) as a possible contributor to the stain. There were 628 participants that excluded the suspect (Item 2) as a possible contributor, while two participants submitted no response for this item.

Eight participants reported allelic results that differed from the consensus/predistribution results. Of these, six reported inconsistent alleles at one or more loci and two reported additional alleles at one or more loci.

One reporting difference noted is that at the D3S1358 locus, consensus was found to be "11,16", however, 24 participants reported "<12,16" for Items 2 and/or 3. It was found that a majority of the labs that reported "<12,16" used Identifiler (Plus), which has a ladder for this locus that ends at 12. Another trend noted was that 17 participants stated in the Additional Comments section that only "8,8" was found when using the MiniFiler amplification kit for D13S317 with Items 2 and 3. A few of these participants mentioned the possibility of a primer binding mutation. All of these participants also reported using another amplification kit and reported the consensus result of "8,10" in the STR results section.

## 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 (Items 3 & 4).

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
22VQAJ					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
24E3NE					
Item 3	Pos	Kastle Meyer	NT	NT	
Item 4	Pos	Kastle Meyer	NT	NT	
27C2BT					
Item 3	Pos	KM	NT	NT	Human, Pos plexor h/y
Item 4	Pos	KM	NT	NT	Human, Pos plexor h/y
2AU4RY					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
2B4E3A					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
2BMC79					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
2C3F92					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
2GBWAP					
Item 3	Pos	Hemastix	NT	NT	
Item 4	Pos	Hemastix	NT	NT	
2H6MF4					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
2KCPU9					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
2MBELF					
Item 3	Pos	LMG	Neg AP	Neg	RSID-Saliva
Item 4	Pos	LMG	Neg AP	Neg	RSID-Saliva
2QFTK8					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
2QGL69					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
2VQX7F					
Item 3	Pos	KM	Neg AP, PSA, Micro	Neg	Phadebas
Item 4	Pos	KM	Neg AP, PSA, Micro	Neg	Phadebas
2WPKUE					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
2XG84M					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg	Phadebas
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg	Phadebas
2YZPR3					
Item 3	Pos	KM	Neg AP, PSA, ALS, Micro	NT	
Item 4	Pos	KM	Neg AP, PSA, ALS, Micro	NT	
2ZYBXL					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
32FQYU					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
32XUHT					
Item 3	Pos	KM, Takayama	NT	NT	
Item 4	Pos	KM, Takayama	NT	NT	
34EM7V					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	



TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
34GWEZ					
Item 3	Pos	TMB, ABA, Takayama	NT	NT	
Item 4	Pos	TMB, ABA, Takayama	NT	NT	
34JLKH					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
34PNLN					
Item 3	Pos	KM, ABACard	NT	NT	
Item 4	Pos	KM, ABACard	NT	NT	
372YUK					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
37KKNV					
Item 3	Pos	KM, HemaTrace	Neg PSA, Micro	Neg RSID	Male DNA, Neg Y-Screening
Item 4	Pos	KM, HemaTrace	Neg PSA, Micro	Neg RSID	Male DNA, Pos Y-Screening
39VHDY					
Item 3	Pos	KM	Neg PSA	NT	
Item 4	Pos	KM	Neg PSA	NT	
39Y6TR					
Item 3	Pos	TMB, HemaTrace	Neg AP, PSA, Micro	NT	
Item 4	Pos	TMB, HemaTrace	Neg AP	NT	
3B4L2V					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
3DAZQA					
Item 3	Pos	KM, Takayama	Neg AP	NT	
Item 4	Pos	KM, Takayama	Neg AP	NT	
3EJZHA					
Item 3	Pos	KM, HemaTrace	Neg TMP	NT	
Item 4	Pos	KM, HemaTrace	Neg TMP	NT	
3G2K34					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
3G6J9T						
Item 3	Pos	LMG, RSID-B	Neg	AP, RSID-SE	Neg	RSID-SA
Item 4	Pos	LMG, RSID-B	Neg	AP, RSID-SE	Neg	RSID-SA
3H29UF						
Item 3	Pos	LMG, HemaTrace	Neg	Brentamine	NT	
Item 4	Pos	LMG, HemaTrace	Neg	Brentamine	NT	
3HCYFY						
Item 3	Pos	Hem Pos				
Item 4	Pos	Hem Pos				
3HFWVG						
Item 3	Pos	KM, HemaTrace	NT		NT	
Item 4	Pos	KM, HemaTrace	NT		NT	
3J28B4						
Item 3	Pos	KM, HemaTrace	Neg	ALS, AP, Micro, PSA	NT	
Item 4	Pos	KM, HemaTrace	Neg	ALS, AP, Micro, PSA	NT	
3LMZ2C						
Item 3	Pos	TMB, HemaTrace	Neg	ALS, AP	NT	
Item 4	Pos	TMB, HemaTrace	Neg	ALS, AP	NT	
3QQ7D9						
Item 3	Pos	KM, HemaTrace	Neg	ALS, AP	Neg	ALS, SALigAE
Item 4	Pos	KM, HemaTrace	Neg	ALS, AP	Neg	ALS, SALigAE
3QTMKF						
Item 3	Pos	KM	NT		NT	
Item 4	Pos	KM	NT		NT	
3RLRZ9						
Item 3	Pos	HemaTrace	NT		NT	
Item 4	Pos	HemaTrace	NT		NT	
3RUMW2						
Item 3	Pos	TMB	Neg	ALS, AP	NT	
Item 4	Pos	TMB	Neg	ALS, AP	NT	
3TZZ7M						
Item 3	Pos	HemaTrace	NT		NT	
Item 4	Pos	HemaTrace	NT		NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
3VLZ74					
	Item 3	Pos KM	Neg ALS, AP	NT	
	Item 4	Pos KM	Neg ALS, AP	NT	
3WLME3					
	Item 3	Pos Hemastix	NT	NT	
	Item 4	Pos Hemastix	NT	NT	
3XU2JM					
	Item 3	Pos PTMB, HemaTrace	Neg AP, PSA	Neg Phadebas	Urine, Neg Uritrace
	Item 4	Pos PTMB, HemaTrace	Neg AP, PSA	Neg Phadebas	Urine, Neg Uritrace
3YUUL2					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
3YVRWX					
	Item 3	Pos KM	Neg AP, Micro	NT	
	Item 4	Pos KM	Neg AP, Micro	NT	
3Z3E2P					
	Item 3	Pos KM	Neg AP	NT	
	Item 4	Pos KM	Neg AP	NT	
44FEZ2					
	Item 3	Pos KM	Neg AP	Neg Phadebas	
	Item 4	Pos KM	Neg AP	Neg Phadebas	
44WJ6T					
	Item 3	Pos KM, HemaTrace	NT	NT	
	Item 4	Pos KM, HemaTrace	NT	NT	
467Q8L					
	Item 3	Pos PTMB	NT	NT	
	Item 4	Pos PTMB	NT	NT	
46DQG3					
	Item 3	Pos TMB	Neg ALS, AP	NT	
	Item 4	Pos LMG	Neg ALS, AP	NT	
46TXU8					
	Item 3	Pos KM, HemaTrace	Neg ALS, AP	NT	
	Item 4	Pos KM, HemaTrace	Neg ALS	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
49L7RL					
	Item 3	Pos ABACard HemaTrace	NT	NT	
	Item 4	Pos ABACard HemaTrace	NT	NT	
4AMW7G					
	Item 3	Pos KM	Neg AP, Micro	Neg Phadebas	
	Item 4	Pos KM	Neg AP, Micro	Neg Phadebas	
4AMX6L					
	Item 3	Pos KM, ABACard	NT	NT	
	Item 4	Pos KM, ABACard	NT	NT	
4CVXHF					
	Item 3	Pos O-tol	Neg AP, Micro, PSA	Neg Amylase	
	Item 4	Pos O-tol	Neg AP, Micro, PSA	Neg Amylase	
4JA4TD					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
4K79KE					
	Item 3	Pos LMG	Neg AP	Neg RSID-Saliva	
	Item 4	Pos LMG	Neg AP	Neg RSID-Saliva	
4MPKYB					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
4RKC78					
	Item 3	Pos O-tol, HemaTrace	NT	NT	
	Item 4	Pos O-tol, HemaTrace	NT	NT	
4TCRNP					
	Item 3	Pos KM, HemaTrace	Neg AP, p30, Micro	Neg SALLgAE	
	Item 4	Pos KM, HemaTrace	Neg AP, p30, Micro	Neg SALLgAE	
4V9EMU					
	Item 3	Pos KM, HemaTrace	NT	NT	
	Item 4	Pos KM, HemaTrace	NT	NT	
4VLBNR					
	Item 3	Pos TMB, IR	Neg ALS, AP	NT	
	Item 4	Pos TMB, IR	Neg ALS, AP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
4WATHX					
Item 3	Pos	KM, Takayama, HemaTrace	Neg AP	NT	Human Origin, Pos HemaTrace, PlexorHY
Item 4	Pos	KM, Takayama, HemaTrace	Neg AP	NT	Human Origin, Pos HemaTrace, PlexorHY
4WX7C6					
Item 3	Pos	KM, Takayama	Neg AP	NT	
Item 4	Pos	KM, Takayama	Neg AP	NT	
4YM6WV					
Item 3	Pos	KM	Neg AP, Micro, p30 ABACard	Neg Amylase Radial Diffusion	
Item 4	Pos	KM	Neg AP, Micro, p30 ABACard	Neg Amylase Radial Diffusion	
628KE2					
Item 3	Pos	TMB, PHT	Neg AP, ALS	NT	Human, Pos HemaTrace
Item 4	Pos	TMB, PHT	Neg AP, ALS	NT	Human, Pos HemaTrace
62BY9P					
Item 3	Pos	Hemastix, HemaTrace	Neg AP, p30, Micro	Neg RSID	
Item 4	Pos	Hemastix, HemaTrace	Neg AP, p30	Neg RSID	
63VX3L					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
649PTH					
Item 3	Pos	Phen, OBTI	NT	NT	
Item 4	Pos	Phen, OBTI	NT	NT	
67GQ6F					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
694FEL					
Item 3	Pos	PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos	PTMB, HemaTrace	Neg AP, PSA	Neg Phadebas	Urine, Neg Uritrace
69LHWU					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
6AW8DK					
Item 3	Pos	ABACard HemaTrace	NT	NT	
Item 4	Pos	ABACard HemaTrace	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
6G6LEH					
Item 3	Pos	TMB, HemaTrace	Neg AP	Neg	RSID-Saliva
Item 4	Pos	TMB, HemaTrace	Neg AP, PSA, Micro	Neg	RSID-Saliva
6HTBAU					
Item 3	Pos	PTMB	NT	NT	
Item 4	Pos	PTMB	NT	NT	
6J6CFW					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
6KHEBN					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
6L8XT2					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
6NMWTH					
Item 3	Pos	h/t, TMB	Neg AP, Micro, PSA	Neg	RSID-Saliva
Item 4	Pos	H/T, TMB	Neg AP	Neg	RSID-Saliva
6PEYBR					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
6PTFFT					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
6U2FJQ					
Item 3	Pos	Hexagon OBTI	Neg PSA	Neg	Phadebas Amylase
Item 4	Pos	Hexagon OBTI	Neg PSA	Neg	Phadebas Amylase
6UBGVY					
Item 3	Pos	KM	Neg ALS, FBB	NT	
Item 4	Pos	KM	Neg ALS, FBB	NT	
6X93M2					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
6YJ3JV					
	Item 3	Pos LMG	NT	NT	
	Item 4	Pos LMG	NT	NT	
6YXFYR					
	Item 3	Pos KM, HemaTrace	Neg AP	NT	
	Item 4	Pos KM, HemaTrace	Neg AP	NT	
6ZB9VF					
	Item 3	Pos KM, RSID-Blood, HemaTrace	NT	NT	
	Item 4	Pos KM, RSID-Blood, HemaTrace	NT	NT	
76QQYH					
	Item 3	Pos TMB	NT	NT	
	Item 4	Pos TMB	NT	NT	
7DPV6C					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
7EQLFZ					
	Item 3	Pos KM, HemaTrace	Neg ALS, AP, PSA	NT	
	Item 4	Pos KM, HemaTrace	Neg ALS, AP, PSA	NT	
7EU6JV					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
7F8MUN					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
7M2XG6					
	Item 3	Pos KM	Neg AP, PSA	NT	
	Item 4	Pos KM	NT	NT	
7MJRD9					
	Item 3	Pos ABA Heme	Neg PSA, Micro	NT	
	Item 4	Pos ABA Heme	Neg PSA, Micro	NT	
7MMFTQ					
	Item 3	Pos LMG	NT	NT	
	Item 4	Pos LMG	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
7NF63L					
Item 3	Pos	KM	Neg ALS, PSA	Neg Amylase	
Item 4	Pos	KM	Neg ALS, PSA	Neg Amylase	
7PDL8W					
Item 3	Pos	KM	Neg ALS, AP, Micro	Neg Phadebas	Human DNA detected, Pos Quantifiler Trio
Item 4	Pos	KM	Neg ALS, AP, Micro	Neg Phadebas	Human DNA detected, Pos Quantifiler Trio
7RFGXL					
Item 3	Pos	KM	Neg AP, Micro for Sperm	NT	
Item 4	Pos	KM	Neg AP, Micro for Sperm	NT	
7RRD4Q					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
7TNQT4					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP	NT	Biological fluid screen, Neg ALS
Item 4	Pos	KM, HemaTrace	Neg ALS, AP	NT	Biological fluid screen, Neg ALS
7UL2LL					
Item 3	Pos	KM+	Neg AP-, Micro - for Sperm	NT	
Item 4	Pos	KM+	Neg AP-, Micro - for Sperm	NT	
7UZCCD					
Item 3	Pos	KM, ABACard	NT	NT	
Item 4	Pos	KM, ABACard	NT	NT	
7X63WZ					
Item 3	Pos	Luminol, KM, HemDirect, Takayama	Neg ALS, AP, Micro	Neg Amylase Diffusion	
Item 4	Pos	KM	Neg ALS, AP	Neg Amylase Diffusion	
7ZRJ8T					
Item 3	Pos	TMB, HemaTrace	Neg ALS, AP		
Item 4	Pos	KM, HemaTrace	Neg ALS, AP		
82G9UT					
Item 3	Pos	RSID	Neg RSID	Neg RSID	
Item 4	Pos	RSID	Neg RSID	Neg RSID	



TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
86KVTH					
Item 3	Pos	KM	NT	NT	Human Origin, Pos Quantifiler Human
Item 4	Pos	KM	NT	NT	Human Origin, Pos Quantifiler Human
86WTPL					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
86YZW3					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
876KK3					
Item 3	Pos	LMG, HemaTrace	Neg AP, Micro, PSA	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP, Micro, PSA	NT	
879LNU					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
87QJVZ					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
89D6HW					
Item 3	Pos	KM	Neg AP	Neg Phadebas	
Item 4	Pos	KM	Neg AP	Neg Phadebas	
89XWG9					
Item 3	Pos	Kastle Meyer	Neg AP, PSA, Mciro	Neg Phadebas	
Item 4	Pos	Kastle Meyer	Neg AP, PSA, Micro	Neg Phadebas	
8BZUPF					
Item 3	Pos	HemaTrace	Neg ALS	NT	
Item 4	Pos	HemaTrace	Neg ALS	NT	
8GNNGL					
Item 3	Pos	KM, TMB	NT	NT	
Item 4	Pos	KM, TMB	NT	NT	
8H2QE2					
Item 3	Pos	Hemastix, HemaTrace	Neg AP	NT	
Item 4	Pos	Hemastix, HemaTrace	Neg AP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
8JLLKN					
	Item 3	Pos KM			
	Item 4	Pos KM			
8JXPME					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
8KA6FU					
	Item 3	Pos TMB	Neg ALS, AP	NT	Species Origin, Pos HemaTrace
	Item 4	Pos TMB	Neg ALS, AP	NT	Species Origin, Pos HemaTrace
8M2BNX					
	Item 3	Pos TMB	Neg ALS, AP	NT	
	Item 4	Pos TMB	Neg ALS, AP	NT	
8M4Y8W					
	Item 3	Pos KM	Neg ALS, AP, Micro	Neg Phadebas	Human DNA detected, Pos Quantifiler Trio
	Item 4	Pos KM	Neg ALS, AP, Micro	Neg Phadebas	Human DNA detected, Pos Quantifiler Trio
8NU6JG					
	Item 3	Pos LMG; HemaTrace	NT	NT	
	Item 4	Pos LMG; HemaTrace	NT	NT	
8RCDLM					
	Item 3	Pos KM	Neg AP, Micro	NT	
	Item 4	Pos KM	Neg AP, Micro	NT	
8RPR6P					
	Item 3				Male DNA, Neg Y-Screening
	Item 4				Male DNA, Pos Y-Screening
8T64R2					
	Item 3	Pos KM	Neg AP	Neg Phadebas	
	Item 4	Pos KM	Neg AP	Neg Phadebas	
8TJQ4N					
	Item 3	Pos KM, Takayama, HemaTrace	NT	NT	Human, Pos HemaTrace, Plexor HY
	Item 4	Pos KM, Takayama, HemaTrace	NT	NT	Human, Pos HemaTrace, Plexor HY

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
<b>8TNWZQ</b>					
Item 3	<b>Pos</b>	TMB, HemaTrace	<b>Neg</b> AP, Micro, p30	<b>Neg</b> Amylase Diffusion	
Item 4	<b>Pos</b>	TMB, HemaTrace	<b>Neg</b> AP, Micro, p30	<b>Neg</b> Amylase Diffusion	
<b>8W3QJ4</b>					
Item 3	<b>Pos</b>	KM, HemaTrace	<b>NT</b>	<b>NT</b>	
Item 4	<b>Pos</b>	KM, HemaTrace	<b>NT</b>	<b>NT</b>	
<b>8WNC2L</b>					
Item 3	<b>Pos</b>	KM	<b>NT</b>	<b>NT</b>	
Item 4	<b>Pos</b>	KM	<b>NT</b>	<b>NT</b>	
<b>8WUF3R</b>					
Item 3	<b>Pos</b>	O-tol	<b>Neg</b> AP, Micro	<b>Neg</b> RSID	
Item 4	<b>Pos</b>	O-tol	<b>Neg</b> AP, Micro	<b>Neg</b> RSID	
<b>8ZLQQW</b>					
Item 3	<b>Pos</b>	TMB	<b>Neg</b> ALS, AP	<b>NT</b>	
Item 4	<b>Pos</b>	TMB	<b>Neg</b> ALS, AP	<b>NT</b>	
<b>8ZNEAW</b>					
Item 3	<b>Pos</b>	KM	<b>NT</b>	<b>NT</b>	
Item 4	<b>Pos</b>	KM	<b>NT</b>	<b>NT</b>	
<b>92YFUA</b>					
Item 3	<b>Pos</b>	KM	<b>NT</b>	<b>NT</b>	
Item 4	<b>Pos</b>	KM	<b>NT</b>	<b>NT</b>	
<b>938TCB</b>					
Item 3	<b>Pos</b>	Red-brown, ppth, O-tol	<b>Neg</b> AP	<b>NT</b>	
Item 4	<b>Pos</b>	Red-brown, ppth, O-tol	<b>Neg</b> AP	<b>NT</b>	
<b>93TJ8G</b>					
Item 3	<b>Pos</b>	KM, ABACard HemaTrace	<b>NT</b>	<b>NT</b>	
Item 4	<b>Pos</b>	KM, ABACard HemaTrace	<b>NT</b>	<b>NT</b>	
<b>96FZKV</b>					
Item 3	<b>Pos</b>	KM	<b>NT</b>	<b>NT</b>	
Item 4	<b>Pos</b>	KM	<b>NT</b>	<b>NT</b>	
<b>982P23</b>					
Item 3	<b>Pos</b>	KM	<b>NT</b>	<b>NT</b>	
Item 4	<b>Pos</b>	KM	<b>NT</b>	<b>NT</b>	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
982WYN					
	Item 3	Pos TMB	Neg AP, ALS	NT	
	Item 4	Pos TMB	Neg AP, ALS	NT	
98XAHA					
	Item 3	Pos TMB	Neg AP, ALS, PSA, & Micro	NT	
	Item 4	Pos TMB	Neg AP, ALS, PSA, & Micro	NT	
98ZYNR					
	Item 3	Pos KM, HemaTrace	NT	NT	
	Item 4	Pos KM, HemaTrace	NT	NT	
9A4TBB					
	Item 3	Pos LMG, HT	NT	NT	
	Item 4	Pos LMG, HT	NT	NT	
9A93KP					
	Item 3	Pos TMB	Neg ALS, AP	NT	
	Item 4	Pos TMB	Neg ALS, AP	NT	
9BZ4L7					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
9CADYB					
	Item 3	Pos LMG	NT	NT	
	Item 4	Pos LMG	NT	NT	
9D6RNP					
	Item 3	Pos KM, HemaTrace	Neg PSA, Micro	Neg RSID	Male DNA, Inc Y-Screen
	Item 4	Pos KM, HemaTrace	Neg PSA, Micro	Neg RSID	Male DNA, Pos Y-Screen
9DQ8GY					
	Item 3	NT	Neg AP	NT	
	Item 4	NT	Neg AP	NT	
9FBMKU					
	Item 3	Pos Hemastix			
	Item 4	Pos Hemastix			
9H2CXZ					
	Item 3	Pos KM	Neg ALS, AP	NT	
	Item 4	Pos KM	Neg ALS, AP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
9H36TR					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
9H48C6					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
9MAMY8					
Item 3	Pos	TMB, HemaTrace	Neg	ALS, AP	NT
Item 4	Pos	TMB, HemaTrace	Neg	ALS, AP	NT
9MCD7P					
Item 3	Pos	TMB, MICRO	NT	NT	
Item 4	Pos	TMB, MICRO	NT	NT	
9P33CJ					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
9ZK6PP					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
A2UKLM					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
A37CGP					
Item 3	Pos	KM, Takayama	Neg	AP	NT
Item 4	Pos	KM, Takayama	Neg	AP	NT
A6CX9W					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
A734M2					
Item 3	Pos	KM, Takayama	NT	NT	
Item 4	Pos	KM, Takayama	NT	NT	
A8DUM6					
Item 3	Pos	KM	Neg	AP, PSA, Micro	Neg Phadebus
Item 4	Pos	KM	Neg	AP, PSA, Micro	Neg Phadebus

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
A9T8F9					
Item 3	Pos	KM, Takayama	Neg AP, Micro, p30	Neg Amylase Radial Diffusion	
Item 4	Pos	KM, Takayama	Neg AP, Micro, p30	Neg Amylase Radial Diffusion	
AAFVBL					
Item 3	Pos	KM, Takayama	Neg AP	Neg Phadebas	Human Origin, Pos Plexor HY
Item 4	Pos	KM, HemaTrace	Neg AP	Neg RSID	Human Origin, Pos Plexor HY, HemaTrace
ABJ47N					
Item 3	Pos	TMB, HemaTrace	Neg AP, PSA, Micro	Neg Amylase Diffusion	
Item 4	Pos	TMB, HemaTrace	Neg AP, PSA, Micro	Neg Amylase Diffusion	
ACPXFT					
Item 3	Pos	HemDirect	NT	NT	
Item 4	Pos	HemDirect	NT	NT	
AE9C3W					
Item 3	Pos	LMG, HemaTrace	NT	NT	
Item 4	Pos	LMG, HemaTrace	NT	NT	
AFP43K					
Item 3	NT		NT	NT	Human, Pos Quant Duo
Item 4	NT		NT	NT	Human, Pos Quant Duo
AJWDCV					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
AK4RN4					
Item 3	Pos	O-tol, HemaTrace	NT	NT	
Item 4	Pos	O-tol, HemaTrace	NT	NT	
AKMF7X					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
AMQMFV					
Item 3	Pos	LMG, Ouchterlony (anti hg-hb)	NT	Neg Amylase Radial Diffusion	
Item 4	Pos	LMG, Ouchterlony (anti hg-hb)	NT	Neg Amylase Radial Diffusion	
ANHBKQ					
Item 3	Pos	RSID	Neg RSID	Neg RSID	
Item 4	Pos	RSID	Neg RSID	Neg RSID	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
APC4FA					
	Item 3	Pos LMG, HemaTrace	NT	NT	
	Item 4	Pos LMG, HemaTrace	NT	NT	
AVLB4T					
	Item 3	Pos KM, HemaTrace, Takayama	NT	Neg RSID-Saliva	Human, Pos HemaTrace, Plexor HY
	Item 4	Pos KM, HemaTrace, Takayama	NT	Neg RSID-Saliva	Human, Pos HemaTrace, Plexor HY
AWD8V9					
	Item 3	Pos LMG, HemaTrace	Neg ALS, AP, PSA, Micro	NT	
	Item 4	Pos LMG, HemaTrace	Neg ALS, AP, PSA, Micro	NT	
AXWWAM					
	Item 3	Pos KM, Takayama	Neg AP	NT	
	Item 4	Pos KM, Takayama	Neg AP	NT	
AYKPRJ					
	Item 3	Pos KM	Neg AP, Micro for Sperm	NT	
	Item 4	Pos KM	Neg AP, Micro for Sperm	NT	
AZA38F					
	Item 3	Pos HemaTrace	NT	NT	
	Item 4	Pos HemaTrace	NT	NT	
AZX7ZQ					
	Item 3	Pos KM	Neg AP	NT	ALS, Neg ALS
	Item 4	Pos KM	Neg AP	NT	ALS, Neg ALS
B3EZ39					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
B48B3W					
	Item 3	Pos LMG, HemaTrace	Neg ALS, PSA, Micro	NT	
	Item 4	Pos LMG, HemaTrace	Neg ALS, PSA, Micro	NT	
B6JHEJ					
	Item 3	Pos KM, ABA HemaTrace	Neg	NT	
	Item 4	Pos KM, ABA HemaTrace	Neg AP	NT	
B7JHQ6					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
B8BPL2					
	Item 3	Pos O-tol	NT	NT	
	Item 4	Pos O-tol	NT	NT	
B8D8RD					
	Item 3	Pos LMG, HT	NT	Neg RSID	
	Item 4	Pos LMG, HT	NT	Neg RSID	
B8UTN4					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
BC78AE					
	Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
	Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
BDY3TG					
	Item 3	Pos KM, HemDirect	NT	NT	
	Item 4	Pos KM, HemDirect	NT	NT	
BGZF79					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
BH9KM4					
	Item 3	Pos TMB, HemaTrace	Neg ALS, AP	NT	
	Item 4	Pos TMB, HemaTrace	Neg ALS, AP		
BJ7KYW					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
BKHBD8					
	Item 3	Pos TMB	Neg ALS, AP	NT	Species Origin, Pos HemaTrace
	Item 4	Pos TMB	Neg ALS, AP	NT	Species Origin, Pos HemaTrace
BN47ZZ					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
BNJCGB					
	Item 3	Pos LMG, HemaTrace	Neg AP	NT	
	Item 4	Pos LMG, HemaTrace	Neg AP	NT	



TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
BPBNXV					
Item 3	<b>Pos</b>	Visual Examination, Luminol, Phenolphthalin, Takayama, HemDirect	<b>Neg</b> ALS, AP, Micro	<b>Neg</b> Amylase Diffusion	
Item 4	<b>Pos</b>	Visual Examination, Luminol, Phenolphthalin, Takayama, HemDirect	<b>Neg</b> ALS, AP, Micro	<b>Neg</b> Amylase Diffusion	
BRLDFL					
Item 3	<b>Pos</b>	KM, HemaTrace	<b>Neg</b> AP	<b>NT</b>	
Item 4	<b>Pos</b>	KM, HemaTrace	<b>Neg</b> AP	<b>NT</b>	
BRM3QB					
Item 3	<b>Pos</b>	KM	<b>NT</b>	<b>NT</b>	
Item 4	<b>Pos</b>	KM	<b>NT</b>	<b>NT</b>	
BU2ZH7					
Item 3	<b>Pos</b>	KM	<b>NT</b>	<b>NT</b>	
Item 4	<b>Pos</b>	KM	<b>NT</b>	<b>NT</b>	
BUKV98					
Item 3	<b>Pos</b>	KM	<b>NT</b>	<b>NT</b>	
Item 4	<b>Pos</b>	KM	<b>NT</b>	<b>NT</b>	
BWT3F8					
Item 3	<b>Pos</b>	TMB	<b>Neg</b> ALS, AP		
Item 4	<b>Pos</b>	TMB	<b>Neg</b> ALS, AP		
BX3488					
Item 3	<b>Pos</b>	KM	<b>Neg</b> PSA	<b>NT</b>	
Item 4	<b>Pos</b>	KM	<b>Neg</b> PSA	<b>NT</b>	
BX7H72					
Item 3	<b>Pos</b>	O-tol, HemaTrace			
Item 4	<b>Pos</b>	O-tol			
BYT82E					
Item 3	<b>Pos</b>	KM	<b>NT</b>	<b>NT</b>	
Item 4	<b>Pos</b>	KM	<b>NT</b>	<b>NT</b>	
C24BLH					
Item 3	<b>Pos</b>	KM	<b>NT</b>	<b>NT</b>	
Item 4	<b>Pos</b>	KM	<b>NT</b>	<b>NT</b>	
C2KM4M					
Item 3	<b>Pos</b>	TMB	<b>Neg</b> ALS; AP; PSA; Micro	<b>NT</b>	
Item 4	<b>Pos</b>	TMB	<b>Neg</b> ALS; AP; PSA; Micro	<b>NT</b>	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
C2XB9V					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
C4A2L7					
Item 3	Pos	TMB, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	TMB, HemaTrace	Neg ALS, AP	NT	
C4CG6X					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
C8PBTH					
Item 3	Pos	KM	NT	NT	Human, Pos Plexor HY
Item 4	Pos	KM	NT	NT	Human, Pos Plexor HY
C93U4Z					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA	Neg Phadebas	
CAVX7M					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
CB6UP6					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
CB9C6G					
Item 3	Pos	KM, Takayama	Neg AP	NT	
Item 4	Pos	KM, Takayama	Neg AP	NT	
CC6WRG					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
CCD3UJ					
Item 3	Pos	HemaTrace, KM	Neg Micro, PSA	Neg RSID	Male DNA, Neg Y-Screening
Item 4	Pos	HemaTrace, KM	Neg Micro, PSA	Neg RSID	Male DNA, Pos Y-Screening
CEVTHV					
Item 3	Pos	KM, Takayama	NT	NT	
Item 4	Pos	KM, Takayama	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
CGZJMQ					
Item 3	Pos	KM, Takayama, HemDirect, luminol	Neg AP, ALS	NT	
Item 4	Pos	KM, luminol	Neg AP, ALS	NT	
CM4MB4					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
CMJP66					
Item 3	Pos	KM	Neg PSA	NT	
Item 4	Pos	KM	Neg PSA	NT	
CPBPG9					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
CTJY4P					
Item 3	Pos	Hemastix			
Item 4	Pos	Hemastix			
CVALRR					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
CW8YDY					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
CX2ET3					
Item 3	Pos	O-tol, HT	NT	NT	
Item 4	Pos	O-tol, HT	NT	NT	
CX6VCU					
Item 3	Pos	LMG, TMB	Neg AP, ALS	NT	
Item 4	Pos	LMG, TMB	Neg AP, ALS	NT	
CYE8N6					
Item 3	Pos	TMB	Neg ALS, AP	NT	Species Origin, Pos HemaTrace
Item 4	Pos	TMB	Neg ALS, AP	NT	Species Origin, Pos HemaTrace
D4NK9N					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
D93D8U					
	Item 3	Pos KM, Takayama	Neg AP	NT	
	Item 4	Pos KM, Takayama	Neg AP	NT	
DBL9T9					
	Item 3	Pos KM, OBTI	Neg ALS, AP, PSA, Micro	Neg ALS, Phadebus	
	Item 4	Pos KM, OBTI	Neg ALS, AP, PSA, Micro	Neg ALS, Phadebus	
DCCHT3					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
DD9Y6Y					
	Item 3	Pos O-tol, HemaTrace	NT	NT	
	Item 4	Pos O-tol, HemaTrace	NT	NT	
DG8EDM					
	Item 3	Pos KM, HemDirect	Neg ALS, AP, Micro	Neg ALS, RSID	
	Item 4	Pos KM, HemDirect	Neg ALS, AP, Micro	Neg ALS, RSID	
DJDY2M					
	Item 3	Pos KM, RSID	Neg AP, PSA	Neg RSID	
	Item 4	Pos KM, RSID	Neg AP, PSA	Neg RSID	
DM23JU					
	Item 3	Pos TMB, PHT	Neg ALS, AP	NT	Human Origin, Pos HemaTrace
	Item 4	Pos TMB, PHT	Neg ALS, AP	NT	Human Origin, Pos HemaTrace
DQRPH8					
	Item 3	Pos KM	Neg ALS, AP, PSA, Micro	Neg Amylase	Y screen, Neg Alkaline lysis
	Item 4	Pos KM	Neg ALS, AP, PSA, Micro	Neg Amylase	Y screen, Pos Alkaline lysis
DR9WTV					
	Item 3	Pos KM, HemaTrace	Neg ALS, AP	Neg ALS	
	Item 4	Pos KM	Neg ALS, AP	Neg ALS	
DX4BBD					
	Item 3	Pos KM, Combur (TMB)	Neg AP, PSA	Neg Phadebas	
	Item 4	Pos KM, Combur (TMB)	Neg AP, PSA	Neg Phadebas	
E2QM4L					
	Item 3	Pos RSID	Neg RSID	Neg RSID	
	Item 4	Pos RSID	Neg RSID	Neg RSID	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
E2RHPD					
	Item 3	Pos LMG, HemaTrace	NT	NT	
	Item 4	Pos LMG, HemaTrace	NT	NT	
E2WYZJ					
	Item 3	Pos KM, Takayama	Neg AP	NT	
	Item 4	Pos KM, Takayama	Neg AP	NT	
E6RFQD					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
E6UG3R					
	Item 3	Pos TMB	Neg PSA	Neg Phadebas	Human Origin Hexagon OBTI, Quantifiler
	Item 4	Pos TMB	Neg PSA	Neg Phadebas	Human Origin Hexagon OBTI, Quantifiler
E7D4WT					
	Item 3	Pos Luminol, KM, Takayama, HemDirect, Visual Exam	Neg ALS, AP, Micro	Neg Amylase Diffusion	
	Item 4	Pos Luminol, KM, Takayama, HemDirect, Visual Exam	Neg ALS, AP, Micro	Neg Amylase Diffusion	
EA7DYE					
	Item 3	Pos TMB	Neg AP	NT	
	Item 4	Pos TMB	Neg AP	NT	
EAMLM9					
	Item 3	Pos LMG; HemaTrace	NT	NT	
	Item 4	Pos LMG; HemaTrace	NT	NT	
ECFFPJ					
	Item 3	Pos TMB, HemaTrace	Neg ALS, AP		
	Item 4	Pos TMB, HemaTrace	Neg ALS, AP		
EGQHM9					
	Item 3	Pos O-tol	Neg Micro, PSA, AP	Neg Seratec Amylase card	
	Item 4	Pos O-tol	Neg Micro, PSA, AP	Neg Seratec Amylase card	
EGTDZC					
	Item 3	Pos KM	Neg AP	NT	
	Item 4	Pos KM	Neg AP	NT	
EKB98B					
	Item 3	Pos LMG	NT	NT	
	Item 4	Pos LMG	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
ELLF3Q					
Item 3	Pos	KM, HemDirect, Takayama, Luminol	Neg AP, Micro, ALS	Neg Amylase Diffusion	
Item 4	Pos	KM, Luminol	Neg AP, ALS	Neg Amylase Diffusion	
EN83LE					
Item 3	Pos	LMG/HT	NT	NT	
Item 4	Pos	LMG/HT	NT	NT	
ENAUNF					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
EPG4QK					
Item 3	NT		NT	NT	Male Screening, Neg Plexor HY
Item 4	NT		NT	NT	Male Screening, Pos Plexor HY
EPVMD4					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
ERKYAN					
Item 3	Pos	KM, Takayama Reagent	Neg AP	NT	Human Origin, Pos Plexor HY
Item 4	Pos	KM, HemaTrace	Neg AP	NT	Human Origin, Pos HemaTrace, Plexor HY
ETDVC4					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
EUCRCY					
Item 3	Pos	O-tol			
Item 4	Pos	O-tol			
EUT7E3					
Item 3	Pos	LMG	Neg AP	Neg RSID-Saliva	
Item 4	Pos	LMG	Neg AP	Neg RSID-Saliva	
EUUU6T					
Item 3	Pos	LMG, TMB	Neg ALS, AP	NT	
Item 4	Pos	LMG, TMB	Neg ALS, AP	NT	
F262ZH					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
F27G79					
	Item 3	Pos KM	Neg AP, Micro	Neg Phadebas	
	Item 4	Pos KM	Neg AP, Micro	Neg Phadebas	
F2RT6G					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	Neg Phadebas	
F794CJ					
	Item 3	Pos PTMB, HemaTrace	Neg AP, PSA	Neg Phadebas tablet	Urine, Neg Uritrace
	Item 4	Pos PTMB, HemaTrace	Neg AP, PSA	Neg Phadebas tablet	Urine, Neg Uritrace
F7BRVH					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
FF8TYL					
	Item 3	Pos TMB	Neg ALS, AP	NT	Human Origin, Pos HemaTrace
	Item 4	Pos TMB	Neg ALS, AP	NT	Human Origin, Pos HemaTrace
FGHVM7					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
FKGF4B					
	Item 3	Pos LMG, HT	NT	NT	
	Item 4	Pos LMG, HT	NT	NT	
FMPFUB					
	Item 3	Pos LMG, HemaTrace	Neg AP	NT	
	Item 4	Pos LMG, HemaTrace	Neg AP	NT	
FMQ8RJ					
	Item 3	Pos LMG, TMB	Neg ALS, AP	NT	
	Item 4	Pos LMG, TMB	Neg ALS, AP	NT	
FMUKL8					
	Item 3	Pos KM, Combur (TMB)	Neg AP, PSA	Neg Phadebas	
	Item 4	Pos KM, Combur (TMB)	Neg AP, PSA	Neg Phadebas	
FMVM2D					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
FNK39Z					
Item 3	Pos	TMB, HemaTrace	Neg	ALS, AP mAP	NT
Item 4	Pos	TMB, HemaTrace	Neg	ALS, AP mAP	NT
FNLTEH					
Item 3	Pos	PTMB	NT		NT
Item 4	Pos	PTMB	NT		NT
FV2XBJ					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT
FWZRVF					
Item 3	Pos	KM, Takayama	Neg	AP	NT
Item 4	Pos	KM, Takayama	Neg	AP	NT
FXEYGW					
Item 3	Pos	KM, Takayama	Neg	AP	NT
Item 4	Pos	KM, Takayama	Neg	AP	NT
FYP4RZ					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT
G3VYW8					
Item 3	Pos	KM, OBTI	NT		NT
Item 4	Pos	KM, OBTI	NT		NT
G48P4Q					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT
G76YBF					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT
G8BH2V					
Item 3	Pos	ABA Heme	Neg	PSA, Micro	
Item 4	Pos	ABA Heme	Neg	PSA, Micro	
G8WV4F					
Item 3	Pos	O-tol	NT		NT
Item 4	Pos	O-tol	NT		NT



TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
GA3KXC					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
GBPDLY					
Item 3	Pos	KM	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM	Neg AP, PSA, Micro	Neg Phadebas	
GBRZ6Y					
Item 3	Pos	TMB	Neg ALS, AP	NT	Human Origin, Pos HemaTrace
Item 4	Pos	TMB	Neg ALS, AP	NT	Human Origin, Pos HemaTrace
GBTQCG					
Item 3	Pos	PTMB	NT	NT	
Item 4	Pos	PTMB	NT	NT	
GD4JGG					
Item 3	Pos	O-tol	NT	NT	
Item 4	Pos	O-tol	NT	NT	
GF4VXP					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
GG28TH					
Item 3	Pos	O-tol	Neg AP	NT	
Item 4	Pos	O-tol	Neg AP	NT	
GHDMLX					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
GJ6UGU					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP, PSA, Micro	Inc SAlIgAE	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP, PSA, Micro	Inc SAlIgAE	
GKFP68					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
GKXXX9					
Item 3	Pos	PTMB, HemaTrace	Neg p30, AP	NT	Urine, Neg Uritrace
Item 4	Pos	PTMB, HemaTrace	Neg p30, AP	NT	Urine, Neg Uritrace

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
GLXYM					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
GM3DG8					
Item 3	Pos	LMG, Seratec HemDirect	Neg AP, PSA, Micro, RSID-Semen, ALS	Neg RSID-Saliva	vaginal cells, Neg Micro (Lugol)
Item 4	Pos	LMG, Seratec HemDirect	Neg AP, PSA, Micro, RSID-Semen, ALS	Neg RSID-Saliva	vaginal cells, Neg Micro (Lugol)
GMDVUE					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
GQ6F4N					
Item 3	Pos	KM	Neg AP, ALS	NT	
Item 4	Pos	KM	Neg AP, ALS	NT	
GQJRXL					
Item 3	Pos	KM	Neg AP	Neg Phadebas	
Item 4	Pos	KM	Neg AP	Neg Phadebas	
GRCKT6					
Item 3	Pos	KM, OBTI	Neg AP, Micro, PSA	Neg Phadebas	
Item 4	Pos	KM, OBTI	Neg AP, Micro, PSA	Neg Phadebas	
GREZVR					
Item 3	Pos	LMG	Neg PSA, Micro	NT	
Item 4	Pos	LMG	Neg PSA, Micro	NT	
GV4K79					
Item 3	Pos	KM	Neg AP	Neg Phadebas	
Item 4	Pos	KM	Neg AP	Neg Phadebas	
GWDJLB					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
GYZ8XB					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
GZ9JED					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
H2LB69					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
H3A3JY					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
H47CZV					
Item 3	Pos	ABA Heme	Neg PSA, Micro	NT	
Item 4	Pos	ABA Heme	Neg PSA, Micro	NT	
H9JRCM					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
HCL7YX					
Item 3	Pos	TMB	Neg ALS, AP		
Item 4	Pos	TMB	Neg ALS, AP		
HDYDPL					
Item 3	Pos	HemDirect	NT	NT	
Item 4	Pos	HemDirect	NT	NT	
HERJQX					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
HFLAT6					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
HGE4UF					
Item 3	Pos	TMB, KM, HemaTrace	Neg AP, ALS	NT	
Item 4	Pos	TMB, KM, HemaTrace	Neg AP, ALS	NT	
HHTKTF					
Item 3	Pos	PTMB, HemaTrace	Neg ALS, AP, p30	Neg Phadebas	Urine, Neg Uritrace
Item 4	Pos	PTMB, HemaTrace	Neg ALS, AP, p30	Neg Phadebas	Urine, Neg Uritrace
HHUH4B					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
HL9ZFZ					
Item 3	Pos	LMG, HemaTrace	Neg AP (brentamine)	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP (brentamine)	NT	
HLN7T6					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
HPURMW					
Item 3	Pos	TMB, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	TMB, HemaTrace	Neg ALS, AP	NT	
HVQ3J9					
Item 3	Pos	hemochromogen	NT	NT	visual, Neg hair
Item 4	Pos	hemochromogen	NT	NT	visual, Neg hair
HYTDLG					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
J23ZRL					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
J6KXM4					
Item 3	Pos	KM, Combur (TMB)	Neg AP, PSA	Neg Phadebas	
Item 4	Pos	KM, Combur (TMB)	Neg AP, PSA	Neg Phadebas	
J6LWGC					
Item 3	Pos	KM, Takayama	Neg AP	NT	
Item 4	Pos	KM, Takayama	Neg AP	NT	
J8ZQZP					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
JABET3					
Item 3	Pos	KM, Takayama	Neg ALS, AP, Micro, p30	Inc ALS, Amylase Diffusion, Micro	
Item 4	Pos	KM, Takayama	Neg ALS, AP, Micro, p30	Inc ALS, Amylase Diffusion, Micro	
JB8RHF					
Item 3	Pos	PTMB, HemaTrace	Neg AP, PSA, ALS	NT	
Item 4	Pos	PTMB	Neg AP, ALS	Neg Phadebus tablets	Urine, Neg Uritrace

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
JFG2DQ					
Item 3	Pos	KM, Hexagon OBTI	NT	NT	
Item 4	Pos	KM, Hexagon OBTI	NT	NT	
JFTDZG					
Item 3	Pos				
Item 4	Pos				
JGX6EX					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
JH3TGF					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
JJVWXU					
Item 3	Pos	Tetra-Barium, Hexagon OBTI	Neg ALS	Neg ALS	
Item 4	Pos	Tetra-Barium, Hexagon OBTI	Neg ALS	Neg ALS	
JKFG27					
Item 3	Pos	KM, ABACard HemaTrace	NT	NT	
Item 4	Pos	KM, ABACard HemaTrace	NT	NT	
JLLTQU					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP	NT	
JNCVWH					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
JNREGF					
Item 3	Pos	TMB, Micro	NT	NT	
Item 4	Pos	TMB, Micro	NT	NT	
JPHTFP					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
JPNMVQ					
Item 3	Pos	TMB, HemaTrace	NT	NT	
Item 4	Pos	TMB, HemaTrace	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
JQFWD8					
	Item 3	Pos O-tol			
	Item 4	Pos O-tol			
JRAXKD					
	Item 3	Pos TMB	Neg PSA	NT	
	Item 4	Pos TMB	Neg PSA	NT	
JRPTV6					
	Item 3	Pos KM, OBTI	Neg ALS, AP, Micro, p30	Neg Phadebas	
	Item 4	Pos KM, OBTI	Neg ALS, AP, Micro, p30	Neg Phadebas	
JT2TRY					
	Item 3	Pos KM			
	Item 4	Pos KM			
JT832C					
	Item 3	Pos KM, Takayama	NT	NT	
	Item 4	Pos KM, Takayama	NT	NT	
JTMEC3					
	Item 3	Pos O-tol	Neg AP	Neg a-Amylase	
	Item 4	Pos O-tol	Neg AP	Neg a-Amylase	
JUD9FY					
	Item 3	Pos LMG, TMB	Neg ALS, AP	NT	
	Item 4	Pos LMG, TMB	Neg ALS, AP	NT	
JUHNTY					
	Item 3	Pos LMG, HemaTrace	Neg AP	NT	
	Item 4	Pos LMG, HemaTrace	Neg AP	NT	
JUZVWV					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
JVCLWY					
	Item 3	Pos KM Test	NT	NT	
	Item 4	Pos KM Test	NT	NT	
JW4L3B					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM, Takayama	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
JZ7BJY					
Item 3	Pos	TMB	Neg ALS, AP	NT	Species Origin, Pos HemaTrace
Item 4	Pos	TMB	Neg ALS, AP	NT	Species Origin, Pos HemaTrace
K4GYGZ					
Item 3	Pos	KM, O-tol, RSID-Blood, HemaTrace	NT	NT	
Item 4	Pos	KM, O-tol, RSID-Blood, HemaTrace	NT	NT	
K6EC28					
Item 3	NT		Neg AP	NT	
Item 4	NT		Neg AP	NT	
K6W8LU					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP	NT	
K7CBM2					
Item 3	Pos	Combur (TMB), KM	Neg PSA, AP	Neg Phadebas	
Item 4	Pos	Combur (TMB), KM	Neg PSA, AP	Neg Phadebas	
K8ZZHE					
Item 3	Pos	TMB, Takayama, HemaTrace	NT	NT	
Item 4	Pos	TMB, Takayama, HemaTrace	NT	NT	
K9BXTB					
Item 3	Pos	KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
KANGP2					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
KBEM2K					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
KDNJXB					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
KJRMNA					
Item 3	Pos	KM	NT	NT	Human Origin, Pos HemaTrace
Item 4	Pos	KM	NT	NT	Human Origin, Pos HemaTrace
KKAE2Z					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
KKTDXX					
Item 3	Pos	KM, HemaTrace	Neg AP, Micro, p30	Neg Radial Diffusion	
Item 4	Pos	KM, HemaTrace	Neg AP, Micro, p30	Neg Radial Diffusion	
KKZTW4					
Item 3	Pos	KM	Neg AP	Neg Phadebas	
Item 4	Pos	KM	Neg AP	Neg Phadebas	
KMNUQD					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
KN32EF					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
KQE9Y3					
Item 3	Pos	KM, RSID-Blood	NT	NT	
Item 4	Pos	KM, RSID-Blood	NT	NT	
KTFCF3					
Item 3	NT		NT	NT	Y-Screen, Neg Alkaline Lysis
Item 4	NT		NT	NT	Y-Screen, Pos Alkaline Lysis
KTNF6F					
Item 3	Pos	KM, Takayama	Neg AP	NT	
Item 4	Pos	KM, Takayama	Neg AP	NT	
KUU9WN					
Item 3	Pos	LMG, HemaTrace	Neg ALS, AP, PSA, Micro	NT	
Item 4	Pos	LMG, HemaTrace	Neg ALS, AP, PSA, Micro	NT	
KV3ANU					
Item 3	Pos	ABA heme	Neg PSA, Micro		
Item 4	Pos	ABA heme	Neg PSA, Micro		



TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
KXU3P4					
	Item 3	Pos O-tol	Neg AP	NT	
	Item 4	Pos O-tol	Neg AP	NT	
KXVXBV					
	Item 3	Pos KM	Neg AP, PSA, Micro	Neg Phadebas	
	Item 4	Pos KM	Neg AP, PSA, Micro	Neg Phadebas	
L36LEP					
	Item 3	Pos Hemastix(TMB), HemaTrace	Neg AP	NT	
	Item 4	Pos Hemastix(TMB), HemaTrace	Neg AP	NT	
L3QVNT					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
LALXP6					
	Item 3	Pos PTMB	Neg PSA	NT	Urine, Neg Uritrace
	Item 4	Pos PTMB, HemaTrace	Neg PSA	NT	
LB2AE2					
	Item 3	Pos KM, HemaTrace	NT	NT	Human protein, Pos ELISA
	Item 4	Pos KM, HemaTrace	NT	NT	Human protein, Pos ELISA
LBWQGX					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
LC8T4W					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
LCC44A					
	Item 3	Pos KM, HemaTrace	Neg AP	NT	
	Item 4	Pos KM, HemaTrace	Neg AP	NT	
LD2JAB					
	Item 3	Pos KM, HemaTrace	Neg AP	Neg RSID	
	Item 4	Pos KM, HemaTrace	Neg AP	Neg RSID	
LFBF9M					
	Item 3	Pos KM, Takayama	NT	NT	
	Item 4	Pos KM, Takayama	NT	NT	

TABLE 1

Webcode	Fluid ID						
	Item	Blood	Semen	Saliva	Other		
LFTL6R							
Item 3	Pos	KM, HemaTrace	Neg	Seri AP, PSA	Neg	Phadebas	
Item 4	Pos	KM, HemaTrace	Neg	Seri AP, PSA	Neg	Phadebas	
LGJRJW							
Item 3	Pos	LMG, HemaTrace	Neg	AP	NT		
Item 4	Pos	LMG, HemaTrace	Neg	AP	NT		
LGPUJ3							
Item 3	Pos	KM	NT	NT	Human Origin, Pos	Quantifiler Human	
Item 4	Pos	KM	NT	NT	Human Origin, Pos	Quantifiler Human	
LK22L3							
Item 3	Pos	O-tol	Neg	AP, PSA	Neg	SeraTec Amylase	
Item 4	Pos	O-tol	Neg	AP, PSA	Neg	SeraTec Amylase	
LMR7DE							
Item 3	Pos	LMG	NT	NT			
Item 4	Pos	LMG	NT	NT			
LNGF4G							
Item 3	Pos	KM	Neg	AP	Neg	Phadebas	
Item 4	Pos	KM	Neg	AP	Neg	Phadebas	
LPB9YZ							
Item 3	Pos	KM	NT	NT			
Item 4	Pos	KM	NT	NT			
LPU EED							
Item 3	Pos	KM, Micro (Takayama)	Neg	AP, PSA, Micro (Sperm)			
Item 4	Pos	KM, Micro (Takayama)	Neg	AP, PSA, Micro (Sperm)			
LR2Z3D							
Item 3	Pos	RSID Blood	Neg	RSID-Semen	Neg	RSID-Saliva	
Item 4	Pos	RSID Blood	Neg	RSID-Semen	Neg	RSID-Saliva	
LR6QHE							
Item 3	Pos	KM, Takayama	Neg	AP	NT		
Item 4	Pos	KM, Takayama	Neg	AP	NT		
LR9FKQ							
Item 3	Pos	KM	Neg	AP, PSA	Neg	Phadebas	Blood, Pos
Item 4	Pos	KM	Neg	AP, PSA	Neg	Phadebas	HemaTrace
							Blood, Pos
							HemaTrace

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
LT32EH					
	Item 3	Pos Luminol, KM, HemDirect, Takayama	Neg AP, ALS	NT	
	Item 4	Pos KM	Neg AP, ALS	NT	
LX9VW7					
	Item 3	Pos LMG, HT	NT	NT	
	Item 4	Pos LMG, HT	NT	NT	
LXC9PU					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
M28236					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
M77RQA					
	Item 3	Pos KM, HemaTrace	NT	NT	
	Item 4	Pos KM, HemaTrace	NT	NT	
M7W98B					
	Item 3	Pos KM	Neg AP		Semen, Inc ALS
	Item 4	Pos KM	Neg AP, ALS		
M8BQBG					
	Item 3	Pos KM, Hematace	NT	NT	
	Item 4	Pos KM, HemaTrace	NT	NT	
M92WPL					
	Item 3	Pos KM	Neg AP	NT	
	Item 4	Pos KM	Neg AP	NT	
MN3C9U					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
MNYQT2					
	Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
	Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
MPQXNY					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
MPZJVF					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
MQ8Y48					
	Item 3	Pos TMB, HemaTrace	Neg AP, PSA, Micro	NT	
	Item 4	Pos TMB, HemaTrace	Neg AP, PSA, Micro	NT	
MR2V42					
	Item 3	Pos LMG, HT	NT	NT	
	Item 4	Pos LMG, HT	NT	NT	
MTBH3F					
	Item 3	Pos KM, HemaTrace	NT	NT	
	Item 4	Pos KM, HemaTrace	NT	NT	
N3EF23					
	Item 3	Pos LMG, HemaTrace	Neg AP	NT	
	Item 4	Pos LMG, HemaTrace	Neg AP	NT	
N4AQ84					
	Item 3	Pos KM, Takayama	Neg AP	NT	
	Item 4	Pos KM, Takayama	Neg AP	NT	
N6Y9TW					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
N7EEK9					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
N9H7LT					
	Item 3	Pos LMG	Neg AP	Neg RSID-Saliva	
	Item 4	Pos LMG	Neg AP	Neg RSID-Saliva	
NAU3PD					
	Item 3	Pos TMB	Neg ALS, AP	NT	
	Item 4	Pos TMB	Neg ALS, AP	NT	
NBB3ZF					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
NBQAF6					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
NDRLPQ					
	Item 3	Pos ABA Heme	Neg PSA, Micro	NT	
	Item 4	Pos ABA Heme	Neg PSA, Micro	NT	
NDZGKJ					
	Item 3	Pos LMG, TMB	Neg ALS, AP	NT	
	Item 4	Pos LMG, TMB	Neg ALS, AP	NT	
NJJ9PK					
	Item 3	Pos Hemastix, HemaTrace	Neg AP	NT	
	Item 4	Pos Hemastix, HemaTrace	Neg AP	NT	
NK97MV					
	Item 3	Pos LMG	NT	NT	
	Item 4	Pos LMG	NT	NT	
NL6KCA					
	Item 3				Male DNA, Neg Yscreening
	Item 4				Male DNA, Pos Yscreening
NLKN82					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
NLQZ4X					
	Item 3	Pos KM, Takayama, HemaTrace	Neg ALS, AP, Micro, p30	Inc Amylase Radial Diffusion, Micro	
	Item 4	Pos KM, Takayama, HemaTrace	Neg ALS, AP, Micro, p30	Inc Amylase Radial Diffusion, Micro	
NM4RUU					
	Item 3	Pos KM, HemaTrace	Neg ALS, AP, Micro, p30	Neg Amylase	
	Item 4	Pos KM, HemaTrace	Neg ALS, AP, Micro, p30	Neg Amylase	
NNQW68					
	Item 3	Pos LMG, RSID-B	Neg AP, RSID-SE	Neg RSID-SA	
	Item 4	Pos LMG, RSID-B	Neg AP, RSID-SE	Neg RSID-SA	
NT97Z6					
	Item 3	Pos KM, ABA HemaTrace	Neg AP	NT	
	Item 4	Pos KM, ABA HemaTrace	Neg AP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
NTDKD6					
Item 3	Pos	KM, Takayama	NT	NT	
Item 4	Pos	KM, Takayama	NT	NT	
NUK6WY					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
NVKXYD					
Item 3	Pos	KM	Neg PSA	NT	
Item 4	Pos	KM	Neg PSA	NT	
NX7UD7					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
NXLDW3					
Item 3	Pos	KM	Neg ALS	Neg ALS	
Item 4	Pos	KM	Neg ALS	Neg ALS	
NYUAH8					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
P6D4N4					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
PFMB46					
Item 3	Pos	KM, Takayama	NT	NT	
Item 4	Pos	KM, Takayama	NT	NT	
PH24MJ					
Item 3	Pos	KM	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM	Neg AP, PSA, Micro	Neg Phadebas	
PJDQBY					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP	NT	
PJT89D					
Item 3	Pos	KM	Neg AP	Neg Phadebas	
Item 4	Pos	KM	Neg AP	Neg Phadebas	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
PNBFKJ					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP	NT	
PPHLUY					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
PQTNK4					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
PUWD7L					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
PVRTMP					
Item 3	Pos	O-tol	NT	NT	
Item 4	Pos	O-tol	NT	NT	
PX2K9C					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
PX3MRP					
Item 3	Pos	KM, RSID-Blood	NT	NT	
Item 4	Pos	O-tol, HemaTrace	NT	NT	
PXDH6G					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
PZ4UQ8					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
Q2EUQ9					
Item 3	Pos	TMB, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP	NT	
Q2R9CH					
Item 3	Pos	LMG, ABA HemaTrace	NT	NT	
Item 4	Pos	LMG, ABA HemaTrace	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
<b>Q39RQ3</b>					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
<b>Q3KNXR</b>					
Item 3	Pos	KM, HemaTrace	Neg AP, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, Micro	Neg Phadebas	
<b>Q3QGB9</b>					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
<b>Q4DE48</b>					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
<b>Q4GFWE</b>					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
<b>Q7MBQW</b>					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
<b>Q8JQCU</b>					
Item 3	Pos	PPTH, O-tol, brown	Neg AP	NT	
Item 4	Pos	PPTH, O-tol, brown	Neg AP	NT	
<b>Q9WDU9</b>					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
<b>QAP344</b>					
Item 3	Pos	Hemastix, HemaTrace	Neg AP, p30, Micro (Sperm)	Neg Amylase Radial Diffusion, Micro (nuc. epi. cells)	Human Blood, Pos Hemastix, HemaTrace, qPCR
Item 4	Pos	Hemastix, HemaTrace	Neg AP, p30, Micro (Sperm)	Neg Amylase Radial Diffusion, Micro (nuc. epi. cells)	Human Blood, Pos Hemastix, HemaTrace, qPCR
<b>QFETE6</b>					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
<b>QG6YTB</b>					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	



TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
QH3ALR					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
QLLGVD					
Item 3	Pos	KM	Neg ALS, AP, Micro	Neg Phadebas, ALS	Human DNA detected, Pos Quantifiler Trio
Item 4	Pos	KM	Neg ALS, AP, Micro	Neg Phadebas, ALS	Human DNA detected, Pos Quantifiler Trio
QMYNJF					
Item 3	Pos	KM, HemaTrace	Neg AP, Micro, PSA, ALS	NT	
Item 4	Pos	KM, HemaTrace	Neg AP, Micro, PSA, ALS	NT	
QP4ENA					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
QQULRT					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
QU8GBW					
Item 3	Pos	KM	Neg ALS, AP, Micro, PSA	Neg Amylase by Radial Diffusion	Y DNA, Neg Y-screening by alkaline lysis
Item 4	Pos	KM	Neg ALS, AP, Micro, PSA	Neg Amylase by Radial Diffusion	Y DNA, Pos Y-screening by alkaline lysis
QUY9H6					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
QVA7X8					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
QVNNPR					
Item 3	Pos	TMB, HemaTrace	Neg AP, ALS	NT	
Item 4	Pos	TMB, HemaTrace	Neg AP, ALS	NT	
QWZCAR					
Item 3	Pos	O-tol, PPTH, colour	Neg AP	NT	
Item 4	Pos	O-tol, PPTH, colour	Neg AP	NT	
QXAD4D					
Item 3	Pos	KM, Takayama, HemaTrace	Neg AP	Neg Phadebas	Human Origin, Pos Plexor HY, HemaTrace
Item 4	Pos	KM, Takayama, HemaTrace	Neg AP	Neg Phadebas	Human Origin, Pos Plexor HY, HemaTrace

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
R378Q7					
Item 3	Pos	TMB	Neg AP, ALS	NT	Species Origin-Human, Pos HemaTrace
Item 4	Pos	TMB	Neg AP, ALS	NT	Species Origin-Human, Pos HemaTrace
R3QYNX					
Item 3	Pos	KM	Neg ALS, FBB		
Item 4	Pos	KM	Neg ALS, FBB		
R4G633					
Item 3	Pos	KM, Takayama	NT	NT	
Item 4	Pos	KM, Takayama	NT	NT	
R6BZK6					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
RFTEQR					
Item 3	Pos	O-tol	Neg AP, Micro	Neg RSID	
Item 4	Pos	O-tol	Neg AP, Micro	Neg RSID	
RK86X9					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
RLRPC7					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
RMQFFK					
Item 3	Pos	O-tol	NT	NT	
Item 4	Pos	O-tol	NT	NT	
RPHZXB					
Item 3	Pos	KM, HemDirect, Luminol, Takayama	Neg AP, Micro, ALS	Neg Amylase Diffusion	
Item 4	Pos	KM, HemDirect, Luminol, Takayama	Neg AP, Micro, ALS	Neg Amylase Diffusion	
RPWLDE					
Item 3	Pos	KM	Neg AP, ALS	NT	
Item 4	Pos	KM	Neg AP, ALS	NT	
RQM6WR					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
RTDKDA					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
RU3L6W					
	Item 3	Pos HEMA-TRACE	NT	NT	
	Item 4	Pos HEMA-TRACE	NT	NT	
RUPRPV					
	Item 3	Pos O-tol, HemDirect	Neg AP, Micro, PSA	Neg Amylase Diffusion	
	Item 4	Pos O-tol, HemDirect	Neg AP, Micro, PSA	Neg Amylase Diffusion	
RWCL9H					
	Item 3	Pos HemaTrace	Neg AP	NT	
	Item 4	Pos HemaTrace	Neg AP	NT	
RXC9H3					
	Item 3	Pos KM, Takayama	Neg AP	NT	
	Item 4	Pos KM, Takayama	Neg AP	NT	
T4DAPA					
	Item 3	Pos TMB	Neg ALS, AP	NT	
	Item 4	Pos TMB	Neg ALS, AP	NT	
T63AWT					
	Item 3	Pos KM	Neg ALS, PSA, AP, Micro	Neg Amylase	Male DNA, Neg Alkaline lysis
	Item 4	Pos KM	Neg ALS, PSA, AP, Micro	Neg Amylase	Male DNA, Pos Alkaline lysis
T8772U					
	Item 3	Pos KM, OBTI	NT	NT	
	Item 4	Pos KM, OBTI	NT	NT	
T8NBLD					
	Item 3	Pos KM	Neg ALS, AP	NT	
	Item 4	Pos KM	Neg ALS, AP, Micro	NT	
T8V4T3					
	Item 3	Pos KM, HemaTrace	NT	NT	
	Item 4	Pos KM, HemaTrace	NT	NT	
T8XUJK					
	Item 3	Pos KM	Neg AP, PSA	Neg Phadebas	Blood, Pos HemaTrace
	Item 4	Pos KM	Neg AP, PSA	Neg Phadebas	Blood, Pos HemaTrace

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
TAYZ46					
Item 3	Pos	KM, HemaTrace	NT	Neg	Phadebas
Item 4	Pos	KM, HemaTrace	NT	Neg	Phadebas
TECWRE					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
TEWNQQ					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
THU7Q4					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
TL978Y					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
TLFMPC					
Item 3	Pos	TMB, HemaTrace	NT	NT	
Item 4	Pos	TMB, HemaTrace	NT	NT	
TLVYYG					
Item 3	Pos	KM, HemaTrace	Neg AP	Neg	RSID
Item 4	Pos	KM, HemaTrace	Neg AP	Neg	RSID
TM2HYX					
Item 3	Pos	KM	Neg PSA	Neg	Seratec Amylase
Item 4	Pos	KM	Neg PSA	Neg	Seratec Amylase
TP7828					
Item 3	Pos	KM, HemDirect	Neg ALS, AP, Micro	Neg	ALS, RSID-Saliva
Item 4	Pos	KM, HemDirect	Neg ALS, AP, Micro	Neg	ALS, RSID-Saliva
TRGY93					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
TRWDFC					
Item 3	Pos	TMB, Hexagon-OBTI	Neg ALS, Phosphatesmo, PSA	Neg	ALS, Phadebas
Item 4	Pos	TMB, Hexagon-OBTI	Neg ALS, Phosphatesmo, PSA	Neg	ALS, Phadebas

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
TWAYMX					
Item 3	Pos	LMG, HemaTrace	NT	NT	
Item 4	Pos	LMG, HemaTrace	NT	NT	
TWEKBQ					
Item 3	Pos	PHTH, O-tol, Red-brown	Neg AP	NT	
Item 4	Pos	PHTH, O-tol, Red-brown	Neg AP	NT	
TX4CZW					
Item 3	Pos	HemaTrace	Neg ABACard		
Item 4	Pos	HemaTrace	Neg ABACard		
UBQAUK					
Item 3	Pos	Heme	Neg PSA, Micro	NT	
Item 4	Pos	Heme	Neg PSA, Micro	NT	
UDV3JH					
Item 3	Pos	KM, HemaTrace	Neg AP, p30	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, p30	Neg Phadebas	
UEKCDQ					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
UEPNKV					
Item 3	Pos	Hemastix; Hexagon OBTI	NT	NT	
Item 4	Pos	Hemastix; Hexagon OBTI	NT	NT	
UJHPLA					
Item 3	Pos	KM, HemDirect	NT	NT	
Item 4	Pos	KM, HemDirect	NT	NT	
UKE7T7					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
UKT4X6					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
ULJWH8					
Item 3	Pos	KM	Neg AP	Neg Phadebas	
Item 4	Pos	KM	Neg AP	Neg Phadebas	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
ULMJWZ					
Item 3	Pos	O-tol, HemDirect	Neg AP, PSA	Neg Seratec	
Item 4	Pos	O-tol, HemDirect	Neg AP, PSA	Neg Seratec	
UMHV6M					
Item 3	Pos	KM	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM	Neg AP, PSA, Micro	Neg Phadebas	
UNZV9C					
Item 3	Pos	TMB/LMG	Neg ALS/AP	NT	
Item 4	Pos	TMB/LMG	Neg ALS/AP	NT	
UW8RUU					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
UXPJ8K					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
V222L8					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
V43BDB					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
V494RC					
Item 3	Pos	KM, Takayama	NT	NT	
Item 4	Pos	KM, Takayama	NT	NT	
V8HAJX					
Item 3	Pos	Hemastix, HemDirect	NT	NT	
Item 4	Pos	Hemastix, HemDirect	NT	NT	
V9YTXH					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP	NT	
VBKGFA					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
VCGRDX					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
VCZU3L					
Item 3	Pos	TMB	Neg ALS, AP		
Item 4	Pos	TMB	Neg ALS, AP		
VEMBEE					
Item 3	Pos	KM and HemaTrace	Neg ALS and AP	NT	
Item 4	Pos	KM and HemaTrace	Neg ALS and AP	NT	
VG4GF2					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
VGDM2R					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
VHYFPE					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA	NT	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA	NT	
VKBZW4					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
VKEJVR					
Item 3	Pos	KM, HemaTrace	NT	NT	Human protein, Pos ELISA
Item 4	Pos	KM, HemaTrace	NT	NT	Human protein, Pos ELISA
VKNRMY					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
VL4WDB					
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	
VPGVAC					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
VQ2FF9					
Item 3	Pos	KM	Neg ALS, AP, Micro	Inc ALS, Phadebas	Human DNA detected, Pos Quant Trio
Item 4	Pos	KM	Neg ALS, AP, Micro	Inc ALS, Phadebas	Human DNA detected, Pos Quant Trio
VTLJVT					
Item 3	Pos	KM, Ouchterlony	Neg AP, Micro for Sperm	Neg Amylase, Micro for NECs	
Item 4	Pos	KM, Ouchterlony	Neg AP, Micro for Sperm	Neg Amylase, Micro for NECs	
VUWCX9					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
VUYFFL					
Item 3	Pos	KM, Takayama	Neg ALS, AP, Micro, p30	Neg Amylase Radial Diffusion	
Item 4	Pos	KM, Takayama	Neg ALS, AP, Micro, p30	Neg Amylase Radial Diffusion	
VWLGUFU					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
VWAJLB					
Item 3	Pos	TMB, LMG	Neg ALS, AP	NT	
Item 4	Pos	TMB, LMG	Neg ALS, AP	NT	
VXZYR					
Item 3	Pos	TMB, HemaTrace	Neg AP, PSA, Micro	NT	
Item 4	Pos	TMB, HemaTrace	Neg AP, PSA, Micro	NT	
W7AWVA					
Item 3	Pos	TMB, PHT	Neg ALS, AP	NT	Human Origin, Pos HEM
Item 4	Pos	TMB, PHT	Neg ALS, AP	NT	Human Origin, Pos HEM
W7BKKZ					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
WC2R6U					
Item 3	Pos	KM, ABACard HemaTrace	NT	NT	
Item 4	Pos	KM, ABACard HemaTrace	NT	NT	
WCBXAH					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	



TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
WKAD4W					
	Item 3	Pos KM	Neg AP	NT	
	Item 4	Pos KM	Neg AP	NT	
WLM39U					
	Item 3	Pos PTMB	NT	NT	
	Item 4	Pos PTMB	NT	NT	
WLNVB9					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
WMD9MY					
	Item 3	Pos KM, HemaTrace	Neg AP	NT	
	Item 4	Pos KM, HemaTrace	Neg AP	NT	
WME2ND					
	Item 3	Pos KM, HemaTrace	Neg AP	NT	
	Item 4	Pos KM, HemaTrace	Neg AP	NT	
WTLP3F					
	Item 3	Pos KM, HemaTrace	Neg AP	NT	
	Item 4	Pos KM, HemaTrace	Neg AP	NT	
WUR4G9					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
WVNG2F					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
WW96VV					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
WXVT7V					
	Item 3	Pos KM, Seratec HemDirect	NT	NT	
	Item 4	Pos KM, Seratec HemDirect	NT	NT	
WYMXEA					
	Item 3	Pos KM	Neg ALS, AP	NT	
	Item 4	Pos KM	Neg ALS, AP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
WZJAB3					
	Item 3	Pos KM	Neg AP	NT	
	Item 4	Pos KM	Neg AP	NT	
X2TLJQ					
	Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
	Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
X6BY7Z					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
X6MW34					
	Item 3	Pos KM, HemaTrace	NT	NT	
	Item 4	Pos KM, HemaTrace	NT	NT	
X74Q6Y					
	Item 3	Pos KM	NT	Neg RSID	
	Item 4	Pos KM	NT	Neg Phadebas	
X8WQCB					
	Item 3	Pos KM, Takayama	Neg AP	NT	
	Item 4	Pos KM, Takayama	Neg AP	NT	
X8ZDQ4					
	Item 3	Pos KM, Takayama	Neg AP	NT	
	Item 4	Pos KM, Takayama	Neg AP	NT	
XA2H4N					
	Item 3	Pos KM, O-tol, RSID-Blood, Hema-Trace	NT	NT	
	Item 4	Pos KM, O-tol, RSID-Blood, Hema-Trace	NT	NT	
XBKZMX					
	Item 3	Pos KM, Takayama	NT	NT	
	Item 4	Pos KM, Takayama	NT	NT	
XC8VXJ					
	Item 3	Pos KM	Neg AP, PSA, Micro	Neg Phadebas	
	Item 4	Pos KM	Neg AP, PSA, Micro	Neg Phadebas	
XDN388					
	Item 3	Pos TMB	Neg ALS, AP	NT	
	Item 4	Pos TMB	Neg ALS, AP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
XG7WAY					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
XJCMC9					
Item 3	Pos	LMG, TMB	Neg ALS, AP	NT	
Item 4	Pos	LMG, TMB	Neg ALS, AP	NT	
XJEA8					
Item 3	Pos	TMB, HemaTrace	Neg AP	Neg RSID-Saliva	
Item 4	Pos	TMB, HemaTrace	Neg AP	Neg RSID-Saliva	
XK2GT4					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
XK64CH					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
XLUVB8					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
XNLR3M					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
XPBXZ8					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
XQ9FMM					
Item 3	Pos	KM, RSID-Blood	NT	NT	
Item 4	Pos	O-tol, HemaTrace	NT	NT	
XRHKPP					
Item 3	Pos	HemaTrace	NT	NT	
Item 4	Pos	HemaTrace	NT	NT	
XRMUZN					
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				
	Item	Blood	Semen	Saliva	Other
XRZP63					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
XTV6HZ					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
XURJ8D					
Item 3	Pos	KM, HemaTrace	Neg AP, ALS	NT	
Item 4	Pos	KM, HemaTrace	Neg AP, ALS		
XWBPEN					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
XWE6XF					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
XYM4JA					
Item 3	Pos	TMB, LMG	Neg ALS, AP	NT	
Item 4	Pos	TMB, LMG	Neg ALS, AP	NT	
XZDGV2					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
Y3FY9M					
Item 3	Pos	O-tol	Neg ALS, AP, Micro, PSA	Neg Amylase	
Item 4	Pos	O-tol	Neg ALS, AP, Micro, PSA	Neg Amylase	
Y7CC7K					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
Y7CHBL					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
Y7L4H3					
Item 3	Pos	KM	Neg AP, ALS, PSA	NT	
Item 4	Pos	KM	Neg AP, ALS, PSA	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
YB6YRZ					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
YCKUFY					
	Item 3	Pos KM, TMB, HumanHemoglobin (HemaTrace)	Neg ALS, AP, Micro	NT	
	Item 4	Pos KM, TMB, HumanHemoglobin (HemaTrace)	Neg ALS, AP, Micro	NT	
YD8YJ8					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
YDFFVJ					
	Item 3	Pos KM, qRT-PCR	NT	NT	
	Item 4	Pos KM, qRT-PCR	NT	NT	
YFTUWY					
	Item 3	Pos KM, HemaTrace	Neg AP	NT	
	Item 4	Pos KM, HemaTrace	Neg AP	NT	
YG4PHQ					
	Item 3	Pos PTMB, HemaTrace	NT	NT	
	Item 4	Pos PTMB, HemaTrace	NT	NT	
YGGB3Z					
	Item 3	Pos KM, HemaTrace	NT	NT	
	Item 4	Pos KM, HemaTrace	NT	NT	
YGXN74					
	Item 3	Pos KM, HemaTrace card	Neg ALS, AP, Micro, PSA	Neg Phadebas	
	Item 4	Pos KM, HemaTrace card	Neg ALS, AP, Micro, PSA	Neg Phadebas	
YJPH8E					
	Item 3	Pos KM, HemaTrace	Neg ALS, AP	NT	
	Item 4	Pos KM, HemaTrace	Neg ALS, AP	NT	
YM7W3Z					
	Item 3	Pos KM, Takayama	Neg AP	NT	
	Item 4	Pos KM, Takayama	Neg AP	NT	
YNJL8X					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
YPRM6Q					
	Item 3	Pos KM	Neg AP	Neg Phadebas	
	Item 4	Pos KM	Neg AP	Neg Phadebas	
YQKPLD					
	Item 3	Pos KM	Neg ALS, AP	NT	
	Item 4	Pos KM	Neg ALS, AP	NT	
YT97TZ					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
YTW7CY					
	Item 3	Pos KM, Takayama	Neg AP	NT	
	Item 4	Pos KM, Takayama	Neg AP	NT	
YU8DBK					
	Item 3	Pos KM, RSID-Blood	NT	NT	
	Item 4	Pos KM, O-tol, HemaTrace	NT	NT	
YYDZVA					
	Item 3	Pos KM	Neg AP, PSA, Micro	Neg Phadebas	
	Item 4	Pos KM	Neg AP, PSA, Micro	Neg Phadebas	
YYKXFL					
	Item 3	Pos LMG, HemaTrace	Neg AP	NT	
	Item 4	Pos LMG, HemaTrace	Neg AP	NT	
Z2LCNW					
	Item 3	Pos O-tol	NT	NT	Human Blood, Pos RSID-Blood
	Item 4	Pos O-tol	NT	NT	Human Blood, Pos RSID-Blood
Z44GZM					
	Item 3	Pos KM, OBTI	Neg ALS, AP, Micro, PSA	Neg Phadebas	
	Item 4	Pos KM, OBTI	Neg ALS, AP, Micro, PSA	Neg Phadebas	
Z6Z8VT					
	Item 3	Pos KM, Ouchterlony	Neg AP, Micro	NT	
	Item 4	Pos KM, Ouchterlony	Neg AP, Micro	NT	
Z7EH3Y					
	Item 3	Pos O-tol	Neg AP	NT	
	Item 4	Pos O-tol	Neg AP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
Z9DULR					
	Item 3	Pos LMG, HT	NT	NT	
	Item 4	Pos LMG, HT	NT	NT	
Z9WQXR					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
ZA4HMN					
	Item 3	Pos KM, HemaTrace	NT	NT	Human Origin, Pos Quantifiler Human
	Item 4	Pos KM, HemaTrace	NT	NT	Human Origin, Pos Quantifiler Human
ZAEQ6N					
	Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
	Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
ZBC23C					
	Item 3	Pos KM, Takayama	Neg AP	NT	
	Item 4	Pos KM, Takayama	Neg AP	NT	
ZEPVQV					
	Item 3	Pos KM	NT	NT	Human, Pos Plexor HY
	Item 4	Pos KM	NT	NT	Human, Pos Plexor HY
ZFZA3Q					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
ZGCD6A					
	Item 3	Pos HemaTrace	NT	NT	
	Item 4	Pos HemaTrace	NT	NT	
ZKHQYV					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
ZMYCAP					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
ZPMMHV					
	Item 3	Pos KM, HemaTrace	Neg AP	NT	
	Item 4	Pos KM, HemaTrace	Neg AP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
ZPR87X					
Item 3	Pos	TMB, Takayama	NT	NT	
Item 4	Pos	TMB, Takayama	NT	NT	
ZTLP7Q					
Item 3	Pos	KM			
Item 4	Pos	KM			
ZV8UU9					
Item 3	Pos	KM	Neg AP, ALS	NT	
Item 4	Pos	KM	Neg AP, ALS	NT	
ZVHC8F					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
ZVJ3KP					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
ZVYNR7					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
ZW4PL7					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
ZWEQWT					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
ZX6WBX					
Item 3	Pos	TMB	Neg ALS, AP	NT	Human Origin, Pos HemaTrace
Item 4	Pos	TMB	Neg ALS, AP	NT	Human Origin, Pos HemaTrace
ZYBCBP					
Item 3	Pos	KM	Neg AP	Neg Phadebas	
Item 4	Pos	KM	Neg AP	Neg Phadebas	



<b>Table 1: Serology Screening Response Summary</b>				<b>Item 3</b>	<b>Participants: 633</b>
<b>ITEM 3:</b>	<u>Blood</u>	<u>Semen</u>	<u>Saliva</u>		
Positive	<b>626</b>	<b>0</b>	<b>0</b>		
Negative	<b>0</b>	<b>326</b>	<b>121</b>		
Inconclusive	<b>0</b>	<b>0</b>	<b>4</b>		
Not Tested (NT)	<b>5</b>	<b>295</b>	<b>485</b>		
Not Reported	<b>2</b>	<b>12</b>	<b>23</b>		

<b>Table 1: Serology Screening Response Summary</b>				<b>Item 4</b>	<b>Participants: 633</b>
<b>ITEM 4:</b>	<u>Blood</u>	<u>Semen</u>	<u>Saliva</u>		
Positive	<b>626</b>	<b>0</b>	<b>0</b>		
Negative	<b>0</b>	<b>325</b>	<b>124</b>		
Inconclusive	<b>0</b>	<b>0</b>	<b>4</b>		
Not Tested (NT)	<b>5</b>	<b>296</b>	<b>480</b>		
Not Reported	<b>2</b>	<b>12</b>	<b>25</b>		

# STR Amplification Kit(s) & Results

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656 D6S1043	D2S1338 D7S820	D2S441 D8S1179	D3S1358 D9S1122	D4S2408 D10S1248	D5S818 D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11 Penta E	D22S1045 SE33	Amelogenin TH01	CSF1PO TPOX	FGA vWA	Penta D

Item 1 - STR Results

22VQAJ	PowerPlex® Fusion 6C					
		11,16	19,21	10,11	15	11,12
	1		10,12	10,14		12,14 19,20
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20 10,11
	7,13	18,24.2	7	9,11	19,20	
<hr/>						
24E3NE	PowerPlex® Fusion					
		11,16	19,21	10,11	15	11,12
	1		10,12	10,14		12,14 19,20
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20 10,11
	7,13		7	9,11	19,20	
<hr/>						
27C2BT	PowerPlex® Fusion 6C					
		11,16	19,21	10,11	15,15	11,12
	1		10,12	10,14		12,14 19,20
		11,11	9,12		15,22	13,13
		27,31.2	16,16	X,Y	12,12	19,20 10,11
	7,13	18,24.2	7,7	9,11	19,20	
<hr/>						
2AU4RY	GlobalFiler™ Express					
		11,16	19,21	10,11	15	11,12
	1		10,12	10,14		12,14 19,20
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
		18,24.2	7	9,11	19,20	
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2B4E3A	PowerPlex® Fusion 6C					
		11,16	19,21	10,11	15	11,12
	1		10,12	10,14		12,14 19,20
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20 10,11
	7,13	18,24.2	7	9,11	19,20	
<hr/>						
2BMC79	GlobalFiler™					
		11,16	19,21	10,11	15	11,12
	1		10,12	10,14		12,14 19,20
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
		18,24.2	7	9,11	19,20	
<hr/>						
2C3F92	PowerPlex® Fusion Direct					
		11,16	19,21	10,11	15	11,12
	1		10,12	10,14		12,14 19,20
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20 10,11
	7,13	18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 1 - STR Results

2GBWAP	PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
2H6MF4	Identifiler®					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
2KCPU9	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
2MBELF	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
2QFTK8	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
2QGL69	Identifiler® Direct					
	-	19,21	-	15	-	11,12
1		10,12	10,14	-	-	-
	11	9,12	-	15,22	13	-
	27,31.2	-	X,Y	12	19,20	-
	-	-	7	9,11	19,20	
2RAKFZ	Identifiler®					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

2VQX7F	PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
2WPKUE	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
2XG84M	Identifiler® Plus					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
2YZPR3	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
2ZYBXL	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
32FQYU	Identifiler® Plus					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
32XUHT	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

34EM7V	GlobalFiler™ PCR amplification Kit					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
34FKGQ	PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
34GWEZ	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
34PNLN	Identifiler® ID+					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
372YUK	Identifiler®, GlobalFiler™					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
37KKNV	Identifiler® Plus, PowerPlex® Fusion 6C, GlobalFiler™					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
39VHDY	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

39Y6TR	PowerPlex® 21					
	11,16	19,21		15,15		11,12
1	12,14	10,12	10,14			19,20
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	10,11
	7,13		7,7	9,11	19,20	
3B4L2V	Identifiler® Plus					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
3DAZQA	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
3EJZHA	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
3G2K34	Identifiler®					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
3G6J9T	PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
3H29UF	Identifiler® Plus					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

3HC264	PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
3HCYFY	Identifiler® +					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
3HFWVG	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
3J28B4	Investigator® 24plex					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
3LMZ2C	Identifiler® Plus					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
3QQ7D9	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
3QTMKF	Identifiler®, PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

3R6KUQ	PowerPlex® Fusion 5C						
		11,16	19,21	10,11	15	NA	11,12
	1	NA	10,12	10,14	NA	12,14	19,20
		11	9,12	NA	15,22	13	NA
		27,31.2	16	X,Y	12	19,20	10,11
	7,13	NA	7	9,11	19,20		
3RLRZ9	PowerPlex® Fusion6C						
		11,16	19,21	10,11	15		11,12
	1		10,12	10,14		12,14	19,20
		11	9,12		15,22	13	
		27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20		
3RUMW2	Identifiler® Plus						
		NA	19,21	NA	15,15	NA	11,12
	1	NA	10,12	10,14	NA	NA	NA
		11,11	9,12	NA	15,22	13,13	NA
		27,31.2	NA	X,Y	12,12	19,20	NA
	NA	NA	7,7	9,11	19,20		
3TZZ7M	Identifiler®						
		N/A	19,21	N/A	15,15	N/A	11,12
	1	N/A	10,12	10,14	N/A	N/A	N/A
		11,11	9,12	N/A	15,22	13,13	N/A
		27,31.2	N/A	X,Y	12,12	19,20	N/A
	N/A	N/A	7,7	9,11	19,20		
3VLZ74	Identifiler®						
			19,21		15		11,12
	1		10,12	10,14			
		11	9,12		15,22	13	
		27,31.2		X,Y	12	19,20	
			7	9,11	19,20		
3WLME3	GlobalFiler™						
		11,16	19,21	10,11	15,15		11,12
	1		10,12	10,14		12,14	19,20
		11,11	9,12		15,22	13,13	
		27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20		
3XU2JM	GlobalFiler™						
		11,16	19,21	10,11	15,15		11,12
	1		10,12	10,14		12,14	19,20
		11,11	9,12		15,22	13,13	
		27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20		



TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 1 - STR Results

3YUUL2	PowerPlex® Fusion6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
3YVRWX	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
3Z3E2P	PowerPlex® Fusion 5C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
44FEZ2	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
44WJ6T	PowerPlex® Fusion 5C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
467Q8L	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
46DQG3	Identifiler® Plus					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

46TXU8	GlobalFiler™						
	11,16	19,21	10,11	15		11,12	
	1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13		
	27,31.2	16	X,Y	12	19,20		
	18,24.2	7	9,11	19,20			
49L7RL	Identifiler®						
	n/a	19,21	n/a	15,15	n/a	11,12	
	1		10,12	10,14	n/a	n/a	n/a
	11,11	9,12	n/a	15,22	13,13	n/a	
	27,31.2	n/a	X,Y	12,12	19,20	n/a	
	n/a	n/a	7,7	9,11	19,20		
4AMW7G	Identifiler® Plus						
		19,21		15,15		11,12	
	1		10,12	10,14			
	11,11	9,12		15,22	13,13		
	27,31.2		X,Y	12,12	19,20		
		7,7	9,11	19,20			
4AMX6L	Identifiler® Plus						
		19,21		15,15		11,12	
	1		10,12	10,14			
	11,11	9,12		15,22	13,13		
	27,31.2		X,Y	12,12	19,20		
		7,7	9,11	19,20			
4CVXHF	Identifiler®						
		19,21		15,15		11,12	
	1		10,12	10,14			
	11,11	9,12		15,22	13,13		
	27,31.2		X,Y	12,12	19,20		
		7,7	9,11	19,20			
4JA4TD	Identifiler® Plus						
		19,21		15,15		11,12	
	1		10,12	10,14			
	11,11	9,12		15,22	13,13		
	27,31.2		X,Y	12,12	19,20		
		7,7	9,11	19,20			
4K79KE	GlobalFiler™						
	11,16	19,21	10,11	15		11,12	
	1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13		
	27,31.2	16	X,Y	12	19,20		
	18,24.2	7	9,11	19,20			

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 1 - STR Results

4LZA8H	Identifiler®, GlobalFiler™ Express					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
4MPKYB	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
4RFCBT	GlobalFiler™					
	11,16	19,21	10,11	15,15	NA	11,12
1	NA	10,12	10,14	NA	12,14	19,20
	11,11	9,12	NA	15,22	13,13	NA
	27,31.2	16,16	X,Y	12,12	19,20	NA
	NA	18,24.2	7,7	9,11	19,20	
4RKC78	Identifiler® Plus					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
4V2NYH	Identifiler® Plus, Direct					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
4V9EMU	Identifiler® Plus					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
4VLBNR	Identifiler® Plus, MiniFiler					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 1 - STR Results

4WATHX	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	
4WX7C6	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
4YM6WV	GlobalFiler™					
	11,16	19,21	10,11	15,15	-	11,12
1	-	10,12	10,14	-	12,14	19,20
	11,11	9,12	-	15,22	13,13	-
	27,31.2	16,16	X,Y	12,12	19,20	-
	-	18,24.2	7,7	9,11	19,20	
628KE2	Identifiler® Plus, Minifier					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
62BY9P	PowerPlex® PP21					
	11,16	19,21		15,15		11,12
1	12,14	10,12	10,14			19,20
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	10,11
	7,13		7,7	9,11	19,20	
63VX3L	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
67GQ6F	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

694FEL	GlobalFiler™						
	11,16	19,21	10,11	15,15		11,12	
	1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13		
	27,31.2	16,16	X,Y	12,12	19,20		
	18,24.2	7,7	9,11	19,20			
69LHWU	PowerPlex® Fusion5C						
	11,16	19,21	10,11	15		11,12	
	1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13		
	27,31.2	16	X,Y	12	19,20		10,11
	7,13	7	9,11	19,20			
6AW8DK	Identifiler®						
	N/A	19,21	N/A	15,15	N/A	11,12	
	1		10,12	10,14	N/A	N/A	N/A
	11,11	9,12	N/A	15,22	13,13		
	27,31.2		X,Y	12,12	19,20		
		7,7	9,11	19,20			
6AXUJK	Identifiler®						
		19,21		15		11,12	
	1		10,12	10,14			
	11	9,12		15,22	13		
	27,31.2		X,Y	12	19,20		
		7	9,11	19,20			
6C4MKQ	Identifiler® Plus, PowerPlex® Fusion 6C, GlobalFiler™						
	11,16	19,21	10,11	15		11,12	
	1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13		
	27,31.2	16	X,Y	12	19,20		10,11
	7,13	18,24.2	7	9,11	19,20		
6G6LEH	PowerPlex® 21						
	11,16	19,21		15,15		11,12	
	1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13		
	27,31.2		X,Y	12,12	19,20		10,11
	7,13		7,7	9,11	19,20		
6HTBAU	GlobalFiler™						
	11,16	19,21	10,11	15		11,12	
	1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13		
	27,31.2	16	X,Y	12	19,20		
	18,24.2	7	9,11	19,20			

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

6J48ML	Identifiler® Plus					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
6J6CFW	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
6KHEBN	Identifiler® Plus					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
6L8XT2	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
6NMWTH	PowerPlex® 21					
	11,16	19,21		15,15		11,12
1	12,14	10,12	10,14			19,20
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	10,11
	7,13		7,7	9,11	19,20	
6PEYBR	Identifiler® Plus					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
6PTFFT	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

6U2FJQ	PowerPlex® ESI 16, NGM					
		11,16	19,21	10,11	15	
	1			10,14		12,14
			9,12		15,22	13
		27,31.2	16	X,Y		19,20
			7		19,20	
6UBGVY	GlobalFiler™					
		11,16	19,21	10,11	15	11,12
	1		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
		18,24.2	7	9,11	19,20	
6X93M2	PowerPlex® Fusion 6C Direct					
		11,16	19,21	10,11	15	11,12
	1		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
	7,13	18,24.2	7	9,11	19,20	
6YJ3JV	GlobalFiler™ Express					
		11,16	19,21	10,11	15	11,12
	1		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
		18,24.2	7	9,11	19,20	
6YXFYR	Identifiler® Plus, GlobalFiler™					
		11,16	19,21	10,11	15	11,12
	1		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
		18,24.2	7	9,11	19,20	
6ZB9VF	Identifiler® Plus, PowerPlex® Fusion 6C					
		11,16	19,21	10,11	15	11,12
	1		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
	7,13	18,24.2	7	9,11	19,20	
747G4U	PowerPlex® Fusion					
		11,16	19,21	10,11	15,15	Not Tested
	1	Not Tested	10,12	10,14	Not Tested	12,14
		11,11	9,12	Not Tested	15,22	13,13
		27,31.2	16,16	X,Y	12,12	19,20
	7,13	Not Tested	7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

76QQYH	PowerPlex® 21					
	11,16	19,21		15,15		11,12
	12,14	10,12	10,14			19,20
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	10,11
	7,13		7,7	9,11	19,20	
778KVG	Identifiler® Plus, PowerPlex® Fusion					
	11,16	19,21	10,11	15,15		11,12
		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13		7,7	9,11	19,20	
7BBXDG	Identifiler® Plus					
		19,21		15		11,12
		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
		7	9,11	19,20		
7DPV6C	PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
7EQLFZ	Identifiler®, GlobalFiler™					
	11,16	19,21	10,11	15		11,12
		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
	18,24.2	7	9,11	19,20		
7EU6JV	PowerPlex® Fusion 6C Direct					
	11,16	19,21	10,11	15		11,12
		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
7F8MUN	Identifiler® Plus					
		19,21		15,15		11,12
		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
		7,7	9,11	19,20		



TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

7KT7RR	GlobalFiler™					
	11,16	19,21	10,11	15,15	N/A	11,12
	N/A	10,12	10,14	N/A	12,14	19,20
	11,11	9,12	N/A	15,22	13,13	N/A
	27,31.2	16,16	X,Y	12,12	19,20	N/A
	N/A	18,24.2	7,7	9,11	19,20	
7M2XG6	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
	18,24.2	7	9,11	19,20		
7MJRD9	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
	18,24.2	7	9,11	19,20		
7MMFTQ	GlobalFiler™ Express					
	11,16	19,21	10,11	15		11,12
		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
	18,24.2	7	9,11	19,20		
7NF63L	PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	7	9,11	19,20		
7PDL8W	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
	18,24.2	7	9,11	19,20		
7RFGXL	Identifiler® Plus, GlobalFiler™					
	11,16	19,21	10,11	15,15	NT	11,12
	NT	10,12	10,14	NT	12,14	19,20
	11,11	9,12	NT	15,22	13,13	NT
	27,31.2	16,16	X,Y	12,12	19,20	NT
	NT	18,24.2	7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 1 - STR Results

7RRD4Q	PowerPlex® Fusion 6C					
		11,16	19,21	10,11	15	11,12
	1		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
	7,13	18,24.2	7	9,11	19,20	
7TNQT4	GlobalFiler™					
		11,16	19,21	10,11	15,15	11,12
	1		10,12	10,14		12,14
		11,11	9,12		15,22	13,13
		27,31.2	16,16	X,Y	12,12	19,20
		18,24.2	7,7	9,11	19,20	
7UL2LL	Identifiler® Plus, GlobalFiler™					
		11,16	19,21	10,11	15,15	11,12
	1		10,12	10,14		12,14
		11,11	9,12		15,22	13,13
		27,31.2	16,16	X,Y	12,12	19,20
		18,24.2	7,7	9,11	19,20	
7UZCCD	PowerPlex® Fusion 6C					
		11,16	19,21	10,11	15	11,12
	1		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
	7,13	18,24.2	7	9,11	19,20	
7X63WZ	GlobalFiler™ Express					
		11,16	19,21	10,11	15,15	11,12
	1		10,12	10,14		12,14
		11,11	9,12		15,22	13,13
		27,31.2	16,16	X,Y	12,12	19,20
		18,24.2	7,7	9,11	19,20	
7ZRJ8T	Identifiler® Plus					
			19,21		15	11,12
	1		10,12	10,14		
		11	9,12		15,22	13
		27,31.2		X,Y	12	19,20
			7	9,11	19,20	
82G9UT	Identifiler®					
			19,21		15	11,12
	1		10,12	10,14		
		11	9,12		15,22	13
		27,31.2		X,Y	12	19,20
			7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 1 - STR Results

86KVTH	COfiler® and Profiler Plus®, Identifiler® Plus, MiniFiler					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
86WTPL	Identifiler® Plus, GlobalFiler™, MiniFiler					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
86YZW3	Identifiler® Plus					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
876KK3	Identifiler® Plus					
	NT	19,21	NT	15,15	NT	11,12
1	NT	10,12	10,14	NT	NT	NT
	11,11	9,12	NT	15,22	13,13	NT
	27,31.2	NT	X,Y	12,12	19,20	NT
	NT	NT	7,7	9,11	19,20	
879LNU	GlobalFiler™ Express					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
87QJVZ	PowerPlex®					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13		7,7	9,11	19,20	
89XWG9	PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

8BZUPF	PowerPlex® Fusion 5C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
8GNNGL	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
8H2QE2	Identifiler® Plus, GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
8JXPME	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
8M2BNX	Identifiler® Plus, MiniFiler					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
8M4Y8W	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
8NU6JG	GlobalFiler™ GlobalFiler Express					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 1 - STR Results

8RCDLM	Identifiler® Plus, GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
8RPR6P	PowerPlex® Fusion 5C & 6C, GlobalFiler™					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
8T64R2	PowerPlex® Fusion					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13		7,7	9,11	19,20	
8TJQ4N	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	
8TNWZQ	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
8W3QJ4	PowerPlex® F6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
8WNC2L	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

8WUF3R	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
8YAFTM	PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
8ZLQQW	Identifiler® Plus, MiniFiler					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
8ZNEAW	Identifiler®					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
92YFUA	Identifiler® Plus					
	-	19,21	-	15,15	-	11,12
1		10,12	10,14	-	-	-
	11,11	9,12	-	15,22	13,13	-
	27,31.2	-	X,Y	12,12	19,20	-
	-	-	7,7	9,11	19,20	
938TCB	Identifiler® Plus					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
93TJ8G	Identifiler® Plus					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

96FZKV	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
982P23	Identifiler®					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
982WYN	Identifiler® Plus					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
98ZYNR	GlobalFiler™ Express					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
9A4TBB	Identifiler® Plus					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
9A93KP	Identifiler® Plus, PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	
9BZ4L7	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 1 - STR Results

9CADYB	Identifiler® Plus, PowerPlex® FUSION					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
9D6RNP	PowerPlex® Fusion 5C, 6C, GlobalFiler™					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
9DQ8GY	GlobalFiler™ Express					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
9FBMKU	Identifiler®					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
9H36TR	GlobalFiler™ Express					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
9H48C6	GlobalFiler™, MiniFiler					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
9K2NBR	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	



TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

9MCD7P	PowerPlex® FUSION 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
9P33CJ	GlobalFiler™ PCR Amplification Kit					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
9ZK6PP	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
A2UKLM	Identifiler® Plus					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
A37CGP	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15	N/A	11,12
1	N/A	10,12	10,14	N/A	12,14	19,20
	11	9,12	N/A	15,22	13	N/A
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
A6CX9W	PowerPlex® FUSION 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
A734M2	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

A8DUM6	PowerPlex® Fusion					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13		7,7	9,11	19,20	
A9T8F9	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	
AAFYBL	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	
ABJ47N	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
ACPXFT	PowerPlex® Fusion 5C, Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
AE9C3W	Identifiler® Plus					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
AFP43K	PowerPlex® Fusion 5C					
	11,16	19,21	10,11	15	NA	11,12
1	NA	10,12	10,14	NA	12,14	19,20
	11	9,12	NA	15,22	13	NA
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	NA	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

AJWDCV	PowerPlex® Fusion 6C					
1	11,16	19,21	10,11	15		11,12
		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
AK4RN4	PowerPlex® Fusion					
1	11,16	19,21	10,11	15		11,12
		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
AKMF7X	PowerPlex® Fusion					
1	11,16	19,21	10,11	15,15		11,12
		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13		7,7	9,11	19,20	
AMQMFW	Identifiler® Plus					
1		19,21		15,15		11,12
		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
ANHBKQ	Identifiler®					
1		19,21		15		11,12
		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
APC4FA	GlobalFiler™					
1	11,16	19,21	10,11	15		11,12
		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
AVLB4T	PowerPlex® Fusion 6C					
1	11,16	19,21	10,11	15,15		11,12
		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 1 - STR Results

AWD8V9	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
	1	10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
	18,24.2	7	9,11	19,20		
AXWWAM	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
	1	10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
AYKPRJ	Identifiler® Plus, GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
	1	10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
	18,24.2	7,7	9,11	19,20		
AZA38F	Identifiler®					
	N/A	19,21	N/A	15,15	N/A	11,12
	1	N/A	10,14	N/A	N/A	N/A
	11,11	9,12	N/A	15,22	13,13	N/A
	27,31.2	N/A	X,Y	12,12	19,20	N/A
	N/A	N/A	7,7	9,11	19,20	
AZX7ZQ	PowerPlex® FUSION					
	11,16	19,21	10,11	15		11,12
	1	10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
B2LWNF	PowerPlex® Fusion 5C					
	11,16	19,21	10,11	15	NA	11,12
	1	NA	10,14	NA	12,14	19,20
	11	9,12	NA	15,22	13	NA
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	NA	7	9,11	19,20	
B3EZ39	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
	1	10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
	18,24.2	7,7	9,11	19,20		

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

B48B3W	Identifiler® Plus					
		19,21		15,15		11,12
1		10,12	10,14			
		11,11	9,12	15,22	13,13	
		27,31.2	X,Y	12,12	19,20	
			7,7	9,11	19,20	
B6JHEJ	PowerPlex® 21					
		11,16	19,21	-	15,15	-
1		12,14	10,12	10,14	-	-
		11,11	9,12	-	15,22	13,13
		27,31.2	-	X,Y	12,12	19,20
		7,13	-	7,7	9,11	19,20
B7JHQ6	Identifiler® Plus					
		19,21		15,15		11,12
1		10,12	10,14			
		11,11	9,12	15,22	13,13	
		27,31.2	X,Y	12,12	19,20	
			7,7	9,11	19,20	
B8BPL2	Identifiler®, GlobalFiler™ Plus					
		19,21		15,15		11,12
1		10,12	10,14			
		11,11	9,12	15,22	13,13	
		27,31.2	X,Y	12,12	19,20	
			7,7	9,11	19,20	
B8D8RD	GlobalFiler™ Express					
		11,16	19,21	10,11	15	11,12
1		10,12	10,14			12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
		18,24.2	7	9,11	19,20	
B8UTN4	GlobalFiler™					
		11,16	19,21	10,11	15	11,12
1		10,12	10,14			12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
		18,24.2	7	9,11	19,20	
BC78AE	Identifiler® Plus					
		19,21		15		11,12
1		10,12	10,14			
		11	9,12	15,22	13	
		27,31.2	X,Y	12	19,20	
			7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 1 - STR Results

BDY3TG	Identifiler®					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
BGZF79	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
BJ7KYW	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
BKHBD8	Identifiler® Plus					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
BN47ZZ	Identifiler®					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
BNJCGB	Identifiler® Plus					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
BQZHBK	GlobalFiler™					
	11,16	19,21	10,11	15,15	N/A	11,12
1	N/A	10,12	10,14	N/A	12,14	19,20
	11,11	9,12	N/A	15,22	13,13	N/A
	27,31.2	16,16	X,Y	12,12	19,20	N/A
	N/A	18,24.2	7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 1 - STR Results

BRLDFL	Identifiler® Plus					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
BRM3QB	Identifiler® Plus, PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
BU2ZH7	Identifiler®, PowerPlex® Fusion					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13		7,7	9,11	19,20	
BUKV98	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
BWT3F8	Identifiler® Plus					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
BX3488	PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
BX7H72	Identifiler® Plus					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 1 - STR Results

BYT82E	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
	1	10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
	18,24.2	7	9,11	19,20		
C24BLH	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
	1	10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
	18,24.2	7	9,11	19,20		
C2KM4M	Identifiler® Plus					
		19,21		15		11,12
	1	10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
		7	9,11	19,20		
C2XB9V	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
	1	10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
	18,24.2	7,7	9,11	19,20		
C4CG6X	Identifiler® Plus					
		19,21		15		11,12
	1	10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
		7	9,11	19,20		
C8PBTH	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15,15		11,12
	1	10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	
C93U4Z	Identifiler® Plus					
		19,21		15,15		11,12
	1	10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
		7,7	9,11	19,20		



TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 1 - STR Results

CAVX7M	PowerPlex® Fusion 6C					
		11,16	19,21	10,11	15	11,12
	1		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
	7,13	18,24.2	7	9,11	19,20	
CB6UP6	Identifiler®, PowerPlex® Fusion					
		11,16	19,21	10,11	15	11,12
	1		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
	7,13		7	9,11	19,20	
CB9C6G	PowerPlex® Fusion 6C					
		11,16	19,21	10,11	15	11,12
	1		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
	7,13	18,24.2	7	9,11	19,20	
CBP24H	PowerPlex® Fusion					
		11,16	19,21	10,11	15	11,12
	1		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
	7,13		7	9,11	19,20	
CC6WRG	GlobalFiler™					
		11,16	19,21	10,11	15,15	11,12
	1		10,12	10,14		12,14
		11,11	9,12		15,22	13,13
		27,31.2	16,16	X,Y	12,12	19,20
		18,24.2	7,7	9,11	19,20	
CCD3UJ	Identifiler® Plus, PowerPlex® Fusion 6C, GlobalFiler™					
		11,16	19,21	10,11	15	11,12
	1		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
	7,13	18,24.2	7	9,11	19,20	
CDYHJM	Identifiler® Plus					
			19,21		15,15	11,12
	1		10,12	10,14		
		11,11	9,12		15,22	13,13
		27,31.2		X,Y	12,12	19,20
			7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

CEVTHV	PowerPlex® Fusion 6C					
1	11,16	19,21	10,11	15		11,12
		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
CGZJMQ	GlobalFiler™ Express					
1	11,16	19,21	10,11	15,15		11,12
		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
CM4MB4	Identifiler® Plus					
1		19,21		15,15		11,12
		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
CMJP66	Identifiler®, PowerPlex® Fusion 5C					
1	11,16	19,21	10,11	15		11,12
		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
CPBPG9	Identifiler® Plus					
1		19,21		15		11,12
		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
CTJY4P	Identifiler® Plus					
1		19,21		15,15		11,12
		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
CVALRR	PowerPlex® Fusion 6C					
1	11,16	19,21	10,11	15,15		11,12
		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

CVTGAT	PowerPlex® Fusion					
	11,16	19,21	10,11	15,15		11,12
	1	10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	7,7	9,11	19,20		
CVU6YJ	Identifiler®					
		19,21		15		11,12
	1	10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
		7	9,11	19,20		
CW8YDY	PowerPlex® F6C					
	11,16	19,21	10,11	15		11,12
	1	10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
CX2ET3	PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
	1	10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	7	9,11	19,20		
CX6VCU	Identifiler® Plus					
		19,21		15,15		11,12
	1	10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
		7,7	9,11	19,20		
D4NK9N	GlobalFiler™ Express					
	11,16	19,21	10,11	15		11,12
	1	10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
	18,24.2	7	9,11	19,20		
D79NN9	Identifiler® Plus and Direct					
		19,21		15		11,12
	1	10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
		7	9,11	19,20		

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

D93D8U	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
DBL9T9	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
DCCHT3	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
DD9Y6Y	Identifiler® Plus					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
DG8EDM	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
DJDY2M	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
DM23JU	Identifiler® Identifiler Plus, MiniFiler					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

DQRPH8	Identifiler® Plus, GlobalFiler™					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
DR9WTV	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
DX4BBD	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
DYLZQH	Identifiler® Plus, PowerPlex® 6C, GlobalFiler™					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
DZNAEA	Identifiler®, GlobalFiler™ Express					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
E2QM4L	Identifiler®					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
E2RHPD	Identifiler® Plus					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

E2WYJZ	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
E6RFQD	GlobalFiler™ PCR Amplification kit					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
E6UG3R	PowerPlex® ESI16, in-house					
	11,16	19,21	10,11	15		
1			10,14		12,14	19,20
		9,12		15,22	13	
	27,31.2	16	X,Y		19,20	
			7		19,20	
EA7DYE	PowerPlex® Fusion 6C, Investigator® 24plex					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
EAMLM9	GlobalFiler™ Express					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
EAZCJ7	Identifiler® Plus, Direct					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
EBEJ6M	Identifiler®					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

ECFFPJ	Identifiler® Plus					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
EGQHM9	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
EGTDZC	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
EKB98B	PowerPlex® ESX16Fast					
	11,16	19,21	10,11	15		
1			10,14		12,14	19,20
		9,12		15,22	13	
	27,31.2	16	X,Y		19,20	
			7		19,20	
ELLF3Q	GlobalFiler™ Express					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
EN83LE	Identifiler® Plus					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
ENAUNF	Identifiler® Plus					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

EPG4QK	Identifiler® Plus					
		19,21		15,15		11,12
1		10,12	10,14			
		11,11	9,12	15,22	13,13	
		27,31.2	X,Y	12,12	19,20	
			7,7	9,11	19,20	
EPVMD4	GlobalFiler™					
		19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
		11,11	9,12	15,22	13,13	
		27,31.2	16,16	X,Y	12,12	19,20
		18,24.2	7,7	9,11	19,20	
ERKYAN	PowerPlex® Fusion 6C					
		19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
		11,11	9,12	15,22	13,13	
		27,31.2	16,16	X,Y	12,12	19,20
		7,13	18,24.2	7,7	9,11	19,20
ETDVC4	Identifiler® ID28, PowerPlex® Fusion, Fusion					
		19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
		11	9,12	15,22	13	
		27,31.2	16	X,Y	12	19,20
		7,13	7	9,11	19,20	10,11
EUCRCY	Identifiler® Plus					
		19,21		15,15		11,12
1		10,12	10,14			
		11,11	9,12	15,22	13,13	
		27,31.2	X,Y	12,12	19,20	
			7,7	9,11	19,20	
EUT7E3	GlobalFiler™					
		19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
		11	9,12	15,22	13	
		27,31.2	16	X,Y	12	19,20
		18,24.2	7	9,11	19,20	
EUUU6T	Identifiler® Plus					
		19,21		15,15		11,12
1		10,12	10,14			
		11,11	9,12	15,22	13,13	
		27,31.2	X,Y	12,12	19,20	
			7,7	9,11	19,20	



TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 1 - STR Results

F262ZH	GlobalFiler™ PCR Amplification Kit					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
F27G79	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
F2RT6G	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
F794CJ	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
F7BRVH	PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
F8CPDJ	GlobalFiler™ Express					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
F9KABC	PowerPlex® Fusion 5C					
	11,16	19,21	10,11	15	NA	11,12
1	NA	10,12	10,14	NA	12,14	19,20
	11	9,12	NA	15,22	13	NA
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	NA	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
Penta E	SE33	TH01	TPOX	vWA		

Item 1 - STR Results

FGHVM7	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
	1	10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
	18,24.2	7,7	9,11	19,20		
FKGF4B	Identifiler® Plus					
		19,21		15		11,12
	1	10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
		7	9,11	19,20		
FMUKL8	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
	1	10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
	18,24.2	7,7	9,11	19,20		
FMVM2D	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
	1	10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
	18,24.2	7,7	9,11	19,20		
FNLTEH	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
	1	10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
	18,24.2	7	9,11	19,20		
FV2XBJ	GlobalFiler™ PCR Amplification Kit					
	11,16	19,21	10,11	15,15		11,12
	1	10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
	18,24.2	7,7	9,11	19,20		
FWZRVF	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
	1	10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

FXEYGW	PowerPlex® Fusion 6C					
		11,16	19,21	10,11	15	11,12
	1		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
	7,13	18,24.2	7	9,11	19,20	
FYP4RZ	Identifiler® Plus					
			19,21		15,15	11,12
	1		10,12	10,14		
		11,11	9,12		15,22	13,13
		27,31.2		X,Y	12,12	19,20
			7,7	9,11	19,20	
G2HK7D	PowerPlex® Fusion 5C					
		11,16	19,21	10,11	15	11,12
	1	NA	10,12	10,14	NA	12,14
		11	9,12	NA	15,22	13
		27,31.2	16	X,Y	12	19,20
	7,13	NA	7	9,11	19,20	
G3VYW8	GlobalFiler™					
		11,16	19,21	10,11	15,15	11,12
	1		10,12	10,14		12,14
		11,11	9,12		15,22	13,13
		27,31.2	16,16	X,Y	12,12	19,20
		18,24.2	7,7	9,11	19,20	
G48P4Q	GlobalFiler™					
		11,16	19,21	10,11	15,15	11,12
	1		10,12	10,14		12,14
		11,11	9,12		15,22	13,13
		27,31.2	16,16	X,Y	12,12	19,20
		18,24.2	7,7	9,11	19,20	
G76YBF	PowerPlex® Fusion 6C					
		11,16	19,21	10,11	15	11,12
	1		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
	7,13	18,24.2	7	9,11	19,20	
G8WV4F	GlobalFiler™					
		11,16	19,21	10,11	15	11,12
	1		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
		18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

GA3KXC	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
	1	10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
	18,24.2	7,7	9,11	19,20		
GBPDLY	PowerPlex® Fusion					
	11,16	19,21	10,11	15,15		11,12
	1	10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	7,7	9,11	19,20		
GBRZ6Y	Identifiler® Plus					
		19,21		15		11,12
	1	10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
		7	9,11	19,20		
GBTQCG	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
	1	10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
	18,24.2	7	9,11	19,20		
GD4JGG	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
	1	10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
	18,24.2	7	9,11	19,20		
GF4VXP	Identifiler® Direct					
	-	19,21	-	15	-	11,12
	1	10,12	10,14	-	-	-
	11	9,12	-	15,22	13	-
	27,31.2	-	X,Y	12	19,20	-
	-	7	9,11	19,20		
GG28TH	PowerPlex® Fusion					
	11,16	19,21	10,11	15,15		11,12
	1	10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	7,7	9,11	19,20		

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

GHDMXL	Identifiler® Plus, PowerPlex® Fusion 6C					
		11,16	19,21	10,11	15	11,12
	1		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
	7,13	18,24.2	7	9,11	19,20	
GJ6UGU	GlobalFiler™					
		11,16	19,21	10,11	15,15	11,12
	1		10,12	10,14		12,14
		11,11	9,12		15,22	13,13
		27,31.2	16,16	X,Y	12,12	19,20
		18,24.2	7,7	9,11	19,20	
GKFP68	PowerPlex® Fusion					
		11,16	19,21	10,11	15	11,12
	1		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
	7,13		7	9,11	19,20	
GKXX9	GlobalFiler™					
		11,16	19,21	10,11	15,15	11,12
	1		10,12	10,14		12,14
		11,11	9,12		15,22	13,13
		27,31.2	16,16	X,Y	12,12	19,20
		18,24.2	7,7	9,11	19,20	
GLXRYM	PowerPlex® Fusion 6C					
		11,16	19,21	10,11	15	11,12
	1		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
	7,13	18,24.2	7	9,11	19,20	
GM3DG8	PowerPlex® ESX-17 Fast & ESI-17 Fast					
		11,16	19,21	10,11	15	
	1			10,14		12,14
			9,12		15,22	13
		27,31.2	16	X,Y		19,20
		18,24.2	7		19,20	
GMDVUE	PowerPlex® Fusion 6C					
		11,16	19,21	10,11	15	11,12
	1		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
	7,13	18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

GQ6F4N	Identifiler®	19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
GQJRXL	Identifiler® Plus	19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
GREZVR	Identifiler® Plus	19,21	N/T	15,15	N/T	11,12
1		10,12	10,14	N/T	N/T	N/T
	11,11	9,12	N/T	15,22	13,13	N/T
	27,31.2	N/T	X,Y	12,12	19,20	N/T
	N/T	N/T	7,7	9,11	19,20	
GV4K79	GlobalFiler™	19,21	10,11	15		11,12
1	11,16		10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
GWDJLB	PowerPlex® Fusion 6C	19,21	10,11	15		11,12
1	11,16		10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
GWRBWE	PowerPlex® Fusion 5C, 6C	19,21	10,11	15		11,12
1	11,16		10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
GYZ8XB	Investigator® 24plex QS	19,21	10,11	15		11,12
1	11,16		10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

GZ9JED	GlobalFiler™					
		11,16	19,21	10,11	15	11,12
	1		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
		18,24.2	7	9,11	19,20	
H3A3JY	Identifiler®, PowerPlex® Fusion					
		11,16	19,21	10,11	15	11,12
	1		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
	7,13		7	9,11	19,20	10,11
H47CZV	GlobalFiler™					
		11,16	19,21	10,11	15	11,12
	1		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
		18,24.2	7	9,11	19,20	
H9JRCM	Identifiler® Plus, GlobalFiler™					
		11,16	19,21	10,11	15,15	11,12
	1		10,12	10,14		12,14
		11,11	9,12		15,22	13,13
		27,31.2	16,16	X,Y	12,12	19,20
		18,24.2	7,7	9,11	19,20	
HCL7YX	Identifiler® Plus					
		-	19,21	-	15,15	-
	1		10,12	10,14	-	-
		11,11	9,12	-	15,22	13,13
		27,31.2	-	X,Y	12,12	19,20
	-	-	7,7	9,11	19,20	-
HDYDPL	PowerPlex® Fusion 5C					
		11,16	19,21	10,11	15	11,12
	1		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
	7,13		7	9,11	19,20	10,11
HERJQX	Identifiler® Plus					
			19,21		15,15	11,12
	1		10,12	10,14		
		11,11	9,12		15,22	13,13
		27,31.2		X,Y	12,12	19,20
			7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 1 - STR Results

HFLAT6	PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
	1	10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
HGE4UF	Identifiler® Plus					
		19,21		15		11,12
	1	10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
		7	9,11	19,20		
HHTKTF	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
	1	10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
	18,24.2	7,7	9,11	19,20		
HHUH4B	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
	1	10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
HL9ZFZ	Identifiler® Plus					
		19,21		15		11,12
	1	10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
		7	9,11	19,20		
HLN7T6	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
	1	10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
	18,24.2	7,7	9,11	19,20		
HNEK32	Identifiler® Plus					
		19,21		15		11,12
	1	10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
		7	9,11	19,20		



TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

HPURMW	Identifiler® Plus					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
HVQ3J9	Identifiler® Plus					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
HYDGL	GlobalFiler™					
	11,16	19,21	10,11	15	-	11,12
1	-	10,12	10,14	-	12,14	19,20
	11	9,12	-	15,22	13	-
	27,31.2	16	X,Y	12	19,20	-
	-	18,24.2	7	9,11	19,20	
J23ZRL	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
J6KX4	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
J6LWGC	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
J8ZQZP	PowerPlex® Fusion 5C					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13		7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

JABET3	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
JB8RHF	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
JFG2DQ	PowerPlex® ESI 16 Fast					
	11,16	19,21	10,11	15,15		
1			10,14		12,14	19,20
		9,12		15,22	13,13	
	27,31.2	16,16	X,Y		19,20	
			7,7		19,20	
JFTDZG	Identifiler®					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
JGX6EX	Identifiler® Plus					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
JH4P3X	Identifiler® Plus					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
JJWXU	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 1 - STR Results

JKFG27	Identifiler® Plus	19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
JLLTQU	Identifiler® Plus	19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
JNCVWH	GlobalFiler™ Express	19,21	10,11	15		11,12
1	11,16	10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
JNREGF	PowerPlex® Fusion 6C	19,21	10,11	15		11,12
1	11,16	10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
JPHTFP	Identifiler® Direct	19,21	-	15	-	11,12
1	-	10,12	10,14	-	-	-
	11	9,12	-	15,22	13	-
	27,31.2	-	X,Y	12	19,20	-
	-	-	7	9,11	19,20	
JPNMVQ	Identifiler® Plus, Investigator® 24plex GO!	19,21	10,11	15,15		11,12
1	11,16	10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
JQFWD8	Identifiler® Plus	19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 1 - STR Results

JRAXKD	PowerPlex® 21					
	11,16	19,21		15		11,12
1	12,14	10,12	10,14			19,20
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
JRPTV6	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
JT2TRY	Identifiler®, PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
JT832C	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
JTMEC3	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
JUHNTY	Identifiler® Plus					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
JUZVWV	Identifiler® Plus					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
Penta E	SE33	TH01	TPOX	vWA		

Item 1 - STR Results

JVCLWY	GlobalFiler™					
1	11,16	19,21	10,11	15,15		11,12
		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
JW4L3B	PowerPlex® Fusion 6C					
1	11,16	19,21	10,11	15		11,12
		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
JZ7BJY	Identifiler® Plus					
1		19,21		15,15		11,12
		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
K4GYGZ	Identifiler® Plus, PowerPlex® Fusion 6C (Direct and Regular)					
1	11,16	19,21	10,11	15		11,12
		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
K6EC28	PowerPlex® Fusion					
1	11,16	19,21	10,11	15	N/A	11,12
	N/A	10,12	10,14	N/A	12,14	19,20
	11	9,12	N/A	15,22	13	N/A
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	N/A	7	9,11	19,20	
K6W8LU	Identifiler® Plus					
1		19,21		15,15		11,12
		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
K7CBM2	GlobalFiler™					
1	11,16	19,21	10,11	15,15		11,12
		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

K8ZZHE	PowerPlex® Fusion 6C					
		11,16	19,21	10,11	15	11,12
	1		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
	7,13	18,24.2	7	9,11	19,20	
K9BXTB	Identifiler® Plus					
			19,21		15	11,12
	1		10,12	10,14		
		11	9,12		15,22	13
		27,31.2		X,Y	12	19,20
			7	9,11	19,20	
K9HVB2	GlobalFiler™					
		11,16	19,21	10,11	15	11,12
	1		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
		18,24.2	7	9,11	19,20	
KANGP2	GlobalFiler™					
		11,16	19,21	10,11	15,15	11,12
	1		10,12	10,14		12,14
		11,11	9,12		15,22	13,13
		27,31.2	16,16	X,Y	12,12	19,20
		18,24.2	7,7	9,11	19,20	
KBEM2K	GlobalFiler™					
		11,16	19,21	10,11	15,15	11,12
	1		10,12	10,14		12,14
		11,11	9,12		15,22	13,13
		27,31.2	16,16	X,Y	12,12	19,20
		18,24.2	7,7	9,11	19,20	
KJRMNA	Identifiler® Plus, GlobalFiler™					
		11,16	19,21	10,11	15	11,12
	1		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
		18,24.2	7	9,11	19,20	
KKTDX	PowerPlex® Fusion 6C					
		11,16	19,21	10,11	15	11,12
	1		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
	7,13	18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 1 - STR Results

KKZTW4	PowerPlex® Fusion					
	11,16	19,21	10,11	15,15		11,12
		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	7,7	9,11	19,20		
KMNUQD	GlobalFiler™ PCR Amplification Kit					
	11,16	19,21	10,11	15,15		11,12
		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
	18,24.2	7,7	9,11	19,20		
KN32EF	Identifiler® Plus					
		19,21		15,15		11,12
		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
		7,7	9,11	19,20		
KQE9Y3	Identifiler® Plus, PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
KTDMAK	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15,15		11,12
		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	
KTFCF3	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
	18,24.2	7	9,11	19,20		
KTNF6F	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 1 - STR Results

KUU9WN	Identifiler® Plus	19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
KV3ANU	GlobalFiler™	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
KXU3P4	Identifiler®	19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
KVXVBV	PowerPlex® Fusion	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13		7,7	9,11	19,20	
L36LEP	Identifiler® Plus, Investigator® 24plex GO!	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
L3QVNT	GlobalFiler™	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
LALXP6	GlobalFiler™	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	



TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

LB2AE2	PowerPlex® PP21					
	11,16	19,21		15,15		11,12
1	12,14	10,12	10,14			19,20
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	10,11
	7,13		7,7	9,11	19,20	
LBWQGX	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
LC8T4W	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
LCC44A	Identifiler® Plus					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
LD2JAB	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
LFBF9M	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
LFTL6R	Identifiler® Plus					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 1 - STR Results

LGJRJW	Identifiler® Plus					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
LGPUJ3	COfiler® and Profiler Plus®, Identifiler® Plus, MiniFiler					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
LHVMU3	Identifiler®, MiniFiler					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
LK22L3	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
LMR7DE	GlobalFiler™ Express					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
LPB9YZ	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
LPUEED	Identifiler® Plus					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

LR2Z3D	Identifiler® Plus					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
LR6QHE	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15	NA	11,12
1	NA	10,12	10,14	NA	12,14	19,20
	11	9,12	NA	15,22	13	NA
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
LR9FKQ	Identifiler® Plus					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
LT32EH	GlobalFiler™ Express					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
LX9VW7	Identifiler® Plus					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
LXC9PU	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
M28236	GlobalFiler™ PCR Amplification Kit					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 1 - STR Results

M2J7LF	PowerPlex® 16					
				15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22		
	27,31.2		X,Y	12,12	19,20	10,11
	7,13		7,7	9,11	19,20	
M3V6HA	PowerPlex® Fusion 6C & 5C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
M77RQA	Identifiler® Plus					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
M7W98B	GlobalFiler™					
	11,16	19,21	10,11	15	-	11,12
1	-	10,12	10,14	-	12,14	19,20
	11	9,12	-	15,22	13	-
	27,31.2	16	X,Y	12	19,20	-
	-	18,24.2	7	9,11	19,20	
M8BQBG	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	
M92WPL	Identifiler® Direct					
	-	19,21	-	15	-	11,12
1	-	10,12	10,14	-	-	-
	11	9,12	-	15,22	13	-
	27,31.2	-	X,Y	12	19,20	-
	-	-	7	9,11	19,20	
ME9TK3	Identifiler®					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 1 - STR Results

MN3C9U	Identifiler® Plus	19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
MNCKXF	Identifiler®	19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
MNYQT2	Identifiler® Plus	19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
MPQXNY	GlobalFiler™	19,21	10,11	15,15		11,12
1	11,16		10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
MPZJVF	Investigator® 24plex 24plex QS	19,21	10,11	15,15		11,12
1	11,16		10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
MQ8Y48	PowerPlex® 21	19,21		15,15		11,12
1	11,16		10,14			19,20
	12,14	10,12				
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	10,11
	7,13		7,7	9,11	19,20	
MR2V42	GlobalFiler™ Express	19,21	10,11	15		11,12
1	11,16		10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

MTBH3F	GlobalFiler™ Express					
	11,16	19,21	10,11	15		11,12
		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
	18,24.2	7	9,11	19,20		
N4AQ84	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	18,24.2	7	9,11	19,20		
N6Y9TW	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
	18,24.2	7,7	9,11	19,20		
N7EEK9	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	18,24.2	7	9,11	19,20		
N8M3X8	GlobalFiler™					
	11,16	19,21	10,11	15,15	Not Tested	11,12
	Not Tested	10,12	10,14	Not Tested	12,14	19,20
	11,11	9,12	Not Tested	15,22	13,13	Not Tested
	27,31.2	16,16	X,Y	12,12	19,20	Not Tested
	18,24.2	7,7	9,11	19,20		
N9H7LT	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
	18,24.2	7	9,11	19,20		
NBB3ZF	Identifiler®					
		19,21		15,15		11,12
		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
		7,7	9,11	19,20		

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

NBN7M9	GlobalFiler™					
	11,16	19,21	10,11	15,15	Not Tested	11,12
	Not Tested	10,12	10,14	Not Tested	12,14	19,20
	11,11	9,12	Not Tested	15,22	13,13	Not Tested
	27,31.2	16,16	X,Y	12,12	19,20	Not Tested
	Not Tested	18,24.2	7,7	9,11	19,20	
NBQAF6	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
	Not Tested	10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
NDRLPQ	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
	Not Tested	10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
NDZGKJ	Identifiler® Plus					
		19,21		15,15		11,12
	Not Tested	10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
NJJ9PK	Identifiler® Plus, GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
	Not Tested	10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
NK97MV	Identifiler® Plus, PowerPlex® FUSION					
	11,16	19,21	10,11	15		11,12
	Not Tested	10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
NL6KCA	PowerPlex® Fusion 5c					
	11,16	19,21	10,11	15		11,12
	Not Tested	10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 1 - STR Results

NLKN82	Identifiler®, PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
NLQZ4X	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	
NM4RUU	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	
NNQW68	PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
NT97Z6	PowerPlex® Fusion 5C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
NTDKD6	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
NUK6WY	Identifiler® Plus					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	



TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 1 - STR Results

NVKXYD	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
	1	10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
	18,24.2	7,7	9,11	19,20		
NX7UD7	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
	1	10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
	18,24.2	7	9,11	19,20		
NXLDW3	Investigator® 24plex QS					
	11,16	19,21	10,11	15		11,12
	1	10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
	18,24.2	7	9,11	19,20		
NYUAH8	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15,15		11,12
	1	10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	
P6D4N4	Identifiler® Direct					
		19,21		15		11,12
	1	10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
		7	9,11	19,20		
PFMB46	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
	1	10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
PH24MJ	PowerPlex® Fusion					
	11,16	19,21	10,11	15,15		11,12
	1	10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13		7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

PJDQBY	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
PNBFKJ	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
PPHLUY	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
PQTNK4	Identifiler® Plus					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
PUWD7L	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
PVRTMP	PowerPlex® Fusion 5c					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
PX2K9C	GlobalFiler™ Express					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

PX3MRP	Identifiler® Plus, PowerPlex® 6C					
1	11,16	19,21	10,11	15		11,12
		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
PXDH6G	Identifiler®					
1		19,21		15		11,12
		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
PXWZTG	Identifiler® Plus					
1		19,21		15		11,12
		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
PZ4UQ8	Identifiler® Plus					
1		19,21		15		11,12
		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
Q2R9CH	Identifiler® Plus					
1		19,21		15,15		11,12
		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
Q39RQ3	Identifiler® Plus, GlobalFiler™					
1	11,16	19,21	10,11	15,15	n/a	11,12
	n/a	10,12	10,14	n/a	12,14	19,20
	11,11	9,12	n/a	15,22	13,13	n/a
	27,31.2	16,16	X,Y	12,12	19,20	n/a
	n/a	18,24.2	7,7	9,11	19,20	
Q3KNXR	GlobalFiler™					
1	11,16	19,21	10,11	15		11,12
		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 1 - STR Results

Q3QGB9	PowerPlex® Fusion 6C					
1	11,16	19,21	10,11	15		11,12
		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
Q4DE48	PowerPlex® Fusion 6C, PowerPlex® Fusion					
1	11,16	19,21	10,11	15		11,12
		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
Q4GFWE	Identifiler® Plus, GlobalFiler™					
1	11,16	19,21	10,11	15,15		11,12
		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
Q7MBQW	PowerPlex® Fusion 6C					
1	11,16	19,21	10,11	15		11,12
		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
Q8JQCU	Identifiler® Plus					
1		19,21		15,15		11,12
		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
Q9WDU9	GlobalFiler™ Express					
1	11,16	19,21	10,11	15		11,12
		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
QAP344	Identifiler® Plus, GlobalFiler™					
1	11,16	19,21	10,11	15,15		11,12
		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 1 - STR Results

QFETE6	Identifiler® Plus					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
QG6YTB	GlobalFiler™ Express					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
QH3ALR	Identifiler® Plus					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
QLLGDV	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
QMYNJF	Qiagen Investigator					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
QP4ENA	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
QQULRT	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

QU8GBW	Identifiler® Plus, GlobalFiler™					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
QUY9H6	Identifiler® Plus					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
QVA7X8	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
QWZCAR	Identifiler® Plus					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
QXAD4D	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	
R378Q7	Identifiler® Plus					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
R3QYNX	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

R4G633	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
R6BZK6	Identifiler® Plus					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
R7YXR6	GlobalFiler™					
	11,16	19,21	10,11	15,15	NA	11,12
1	NA	10,12	{10,14}	NA	12,14	19,20
	11,11	9,12	NA	15,22	13,13	NA
	27,31.2	16,16	X,Y	12,12	19,20	NA
	NA	18,24.2	7,7	9,11	19,20	
RFTEQR	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
RK86X9	GlobalFiler™ Express					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
RLRPC7	GlobalFiler™ PCR Amplification kit					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
RMQFFK	Identifiler® Plus					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 1 - STR Results

RPHZXB	GlobalFiler™ Express					
1	11,16	19,21	10,11	15,15		11,12
		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
RPWLDE	Identifiler®					
1		19,21		15		11,12
		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
RQM6WR	GlobalFiler™					
1	11,16	19,21	10,11	15,15		11,12
		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
RTDKDA	GlobalFiler™					
1	11,16	19,21	10,11	15,15		11,12
		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
RU3L6W	Identifiler®					
1	N/A	19,21	N/A	15,15	N/A	11,12
	N/A	10,12	10,14	N/A	N/A	N/A
	11,11	9,12	N/A	15,22	13,13	N/A
	27,31.2	N/A	X,Y	12,12	19,20	N/A
	N/A	N/A	7,7	9,11	19,20	
RUM3JD	PowerPlex® 16, Fusion, Fusion 6C, GlobalFiler™, Investigator® 24plex					
1	11,16	19,21	10,11	15,15		11,12
		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	
RUPRPV	Identifiler®					
1		19,21		15		11,12
		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	



TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 1 - STR Results

RWCL9H	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
RXC9H3	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
T4DAPA	Identifiler® Plus					
	NA	19,21	NA	15,15	NA	11,12
1		10,12	10,14	NA	NA	NA
	11,11	9,12	NA	15,22	13,13	NA
	27,31.2	NA	X,Y	12,12	19,20	NA
	NA	NA	7,7	9,11	19,20	
T63AWT	Identifiler® Plus, GlobalFiler™					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
T6AH3Z	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
T8772U	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
T8CFB8	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15	not tested	11,12
1		10,12	10,14	not tested	12,14	19,20
	11	9,12	not tested	15,22	13	not tested
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

T8NBLD	Identifiler®					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
T8V4T3	Identifiler® Plus					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
T8XUYK	Identifiler® Plus					
	NA	19,21	NA	15,15	NA	11,12
1	NA	10,12	10,14	NA	NA	NA
	11,11	9,12	NA	15,22	13,13	NA
	27,31.2	NA	X,Y	12,12	19,20	NA
	NA	NA	7,7	9,11	19,20	
TAYZ46	PowerPlex® Fusion					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16	X,Y	12,12	19,20	10,11
	7,13		7,7	9,11	19,20	
TECWRE	PowerPlex® Fusion					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13		7,7	9,11	19,20	
TEWNQQ	Identifiler® Plus					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
TGUZFC	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

THU7Q4	Identifiler® Plus	19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
TL978Y	GlobalFiler™ PCR Amplification Kit					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
TLFMPC	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
TLVYYG	PowerPlex® F6C					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	
TM2HYX	PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
TP7828	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
TRGY93	Identifiler® Direct					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

TRWDFC	Identifiler®, PowerPlex® ESI 17 Pro, NGM SElect					
1	11,16	19,21	10,11	15		11,12
		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
TWAYMX	Identifiler® Plus					
1		19,21		15		11,12
		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
TWEKBQ	Identifiler® Plus					
1		19,21		15,15		11,12
		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
TX4CZW	PowerPlex® PP21					
1	11,16	19,21		15		11,12
	12,14	10,12	10,14			19,20
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
U9GVXY	PowerPlex® Fusion					
1	11,16	19,21	10,11	15		11,12
		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
UBQAUK	GlobalFiler™					
1	11,16	19,21	10,11	15	-	11,12
	-	10,12	10,14	-	12,14	19,20
	11	9,12	-	15,22	13	-
	27,31.2	16	X,Y	12	19,20	-
	-	18,24.2	7	9,11	19,20	
UDV3JH	Identifiler® Plus					
1		19,21		15,15		11,12
		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

UEKCDQ	Identifiler® Plus, PowerPlex® Fusion					
1	11,16	19,21	10,11	15		11,12
		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
UEPNKV	PowerPlex® Fusion 6C, GlobalFiler™					
1	11,16	19,21	10,11	15		11,12
		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
UKE7T7	PowerPlex® Fusion 6C					
1	11,16	19,21	10,11	15		11,12
		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
UKT4X6	PowerPlex® 16					
1				15,15		11,12
		10,12	10,14			
	11,11	9,12		15,22		
	27,31.2		X,Y	12,12	19,20	10,11
	7,13		7,7	9,11	19,20	
ULMJWZ	GlobalFiler™					
1	11,16	19,21	10,11	15		11,12
		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
UMHV6M	PowerPlex® FUSION					
1	11,16	19,21	10,11	15		11,12
		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
UVWQWA	PowerPlex® Fusion					
1	11,16	19,21	10,11	15,15		11,12
		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13		7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

UW8RUU	Identifiler® Plus					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
UXPJ8K	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
V222L8	Investigator® 24plex QS					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
V43BDB	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
V494RC	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
V8HAJX	PowerPlex® ESI 16 Fast					
	11,16	19,21	10,11	15		
1			10,14		12,14	19,20
		9,12		15,22	13	
	27,31.2	16	X,Y		19,20	
			7		19,20	
V9YTXH	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 1 - STR Results

VBKGFA	Identifiler®	19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
VCGRDX	Identifiler® Plus	19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
VEMBEE	GlobalFiler™	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
VG4GF2	GlobalFiler™ PCR Amplification Kit	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
VGDM2R	Identifiler® Plus	19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
VHYFPE	GlobalFiler™	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
VKBZW4	PowerPlex® Fusion 6C	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

VKEJVR	PowerPlex® 21					
	11,16	19,21		15,15		11,12
1	12,14	10,12	10,14			19,20
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	10,11
	7,13		7,7	9,11	19,20	
VKNRMY	PowerPlex® F6C					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	
VL4WDB	GlobalFiler™ Express					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
VL6PAX	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
VLL2FG	Identifiler®, GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
VPGVAC	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
VQ2FF9	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	



TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

VTLJVT	Identifiler® Plus, GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
VUTNKB	Identifiler®					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
VUWCX9	Identifiler® Plus					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
VUYYFL	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	
WLGFU	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
VWAJLB	Identifiler® Plus					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
VXZYR	PowerPlex® 21					
	11,16	19,21		15,15		11,12
1	12,14	10,12	10,14			19,20
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	10,11
	7,13		7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 1 - STR Results

W7BKKZ	GlobalFiler™ Express					
		11,16	19,21	10,11	15	11,12
	1		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
		18,24.2	7	9,11	19,20	
WB2W3P	Identifiler® Plus					
			19,21		15	11,12
	1		10,12	10,14		
		11	9,12		15,22	13
		27,31.2		X,Y	12	19,20
			7	9,11	19,20	
WBY8W8	PowerPlex® Fusion 5C					
		11,16	19,21	10,11	15,15	11,12
	1		10,12	10,14		12,14
		11,11	9,12		15,22	13,13
		27,31.2	16,16	X,Y	12,12	19,20
	7,13		7,7	9,11	19,20	
WC2R6U	Identifiler® Plus					
			19,21		15,15	11,12
	1		10,12	10,14		
		11,11	9,12		15,22	13,13
		27,31.2		X,Y	12,12	19,20
			7,7	9,11	19,20	
WCBXAH	GlobalFiler™					
		11,16	19,21	10,11	15,15	11,12
	1		10,12	10,14		12,14
		11,11	9,12		15,22	13,13
		27,31.2	16,16	X,Y	12,12	19,20
		18,24.2	7,7	9,11	19,20	
WKAD4W	Investigator® 24plex 24plex QS					
		11,16	19,21	10,11	15	11,12
	1		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
		18,24.2	7	9,11	19,20	
WLM39U	GlobalFiler™					
		11,16	19,21	10,11	15,15	11,12
	1		10,12	10,14		12,14
		11,11	9,12		15,22	13,13
		27,31.2	16,16	X,Y	12,12	19,20
		18,24.2	7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 1 - STR Results

WLNVB9	Identifiler® Plus, PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
WMD9MY	Identifiler® Plus					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
WME2ND	Identifiler® Plus					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
WTLP3F	Identifiler® Plus					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
WUR4G9	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	
WWNG2F	PowerPlex® 6C					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	
WW96VV	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 1 - STR Results

WXVT7V	Identifiler®					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
WYMXEA	Identifiler®					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
WZJAB3	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
X2TLJQ	Identifiler® Plus					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
X6BY7Z	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
X6MW34	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	
X74Q6Y	PowerPlex® Fusion6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 1 - STR Results

X8WQCB	PowerPlex® Fusion 6C					
		11,16	19,21	10,11	15	11,12
	1	10,12		10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
	7,13	18,24.2	7	9,11	19,20	
X8ZDQ4	PowerPlex® Fusion 6C					
		11,16	19,21	10,11	15	11,12
	1	10,12		10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
	7,13	18,24.2	7	9,11	19,20	
XA2H4N	Identifiler® Plus, PowerPlex® Fusion 6C					
		11,16	19,21	10,11	15	11,12
	1	10,12		10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
	7,13	18,24.2	7	9,11	19,20	
XBKZMX	PowerPlex® Fusion 6C					
		11,16	19,21	10,11	15	11,12
	1	-	10,12	10,14	-	12,14
		11	9,12	-	15,22	13
		27,31.2	16	X,Y	12	19,20
	7,13	18,24.2	7	9,11	19,20	
XC8VXJ	PowerPlex® Fusion					
		11,16	19,21	10,11	15	11,12
	1	10,12		10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
	7,13		7	9,11	19,20	
XDN388	Identifiler® Plus					
			19,21		15,15	11,12
	1	10,12		10,14		
		11,11	9,12		15,22	13,13
		27,31.2		X,Y	12,12	19,20
			7,7	9,11	19,20	
XG7WAY	GlobalFiler™					
		11,16	19,21	10,11	15,15	11,12
	1	10,12		10,14		12,14
		11,11	9,12		15,22	13,13
		27,31.2	16,16	X,Y	12,12	19,20
		18,24.2	7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

XJCMC9	Identifiler® Plus	19,21		15,15		11,12
1		10,12	10,14			
		11,11	9,12	15,22	13,13	
		27,31.2	X,Y	12,12	19,20	
			7,7	9,11	19,20	
XJEA8	GlobalFiler™	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
		11,11	9,12	15,22	13,13	
		27,31.2	16,16	X,Y	12,12	19,20
		18,24.2	7,7	9,11	19,20	
XK2GT4	GlobalFiler™	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
		11,11	9,12	15,22	13,13	
		27,31.2	16,16	X,Y	12,12	19,20
		18,24.2	7,7	9,11	19,20	
XK64CH	GlobalFiler™	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
		11	9,12	15,22	13	
		27,31.2	16	X,Y	12	19,20
		18,24.2	7	9,11	19,20	
XLUVB8	Identifiler®	19,21		15		11,12
1		10,12	10,14			
		11	9,12	15,22	13	
		27,31.2	X,Y	12	19,20	
			7	9,11	19,20	
XNK2MR	Identifiler® Plus, Direct	19,21		15		11,12
1		10,12	10,14			
		11	9,12	15,22	13	
		27,31.2	X,Y	12	19,20	
			7	9,11	19,20	
XNLR3M	GlobalFiler™	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
		11,11	9,12	15,22	13,13	
		27,31.2	16,16	X,Y	12,12	19,20
		18,24.2	7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 1 - STR Results

XPBXZ8	Identifiler® Plus, GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
XQ9FMM	Identifiler® Plus, PowerPlex® Fusion 6C Direct					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
XRHKPP	Identifiler®					
	N/A	19,21	N/A	15,15	N/A	11,12
1		10,12	10,14	N/A	N/A	N/A
	11,11	9,12	N/A	15,22	13,13	N/A
	27,31.2	N/A	X,Y	12,12	19,20	N/A
	N/A	N/A	7,7	9,11	19,20	
XRMUZN	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
XTV6HZ	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
XU9T4K	Identifiler®, GlobalFiler™ Express					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
XURJ8D	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

XWBPEN	Identifiler® Plus, PowerPlex® FUSION					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
XWE6XF	Identifiler®					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
XYM4JA	Identifiler® Plus					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
XZDGV2	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	
Y3FY9M	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
Y7CC7K	Identifiler®, PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
Y7CHBL	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	



TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

Y7L4H3	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
YB6YRZ	Identifiler® Plus					
		19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
YCTRV6	Qiagen 24-plex QS					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
YD8YJ8	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
YDFFVJ	Identifiler®, PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
		9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
YFTUWY	Identifiler® Plus					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
YG4PHQ	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

YGGB3Z	PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
YGXN74	PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
YJPH8E	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
		18,24.2	7	9,11	19,20	
YM7W3Z	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
YNBMR3	Identifiler®, PowerPlex® Fusion 6C, GlobalFiler™, Identifiler Plus					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	
YNJBNN	Identifiler®, GlobalFiler™ Express					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
		18,24.2	7	9,11	19,20	
YNJL8X	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

YPRM6Q	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
YQKPLD	Identifiler®					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
YT97TZ	PowerPlex® Fusion 5C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
YTW7CY	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
YU8DBK	Identifiler® Plus, PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
YX268W	PowerPlex® FUSION 5C					
	11,16	19,21	10,11	15	NA	11,12
1	NA	10,12	10,14	NA	12,14	19,20
	11	9,12	NA	15,22	13	NA
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	NA	7	9,11	19,20	
YYDZVA	PowerPlex® Fusion					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13		7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

YYKXFL	Identifiler® Plus					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
Z2LCNW	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
Z44GZM	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
Z6Z8VT	Identifiler® Plus, GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
Z7EH3Y	PowerPlex® Fusion					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13		7,7	9,11	19,20	
Z9DULR	Identifiler® Plus					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
Z9WQXR	PowerPlex® ESI					
	11,16	19,21	10,11	15,15		
1			10,14		12,14	19,20
		9,12		15,22	13,13	
	27,31.2	16,16	X,Y		19,20	
		18,24.2	7,7		19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

ZA4HMN	Identifiler® Plus, MiniFiler, profiler® Plus					
1	19,21			15		11,12
	10,12		10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
ZAEQ6N	Identifiler® Plus					
1	19,21			15		11,12
	10,12		10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
ZBC23C	PowerPlex® Fusion 6C					
1	11,16	19,21	10,11	15		11,12
	10,12		10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
ZEPVQV	PowerPlex® Fusion 6C					
1	11,16	19,21	10,11	15,15		11,12
	10,12		10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	
ZFZA3Q	GlobalFiler™ PCR Amplification Kit					
1	11,16	19,21	10,11	15,15		11,12
	10,12		10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
		18,24.2	7,7	9,11	19,20	
ZGCD6A	PowerPlex® Fusion 6C					
1	11,16	19,21	10,11	15		11,12
	10,12		10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
ZMYCAP	Identifiler®, PowerPlex® Fusion					
1	11,16	19,21	10,11	15		11,12
	10,12		10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 1 - STR Results

ZPMMHV	Identifiler® Plus	19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
ZPR87X	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
ZTLP7Q	GlobalFiler™ PCR Amplification Kit					
	11,16	19,21	10,11	15,15		11,12
1		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
ZV8UU9	Identifiler®					
		19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
ZVHC8F	Identifiler® Plus					
	-	19,21	-	15,15	-	11,12
1		10,12	10,14	-	-	-
	11,11	9,12	-	15,22	13,13	-
	27,31.2	-	X,Y	12,12	19,20	-
	-	-	7,7	9,11	19,20	
ZVJ3KP	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
ZVYNR7	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 1 - STR Results

ZW4PL7	Identifiler® ID Plus	19,21		15,15		11,12
1		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
ZWEQWT	PowerPlex® Fusion 6C	19,21	10,11	15		11,12
1		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
ZX6WBX	Identifiler® Plus	19,21		15		11,12
1		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

22VQAJ	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
24E3NE	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
27C2BT	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13,13 12,17 17.3,20					
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
2AU4RY	GlobalFiler™ Express					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
2B4E3A	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
2BMC79	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
2C3F92	PowerPlex® Fusion Direct					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	



TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

2GBWAP	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
2H6MF4	Identifiler®					
		17,20		11,16		11,13
	2	10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
		7	11	17		
2KCPU9	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
2MBELF	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
2QFTK8	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
2QGL69	Identifiler® Direct					
	-	17,20	-	11,16	-	11,13
	2	10,12	13	-	-	-
	8,10	12	-	15	13,14	-
	28,30	-	X,X	12	20,21	-
	-	7	11	17		
2RAKFZ	Identifiler® Plus, PowerPlex® 16					
		17,20		11,16		11,13
	2	10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

2VQX7F	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
2WPKUE	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X,X	12	20,21	
	16,28.2	7	11	17		
2XG84M	Identifiler® Plus					
		17,20		11,16		11,13
	2	10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
		7	11	17		
2YZPR3	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
	16,28.2	7	11	17		
2ZYBXL	GlobalFiler™					
	16,17.3	17,20	11,14	<12,16		11,13
	2	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
	16,28.2	7,7	11,11	17,17		
32FQYU	Identifiler® Plus					
		17,20		11,16		11,13
	2	10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
		7,7	11,11	17,17		
32XUHT	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 2 - STR Results

34EM7V	GlobalFiler™ PCR amplification Kit					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13,13 12,17 17.3,20					
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
34FKGQ	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
34GWEZ	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
34PNLN	Identifiler® ID+					
		17,20		11,16		11,13
2	10,12 13,13 12,17 17.3,20					
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
372YUK	Identifiler®, GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
37KKNV	Identifiler® Plus, PowerPlex® Fusion 6C, GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
39VHDY	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13,13 12,17 17.3,20					
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

39Y6TR	PowerPlex® 21					
	16,17.3	17,20		11,16		11,13
2	11,11	10,12	13,13			17.3,20
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	
3B4L2V	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
3DAZQA	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
3EJZHA	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
3G2K34	Identifiler®					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
3G6J9T	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
3H29UF	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

3HC264	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
3HCYFY	Identifiler® +					
		17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
3HFWVG	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
3J28B4	Investigator® 24plex					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
3LMZ2C	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
3QQ7D9	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
3QTMKF	Identifiler®, PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 2 - STR Results

3R6KUQ	PowerPlex® Fusion 5C					
	16,17.3	17,20	11,14	11,16	NA	11,13
2	NA	10,12	13	NA	12,17	17.3,20
	8,10	12	NA	15	13,14	NA
	28,30	12,15	X	12	20,21	9
	7,11	NA	7	11	17	
3RLRZ9	PowerPlex® Fusion6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
3RUMW2	Identifiler® Plus					
	NA	17,20	NA	11,16	NA	11,13
2	NA	10,12	13,13	NA	NA	NA
	8,10	12,12	NA	15,15	13,14	NA
	28,30	NA	X,X	12,12	20,21	NA
	NA	NA	7,7	11,11	17,17	
3TZZ7M	Identifiler®					
	N/A	17,20	N/A	11,16	N/A	11,13
2	N/A	10,12	13,13	N/A	N/A	N/A
	8,10	12,12	N/A	15,15	13,14	N/A
	28,30	N/A	X,X	12,12	20,21	N/A
	N/A	N/A	7,7	11,11	17,17	
3VLZ74	Identifiler®					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
3WLME3	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
3XU2JM	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

3YUUL2	PowerPlex® Fusion6C					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12		13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
3YVRWX	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12		13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
3Z3E2P	PowerPlex® Fusion 5C					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12		13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
44FEZ2	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12		13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
44WJ6T	PowerPlex® Fusion 5C					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12		13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
467Q8L	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12		13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
46DQG3	Identifiler® Plus					
		17,20		11,16		11,13
2	10,12		13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 2 - STR Results

46TXU8	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
49L7RL	Identifiler®					
	n/a	17,20	n/a	11,16	n/a	11,13
2		10,12	13,13	n/a	n/a	n/a
	8,10	12,12	n/a	15,15	13,14	n/a
	28,30	n/a	X,X	12,12	20,21	n/a
	n/a	n/a	7,7	11,11	17,17	
4AMW7G	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
4AMX6L	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
4CVXHF	Identifiler®					
		17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
4JA4TD	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
4K79KE	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	



TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

4LZA8H	Identifiler®, GlobalFiler™ Express					
	16,17.3	17,20	11,14	<12,16		11,13
2	10,12					
	8,10	12		15	13,14	
	28,30					
		12,15	X	12	20,21	
		16,28.2	7	11	17	
4MPKYB	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12					
	8,10	12,12		15,15	13,14	
	28,30					
		12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
4RFCBT	GlobalFiler™					
	16,17.3	17,20	11,14	11,16	NA	11,13
2	NA					
	8,10	12,12	NA	15,15	13,14	NA
	28,30					
		12,15	X,X	12,12	20,21	NA
	NA	16,28.2	7,7	11,11	17,17	
4RKC78	Identifiler® Plus					
		17,20		11,16		11,13
2	10,12					
	8,10	12,12		15,15	13,14	
	28,30					
			X,X	12,12	20,21	
			7,7	11,11	17,17	
4V2NYH	Identifiler® Plus, Direct					
		17,20		11,16		11,13
2	10,12					
	8,10	12		15	13,14	
	28,30					
			X	12	20,21	
			7	11	17	
4V9EMU	Identifiler® Plus					
		17,20		11,16		11,13
2	10,12					
	8,10	12		15	13,14	
	28,30					
			X	12	20,21	
			7	11	17	
4VLBNR	Identifiler® Plus, MiniFiler					
		17,20		11,16		11,13
2	10,12					
	8,10	12,12		15,15	13,14	
	28,30					
			X,X	12,12	20,21	
			7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

4WATHX	PowerPlex® Fusion 6C					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13,13		12,17
		8,10	12,12		15,15	13,14
		28,30	12,15	X,X	12,12	20,21
	7,11	16,28.2	7,7	11,11	17,17	
4WX7C6	PowerPlex® Fusion 6C					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
	7,11	16,28.2	7	11	17	
4YM6WV	GlobalFiler™					
		16,17.3	17,20	11,14	11,16	-
	2		10,12	13,13	-	12,17
		8,10	12,12	-	15,15	13,14
		28,30	12,15	X,X	12,12	20,21
	-	16,28.2	7,7	11,11	17,17	
628KE2	Identifiler® Plus					
			17,20		11,16	11,13
	2		10,12	13,13		
		8,10	12,12		15,15	13,14
		28,30		X,X	12,12	20,21
			7,7	11,11	17,17	
62BY9P	PowerPlex® PP21					
		16,17.3	17,20		11,16	11,13
	2		10,12	13,13		17.3,20
		8,10	12,12		15,15	13,14
		28,30		X,Y	12,12	20,21
	7,11		7,7	11,11	17,17	
63VX3L	GlobalFiler™					
		16,17.3	17,20	11,14	<12,16	11,13
	2		10,12	13,13		12,17
		8,10	12,12		15,15	13,14
		28,30	12,15	X,X	12,12	20,21
		16,28.2	7,7	11,11	17,17	
67GQ6F	GlobalFiler™					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13,13		12,17
		8,10	12,12		15,15	13,14
		28,30	12,15	X,X	12,12	20,21
		16,28.2	7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 2 - STR Results

694FEL	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
69LHWU	PowerPlex® 5C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
6AW8DK	Identifiler®					
	N/A	17,20	N/A	11,16	N/A	11,13
2	N/A	10,12	13,13	N/A	N/A	N/A
	8,10	12,12	N/A	15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
6AXUJK	Identifiler®					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
6C4MKQ	Identifiler® Plus, PowerPlex® Fusion 6C, GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
6G6LEH	PowerPlex® 21					
	16,17.3	17,20		11,16		11,13
2	11,11	10,12	13,13			17.3,20
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	
6HTBAU	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 2 - STR Results

6J48ML	Identifiler® Plus	17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
6J6CFW	GlobalFiler™	17,20	11,14	11,16		11,13
2	16,17.3	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
6KHEBN	Identifiler® Plus	17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X,X	12	20,21	
			7	11	17	
6L8XT2	GlobalFiler™	17,20	11,14	11,16		11,13
2	16,17.3	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
6NMWTH	PowerPlex® 21	17,20		11,16		11,13
2	16,17.3	10,12	13,13			17.3,20
	11,11	12,12		15,15	13,14	
	8,10					
	28,30		X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	
6PEYBR	Identifiler® Plus	17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
6PTFFT	PowerPlex® Fusion 6C	17,20	11,14	11,16		11,13
2	16,17.3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 2 - STR Results

6U2FJQ	PowerPlex® ESI 16, NGM					
	16,17.3	17,20	11,14	11,16		
2			13		12,17	17.3,20
		12		15	13,14	
	28,30	12,15	X		20,21	
			7		17	
6UBGVY	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2			13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
6X93M2	PowerPlex® Fusion 6C Direct					
	16,17.3	17,20	11,14	11,16		11,13
2			13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
6YJ3JV	GlobalFiler™ Express					
	16,17.3	17,20	11,14	11,16		11,13
2			13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
6YXFYR	Identifiler® Plus, GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2			13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
6ZB9VF	Identifiler® Plus, PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2			13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
747G4U	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16	Not Tested	11,13
2	Not Tested	10,12	13,13	Not Tested	12,17	17.3,20
	8,10	12,12	Not Tested	15,15	13,14	Not Tested
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	Not Tested	7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

76QQYH	PowerPlex® 21					
	16,17.3	17,20		11,16		11,13
2	11,11	10,12	13,13			17.3,20
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	
778KVG	PowerPlex® 16 and Fusion					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	
7BBXDG	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
7DPV6C	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
7EQLFZ	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
7EU6JV	PowerPlex® Fusion 6C Direct					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
7F8MUN	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

7KT7RR	GlobalFiler™					
	16,17.3	17,20	11,14	11,16	N/A	11,13
2	N/A	10,12	13,13	N/A	12,17	17.3,20
	8,10	12,12	N/A	15,15	13,14	N/A
	28,30	12,15	X,X	12,12	20,21	N/A
	N/A	16,28.2	7,7	11,11	17,17	
7M2XG6	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
7MJRD9	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
7MMFTQ	GlobalFiler™ Express					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
7NF63L	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
7PDL8W	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
7RFGXL	Identifiler® Plus, GlobalFiler™					
	16,17.3	17,20	11,14	11,16	NT	11,13
2	NT	10,12	13,13	NT	12,17	17.3,20
	8,10	12,12	NT	15,15	13,14	NT
	28,30	12,15	X,X	12,12	20,21	NT
	NT	16,28.2	7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 2 - STR Results

7RRD4Q	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
7TNQT4	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13,13 12,17 17.3,20					
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
7UL2LL	Identifiler® Plus, GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13,13 12,17 17.3,20					
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
7UZCCD	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
7X63WZ	GlobalFiler™ Express					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13,13 12,17 17.3,20					
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
7ZRJ8T	Identifiler® Plus, MiniFiler					
		17,20		11,16		11,13
2	10,12 13					
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
82G9UT	Identifiler®					
		17,20		11,16		11,13
2	10,12 13					
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	



TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 2 - STR Results

86KVTH	COfiler® and Profiler Plus®, Identifiler® Plus, MiniFiler (see also Part IV [Table 7])					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
86WTPL	Identifiler® Plus, GlobalFiler™, MiniFiler					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
86YZW3	Identifiler® Plus					
		17,20		<12,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
876KK3	Identifiler® Plus					
	NT	17,20	NT	<12,16	NT	11,13
2	NT	10,12	13,13	NT	NT	NT
	8,10	12,12	NT	15,15	13,14	NT
	28,30	NT	X,X	12,12	20,21	NT
	NT	NT	7,7	11,11	17,17	
879LNU	GlobalFiler™ Express					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
87QJVZ	PowerPlex®					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	
89XWG9	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 2 - STR Results

8BZUPF	PowerPlex® Fusion 5C					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X,X	12	20,21	9
	7,11		7	11	17	
8GNNGL	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
8H2QE2	Identifiler® Plus, GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13,13 12,17 17.3,20					
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
8JXPME	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13,13 12,17 17.3,20					
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
8M2BNX	Identifiler® Plus, MiniFiler					
		17,20		11,16		11,13
2	10,12 13,13 12,17 17.3,20					
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
8M4Y8W	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
8NU6JG	GlobalFiler™ GlobalFiler Express					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 2 - STR Results

8RCDLM	Identifiler® Plus, GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
8RPR6P	PowerPlex® Fusion 5C & 6C, GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
8T64R2	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	
8TJQ4N	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
8TNWZQ	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
8W3QJ4	PowerPlex® F6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
8WNC2L	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

8WUF3R	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
8YAFTM	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
8ZLQQW	Identifiler® Plus, MiniFiler					
		17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
8ZNEAW	Identifiler®					
		17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
92YFUA	Identifiler® Plus					
	-	17,20	-	11,16	-	11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30	-	X,X	12,12	20,21	-
	-	-	7,7	11,11	17,17	
938TCB	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
93TJ8G	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 2 - STR Results

96FZKV	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
982P23	Identifiler®					
		17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
982WYN	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
98ZYNR	GlobalFiler™ Express					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
9A4TBB	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
9A93KP	Identifiler® Plus, PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
9BZ4L7	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

9CADYB	Identifiler® Plus, PowerPlex® FUSION					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12					
	8,10	12		15	13,14	
	28,30		X	12	20,21	9
	7,11		7	11	17	
9D6RNP	PowerPlex® Fusion 5C, 6C, GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12					
	8,10	12		15	13,14	
	28,30		X	12	20,21	9
	7,11	16,28.2	7	11	17	
9DQ8GY	GlobalFiler™ Express					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12					
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
9FBMKU	Identifiler®					
		17,20		11,16		11,13
2	10,12					
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
9H36TR	GlobalFiler™ Express					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12					
	8,10	12		15	13,14	
	28,30		X	12	20,21	
		16,28.2	7	11	17	
9H48C6	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12					
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
9K2NBR	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12					
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

9MCD7P	PowerPlex® FUSION 6C					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
9P33CJ	GlobalFiler™ PCR Amplification Kit					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13,13 12,17 17.3,20					
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
9ZK6PP	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
A2UKLM	Identifiler® Plus					
		17,20		11,16		11,13
2	10,12 13					
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
A37CGP	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16	N/A	11,13
2	N/A 10,12 13 N/A 12,17 17.3,20					
	8,10	12	N/A	15	13,14	N/A
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
A6CX9W	PowerPlex® FUSION 6C					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
A734M2	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 2 - STR Results

A8DUM6	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	
A9T8F9	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
AAFBL	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
ABJ47N	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
ACPXFT	PowerPlex® Fusion 5C, Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
AE9C3W	Identifiler® Plus					
		17,20		<12,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
AFP43K	PowerPlex® Fusion 5C					
	16,17.3	17,20	11,14	11,16	NA	11,13
2	NA	10,12	13	NA	12,17	17.3,20
	8,10	12	NA	15	13,14	NA
	28,30	12,15	X	12	20,21	9
	7,11	NA	7	11	17	



TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

AJWDCV	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
AK4RN4	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
AKMF7X	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	
AMQMFW	Identifiler® Plus					
		17,20		<12,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
ANHBKQ	Identifiler®					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
APC4FA	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
AVLB4T	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

AWD8V9	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
	16,28.2	7	11	17		
AXWWAM	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
AYKPRJ	Identifiler® Plus, GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
	16,28.2	7,7	11,11	17,17		
AZA38F	Identifiler®					
	N/A	17,20	N/A	11,16	N/A	11,13
	2	10,12	13,13	N/A	N/A	N/A
	8,10	12,12	N/A	15,15	13,14	N/A
	28,30	N/A	X,X	12,12	20,21	N/A
	N/A	N/A	7,7	11,11	17,17	
AZX7ZQ	PowerPlex®					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X,X	12	20,21	9
	7,11		7	11	17	
B2LWNF	PowerPlex® Fusion 5C					
	16,17.3	17,20	11,14	11,16	NA	11,13
	2	10,12	13	NA	12,17	17.3,20
	8,10	12	NA	15	13,14	NA
	28,30	12,15	X	12	20,21	9
	7,11	NA	7	11	17	
B3EZ39	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
	16,28.2	7,7	11,11	17,17		

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

B48B3W	Identifiler® Plus	17,20		<12,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
B6JHEJ	PowerPlex® 21	17,20	-	11,16	-	11,13
2		10,12	13,13	-	-	17.3,20
	8,10	12,12	-	15,15	13,14	-
	28,30	-	X,X	12,12	20,21	9,9
	7,11	-	7,7	11,11	17,17	
B7JHQ6	Identifiler® Plus	17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
B8BPL2	Identifiler® Prep n Go	17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
B8D8RD	GlobalFiler™ Express	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
B8UTN4	GlobalFiler™	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
BC78AE	Identifiler® Plus	17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

BDY3TG	Identifiler®					
		17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
BGZF79	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
BJ7KYW	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
BKHBD8	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
BN47ZZ	Identifiler®					
		17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
BNJCGB	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
BQZHBK	GlobalFiler™					
	16,17.3	17,20	11,14	11,16	N/A	11,13
2	N/A	10,12	13,13	N/A	12,17	17.3,20
	8,10	12,12	N/A	15,15	13,14	N/A
	28,30	12,15	X,X	12,12	20,21	N/A
	N/A	16,28.2	7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

BRLDFL	Identifiler® Plus	17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
BRM3QB	Identifiler® Plus, PowerPlex® Fusion 6C	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
BU2ZH7	Identifiler®, PowerPlex® Fusion	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	
BUKV98	GlobalFiler™	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
BWT3F8	Identifiler® Plus	17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
BX3488	Identifiler®, PowerPlex® Fusion	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
BX7H72	Identifiler® Plus	17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 2 - STR Results

BYT82E	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
	16,28.2	7	11	17		
C24BLH	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
	16,28.2	7	11	17		
C2KM4M	Identifiler® Plus					
		17,20		11,16		11,13
	2	10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
		7	11	17		
C2XB9V	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
	16,28.2	7,7	11,11	17,17		
C4CG6X	Identifiler® Plus					
		17,20		11,16		11,13
	2	10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
		7	11	17		
C8PBTH	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
C93U4Z	Identifiler® Plus					
		17,20		11,16		11,13
	2	10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
		7,7	11,11	17,17		

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

CAVX7M	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
CB6UP6	Identifiler®, PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
CB9C6G	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
CBP24H	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
CC6WRG	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13,13 12,17 17.3,20					
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
CCD3UJ	Identifiler® Plus, PowerPlex® Fusion 6C, GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
CDYHJM	Identifiler® Plus					
		17,20		11,16		11,13
2	10,12 13,13					
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 2 - STR Results

CEVTHV	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
CGZJMQ	GlobalFiler™ Express					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
CM4MB4	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
CMJP66	Identifiler®, PowerPlex® Fusion 5C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
CPBPG9	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
CTJY4P	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
CVALRR	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	



TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 2 - STR Results

CVTGAT	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	
CVU6YJ	Identifiler®					
		17,20		11,16		11,13
	2	10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
		7	11	17		
CW8YDY	PowerPlex® F6C					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
CX2ET3	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
CX6VCU	Identifiler® Plus					
		17,20		11,16		11,13
	2	10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
		7,7	11,11	17,17		
D4NK9N	GlobalFiler™ Express					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
D79NN9	Identifiler® Plus and Direct					
		17,20		11,16		11,13
	2	10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
		7	11	17		

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 2 - STR Results

D93D8U	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
DBL9T9	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13,13 12,17 17.3,20					
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
DCCHT3	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13,13 12,17 17.3,20					
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
DD9Y6Y	Identifiler® Plus					
		17,20		11,16		11,13
2	10,12 13					
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
DG8EDM	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13,13 12,17 17.3,20					
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
DJDY2M	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13,13 12,17 17.3,20					
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
DM23JU	Identifiler® Identifiler Plus					
		17,20		11,16		11,13
2	10,12 13,13					
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

DQRPH8	Identifiler® Plus, GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12					
	8,10	12		15	13,14	
	28,30					
		12,15	X	12	20,21	
		16,28.2	7	11	17	
DR9WTV	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12					
	8,10	12		15	13,14	
	28,30					
		12,15	X,X	12	20,21	
		16,28.2	7	11	17	
DX4BBD	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12					
	8,10	12,12		15,15	13,14	
	28,30					
		12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
DYLZQH	Identifiler® Plus, PowerPlex® 6C, GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12					
	8,10	12		15	13,14	
	28,30					
		12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
DZNAEA	Identifiler®, GlobalFiler™ Express					
	16,17.3	17,20	11,14	<12,16		11,13
2	10,12					
	8,10	12		15	13,14	
	28,30					
		12,15	X	12	20,21	
		16,28.2	7	11	17	
E2QM4L	Identifiler®					
		17,20		11,16		11,13
2	10,12					
	8,10	12		15	13,14	
	28,30					
			X	12	20,21	
			7	11	17	
E2RHPD	Identifiler® Plus					
		17,20		11,16		11,13
2	10,12					
	8,10	12		15	13,14	
	28,30					
			X	12	20,21	
			7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

E2WYZJ	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
E6RFQD	GlobalFiler™ PCR Amplification kit					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13,13 12,17 17.3,20					
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
E6UG3R	PowerPlex® ESI16, in-house					
	16,17.3	17,20	11,14	11,16		
2	13 12,17 17.3,20					
		12		15	13,14	
	28,30	12,15	X		20,21	
			7		17	
EA7DYE	PowerPlex® Fusion 6C, Investigator® 24plex					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
EAMLM9	GlobalFiler™ Express					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
EAZCJ7	Identifiler® Plus, Direct					
		17,20		11,16		11,13
2	10,12 13					
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
EBEJ6M	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13,13 12,17 17.3,20					
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

ECFFPJ	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
EGQHM9	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
EGTDZC	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
EKB98B	PowerPlex® ESX16Fast					
	16,17.3	17,20	11,14	11,16		
2			13		12,17	17.3,20
		12		15	13,14	
	28,30	12,15	X		20,21	
			7		17	
ELLF3Q	GlobalFiler™ Express					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
EN83LE	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
ENAUNF	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

EPG4QK	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
EPVMD4	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
ERKYAN	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
ETDVC4	Identifiler® ID28, PowerPlex® Fusion, Fusion					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
EUCRCY	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
EUT7E3	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
EUUU6T	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

F262ZH	GlobalFiler™ PCR Amplification Kit					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
F27G79	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
F2RT6G	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X,X	12	20,21	9
	7,11	16,28.2	7	11	17	
F794CJ	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
F7BRVH	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
F8CPDJ	GlobalFiler™ Express					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
F9KABC	PowerPlex® Fusion 5C					
	16,17.3	17,20	11,14	11,16	NA	11,13
2	NA	10,12	13	NA	12,17	17.3,20
	8,10	12	NA	15	13,14	NA
	28,30	12,15	X	12	20,21	9
	7,11	NA	7	11	17	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

FGHVM7	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
	16,28.2	7,7	11,11	17,17		
FKGF4B	Identifiler® Plus					
		17,20		11,16		11,13
	2	10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
		7	11	17		
FMUKL8	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
	16,28.2	7,7	11,11	17,17		
FMVM2D	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
	16,28.2	7,7	11,11	17,17		
FNLTEH	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
	16,28.2	7	11	17		
FV2XBJ	GlobalFiler™ PCR Amplification Kit					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
	16,28.2	7,7	11,11	17,17		
FWZRVF	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	



TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 2 - STR Results

FXEYGW	PowerPlex® Fusion 6C					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
		7,11	16,28.2	7	11	17
FYP4RZ	Identifiler® Plus					
			17,20		11,16	11,13
	2		10,12	13,13		
		8,10	12,12		15,15	13,14
		28,30		X,X	12,12	20,21
				7,7	11,11	17,17
G2HK7D	PowerPlex® Fusion 5C					
		16,17.3	17,20	11,14	11,16	NA
	2		10,12	13	NA	12,17
		8,10	12	NA	15	13,14
		28,30	12,15	X	12	20,21
		7,11	NA	7	11	17
G3VYW8	GlobalFiler™					
		16,17.3	17,20	11,14	<12,16	11,13
	2		10,12	13,13		12,17
		8,10	12,12		15,15	13,14
		28,30	12,15	X,X	12,12	20,21
			16,28.2	7,7	11,11	17,17
G48P4Q	GlobalFiler™					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13,13		12,17
		8,10	12,12		15,15	13,14
		28,30	12,15	X,X	12,12	20,21
			16,28.2	7,7	11,11	17,17
G76YBF	PowerPlex® Fusion 6C					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
		7,11	16,28.2	7	11	17
G8WV4F	GlobalFiler™					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
			16,28.2	7	11	17

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 2 - STR Results

GA3KXC	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
	16,28.2	7,7	11,11	17,17		
GBPDLY	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	7,7	11,11	17,17		
GBRZ6Y	Identifiler® Plus					
		17,20		11,16		11,13
	2	10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
		7	11	17		
GBTQCG	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
	16,28.2	7	11	17		
GD4JGG	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
	16,28.2	7	11	17		
GF4VXP	Identifiler® Direct					
	-	17,20	-	11,16	-	11,13
	2	10,12	13	-	-	-
	8,10	12	-	15	13,14	-
	28,30	-	X,X	12	20,21	-
	-	7	11	17		
GG28TH	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	7,7	11,11	17,17		

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

GHDMXL	Identifiler® Plus, PowerPlex® Fusion 6C					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
		7,11	16,28.2	7	11	17
GJ6UGU	GlobalFiler™					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13,13		12,17
		8,10	12,12		15,15	13,14
		28,30	12,15	X,X	12,12	20,21
			16,28.2	7,7	11,11	17,17
GKFP68	PowerPlex® Fusion					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
		7,11		7	11	17
GKXX9	GlobalFiler™					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13,13		12,17
		8,10	12,12		15,15	13,14
		28,30	12,15	X,X	12,12	20,21
			16,28.2	7,7	11,11	17,17
GLXYM	PowerPlex® Fusion 6C					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
		7,11	16,28.2	7	11	17
GM3DG8	PowerPlex® ESX-17 Fast & ESI-17 Fast					
		16,17.3	17,20	11,14	11,16	
	2			13		12,17
			12		15	13,14
		28,30	12,15	X		20,21
			16,28.2	7		17
GMDVUE	PowerPlex® Fusion 6C					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
		7,11	16,28.2	7	11	17

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

GQ6F4N	Identifiler®	17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
GQJRXL	Identifiler® Plus	17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
GREZVR	Identifiler® Plus	17,20		<12,16		11,13
2	N/T	10,12	13,13	N/T	N/T	N/T
	8,10	12,12	N/T	15,15	13,14	N/T
	28,30	N/T	X,X	12,12	20,21	N/T
	N/T	N/T	7,7	11,11	17,17	
GV4K79	GlobalFiler™	17,20	11,14	11,16		11,13
2	16,17.3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
GWDJLB	PowerPlex® Fusion 6C	17,20	11,14	11,16		11,13
2	16,17.3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
GWRBWE	PowerPlex® Fusion 5C, 6C	17,20	11,14	11,16		11,13
2	16,17.3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
GYZ8XB	Investigator® 24plex QS	17,20	11,14	11,16		11,13
2	16,17.3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

GZ9JED	GlobalFiler™					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
		16,28.2	7	11	17	
H3A3JY	Identifiler®, PowerPlex® Fusion					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
	7,11		7	11	17	9
H47CZV	GlobalFiler™					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
		16,28.2	7	11	17	
H9JRCM	Identifiler® Plus, GlobalFiler™					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13,13		12,17
		8,10	12,12		15,15	13,14
		28,30	12,15	X,X	12,12	20,21
		16,28.2	7,7	11,11	17,17	
HCL7YX						
		-	17,20	-	11,16	-
	2		10,12	13,13	-	-
		8,10	12,12	-	15,15	13,14
		28,30	-	X,X	12,12	20,21
	-	-	7,7	11,11	17,17	
HDYDPL	PowerPlex® Fusion 5C					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
	7,11		7	11	17	9
HERJQX	Identifiler® Plus					
			17,20		11,16	11,13
	2		10,12	13,13		
		8,10	12,12		15,15	13,14
		28,30		X,X	12,12	20,21
			7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

HFLAT6	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
HGE4UF	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
HHTKTF	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
HHUH4B	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
HL9ZFZ	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
HLN7T6	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
HNEK32	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 2 - STR Results

HPURMW	Identifiler® Plus	17,20		11,16		11,13	
2		10,12	13,13				
	8,10	12,12		15,15	13,14		
	28,30		X,X	12,12	20,21		
			7,7	11,11	17,17		
HVQ3J9	Identifiler® Plus	17,20		11,16		11,13	
2		10,12	13,13				
	8,10	12,12		15,15	13,14		
	28,30		X,X	12,12	20,21		
			7,7	11,11	17,17		
HYTDLG	GlobalFiler™	16,17.3	17,20	11,14	11,16	-	11,13
2		-	10,12	13	-	12,17	17.3,20
	8,10	12		-	15	13,14	-
	28,30	12,15	X	12	12	20,21	-
	-	16,28.2	7	11	11	17	
J23ZRL	PowerPlex® Fusion 6C	16,17.3	17,20	11,14	11,16		11,13
2			10,12	13		12,17	17.3,20
	8,10	12			15	13,14	
	28,30	12,15	X	12	12	20,21	9
	7,11	16,28.2	7	11	11	17	
J6KXM4	GlobalFiler™	16,17.3	17,20	11,14	11,16		11,13
2			10,12	13,13		12,17	17.3,20
	8,10	12,12			15,15	13,14	
	28,30	12,15	X,X	12,12	12,12	20,21	
		16,28.2	7,7	11,11	11,11	17,17	
J6LWGC	PowerPlex® Fusion 6C	16,17.3	17,20	11,14	11,16		11,13
2			10,12	13		12,17	17.3,20
	8,10	12			15	13,14	
	28,30	12,15	X	12	12	20,21	9
	7,11	16,28.2	7	11	11	17	
J8ZQZP	PowerPlex® Fusion 5C	16,17.3	17,20	11,14	11,16		11,13
2			10,12	13,13		12,17	17.3,20
	8,10	12,12			15,15	13,14	
	28,30	12,15	X,X	12,12	12,12	20,21	9,9
	7,11		7,7	11,11	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 2 - STR Results

JABET3	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
JB8RHF	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13,13 12,17 17.3,20					
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
JFG2DQ	PowerPlex® ESI 16 Fast					
	16,17.3	17,20	11,14	11,16		
2	13,13 12,17 17.3,20					
		12,12		15,15	13,14	
	28,30	12,15	X,X		20,21	
			7,7		17,17	
JFTDZG	Identifiler®					
		17,20		11,16		11,13
2	10,12 13,13					
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
JGX6EX	Identifiler® Plus					
		17,20		11,16		11,13
2	10,12 13,13					
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
JH4P3X	Identifiler® Plus					
		17,20		11,16		11,13
2	10,12 13,13					
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
JJWXU	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	



TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

JKFG27	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
JLLTQU	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
JNCVWH	GlobalFiler™ Express					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
JNREGF	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
JPHTFP	Identifiler® Direct					
	-	17,20	-	11,16	-	11,13
2		10,12	13	-	-	-
	8,10	12	-	15	13,14	-
	28,30	-	X,X	12	20,21	-
	-	-	7	11	17	
JPNMVQ	Identifiler® Plus, Investigator® 24plex GO!					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
JQFWD8	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 2 - STR Results

JRAXKD	PowerPlex® 21					
	16,17.3	17,20		11,16		11,13
2	11	10,12	13			17.3,20
	8,10	12		15	13,14	
	28,30		X	12	20,21	9
	7,11		7	11	17	
JRPTV6	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
JT2TRY	Identifiler®, PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
JT832C	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
JTMEC3	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
JUHNTY	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
JUZVWV	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 2 - STR Results

JVCLWY	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
JW4L3B	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
JZ7BJY	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
K4GYGZ	Identifiler® Plus, PowerPlex® Fusion 6C (Direct and Regular)					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
K6EC28	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16	N/A	11,13
2	N/A	10,12	13	N/A	12,17	17.3,20
	8,10	12	N/A	15	13,14	N/A
	28,30	12,15	X	12	20,21	9
	7,11	N/A	7	11	17	
K6W8LU	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
K7CBM2	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 2 - STR Results

K8ZZHE	PowerPlex® Fusion 6C					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
		7,11	16,28.2	7	11	17
K9BXTB	Identifiler® Plus					
			17,20		11,16	11,13
	2		10,12	13		
		8,10	12		15	13,14
		28,30		X	12	20,21
				7	11	17
K9HVB2	GlobalFiler™					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X,X	12	20,21
			16,28.2	7	11	17
KANGP2	GlobalFiler™					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13,13		12,17
		8,10	12,12		15,15	13,14
		28,30	12,15	X,X	12,12	20,21
			16,28.2	7,7	11,11	17,17
KBEM2K	GlobalFiler™					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13,13		12,17
		8,10	12,12		15,15	13,14
		28,30	12,15	X,X	12,12	20,21
			16,28.2	7,7	11,11	17,17
KJRMNA	Identifiler® Plus, GlobalFiler™					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
			16,28.2	7	11	17
KKTDXX	PowerPlex® Fusion 6C					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
		7,11	16,28.2	7	11	17

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

KKZTW4	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	
KMNUQD	GlobalFiler™ PCR Amplification Kit					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
	16,28.2	7,7	11,11	17,17		
KN32EF	Identifiler® Plus					
		17,20		11,16		11,13
	2	10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
		7,7	11,11	17,17		
KQE9Y3	Identifiler® Plus, PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
KTDMAK	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	
KTFCF3	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
	16,28.2	7	11	17		
KTNF6F	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 2 - STR Results

KUU9WN	Identifiler® Plus	17,20		<12,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
KV3ANU	GlobalFiler™	17,20	11,14	11,16		11,13
2	16,17.3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
KXU3P4	Identifiler®	17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
KVXVBV	PowerPlex® Fusion	17,20	11,14	11,16		11,13
2	16,17.3	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	
L36LEP	Investigator® 24plex GO!	17,20	11,14	11,16		11,13
2	16,17.3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
L3QVNT	GlobalFiler™	17,20	11,14	11,16		11,13
2	16,17.3	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
LALXP6	GlobalFiler™	17,20	11,14	11,16		11,13
2	16,17.3	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 2 - STR Results

LB2AE2	PowerPlex® PP21					
	16,17.3	17,20		11,16		11,13
2	11,11	10,12	13,13			17.3,20
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	
LBWQGX	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
LC8T4W	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
LCC44A	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
LD2JAB	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
LFBF9M	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
LFTL6R	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 2 - STR Results

LGJRJW	Identifiler® Plus	17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
LGPUJ3	COfiler® and Profiler Plus®, Identifiler® Plus, MiniFiler* (refer to Part IV [Table 7] for further information)	17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
LHVMU3	PowerPlex® 16, MiniFiler	17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15		
	28,30		X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	
LK22L3	GlobalFiler™	16,17.3	17,20	11,14	11,16	11,13
2		10,12	13			12,17
	8,10	12		15	13,14	17.3,20
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
LMR7DE	GlobalFiler™ Express	16,17.3	17,20	11,14	11,16	11,13
2		10,12	13			12,17
	8,10	12		15	13,14	17.3,20
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
LPB9YZ	GlobalFiler™	16,17.3	17,20	11,14	<12,16	11,13
2		10,12	13,13			12,17
	8,10	12,12		15,15	13,14	17.3,20
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
LPUEED	Identifiler® Plus	17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	



TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

LR2Z3D	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
LR6QHE	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16	NA	11,13
2	NA	10,12	13	NA	12,17	17.3,20
	8,10	12	NA	15	13,14	NA
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
LR9FKQ	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
LT32EH	GlobalFiler™ Express					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
LX9VW7	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
LXC9PU	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
M28236	GlobalFiler™ PCR Amplification Kit					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 2 - STR Results

M2J7LF	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	
M3V6HA	PowerPlex® Fusion 6C & 5C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
M77RQA	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
M7W98B	GlobalFiler™					
	16,17.3	17,20	11,14	11,16	-	11,13
2		10,12	13		12,17	17.3,20
	8,10	12	-	15	13,14	-
	28,30	12,15	X	12	20,21	-
	-	16,28.2	7	11	17	
M8BQBG	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
M92WPL	Identifiler® Direct					
	-	17,20	-	11,16	-	11,13
2		10,12	13		-	-
	8,10	12	-	15	13,14	-
	28,30	-	X,X	12	20,21	-
	-	-	7	11	17	
ME9TK3	Identifiler®					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 2 - STR Results

MN3C9U	Identifiler® Plus	17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
MNCKXF	PowerPlex® Fusion 6C	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
MNYQT2	Identifiler® Plus	17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
MPQXNY	GlobalFiler™	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
MPZJVF	Investigator® 24plex QS	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
MQ8Y48	PowerPlex® 21	17,20		11,16		11,13
2		10,12	13,13			17.3,20
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	
MR2V42	GlobalFiler™ Express	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

MTBH3F	GlobalFiler™ Express					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
	16,28.2	7	11	17		
N4AQ84	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
N6Y9TW	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
	16,28.2	7,7	11,11	17,17		
N7EEK9	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
N8M3X8	GlobalFiler™					
	16,17.3	17,20	11,14	11,16	Not Tested	11,13
	2	Not Tested	13,13	Not Tested	12,17	17.3,20
	8,10	12,12	Not Tested	15,15	13,14	Not Tested
	28,30	12,15	X,X	12,12	20,21	Not Tested
	Not Tested	16,28.2	7,7	11,11	17,17	
N9H7LT	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
	16,28.2	7	11	17		
NBB3ZF	Identifiler®					
		17,20		11,16		11,13
	2	10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
		7,7	11,11	17,17		

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

NBN7M9	GlobalFiler™						
	16,17.3	17,20	11,14	11,16	Not Tested	11,13	
	2	Not Tested	10,12	13,13	Not Tested	12,17	17.3,20
	8,10	12,12	Not Tested	15,15	13,14	Not Tested	
	28,30	12,15	X,X	12,12	20,21	Not Tested	
	Not Tested	16,28.2	7,7	11,11	17,17		
NBQAF6	GlobalFiler™						
	16,17.3	17,20	11,14	11,16		11,13	
	2	Not Tested	10,12	13	Not Tested	12,17	17.3,20
	8,10	12		15	13,14		
	28,30	12,15	X	12	20,21		
		16,28.2	7	11	17		
NDRLPQ	GlobalFiler™						
	16,17.3	17,20	11,14	11,16		11,13	
	2	Not Tested	10,12	13	Not Tested	12,17	17.3,20
	8,10	12		15	13,14		
	28,30	12,15	X	12	20,21		
		16,28.2	7	11	17		
NDZGKJ	Identifiler® Plus						
		17,20		11,16		11,13	
	2	Not Tested	10,12	13,13	Not Tested	12,17	17.3,20
	8,10	12,12		15,15	13,14		
	28,30		X,X	12,12	20,21		
			7,7	11,11	17,17		
NJJ9PK	Identifiler® Plus, GlobalFiler™						
	16,17.3	17,20	11,14	11,16		11,13	
	2	Not Tested	10,12	13,13	Not Tested	12,17	17.3,20
	8,10	12,12		15,15	13,14		
	28,30	12,15	X,X	12,12	20,21		
		16,28.2	7,7	11,11	17,17		
NK97MV	Identifiler® Plus, PowerPlex® FUSION						
	16,17.3	17,20	11,14	11,16		11,13	
	2	Not Tested	10,12	13	Not Tested	12,17	17.3,20
	8,10	12		15	13,14		
	28,30		X	12	20,21	9	
	7,11		7	11	17		
NL6KCA	PowerPlex® Fusion5c						
	16,17.3	17,20	11,14	11,16		11,13	
	2	Not Tested	10,12	13	Not Tested	12,17	17.3,20
	8,10	12		15	13,14		
	28,30	12,15	X	12	20,21	9	
	7,11		7	11	17		

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 2 - STR Results

NLKN82	Identifiler®, PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
NLQZ4X	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13,13 12,17 17.3,20					
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
NM4RUU	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13,13 12,17 17.3,20					
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
NNQW68	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
NT97Z6	PowerPlex® Fusion 5C					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
NTDKD6	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
NUK6WY	Identifiler® Plus					
		17,20		11,16		11,13
2	10,12 13					
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

NVKXYD	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
	16,28.2	7,7	11,11	17,17		
NX7UD7	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
	16,28.2	7	11	17		
NXLDW3	Investigator® 24plex QS					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
	16,28.2	7	11	17		
NYUAH8	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
P6D4N4	Identifiler® Direct					
		17,20		11,16		11,13
	2	10,12	13			
	8,10	12		15	13,14	
	28,30		X,X	12	20,21	
		7	11	17		
PFMB46	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
PH24MJ	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
	2	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 2 - STR Results

PJDQBY	GlobalFiler™					
	16,17.3	17,20	11,14	<12,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
PNBFKJ	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
PPHLUY	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
PQTNK4	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X,X	12	20,21	
			7	11	17	
PUWD7L	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
PVRTMP	PowerPlex® Fusion 5c					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
PX2K9C	GlobalFiler™ Express					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	



TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 2 - STR Results

PX3MRP	Identifiler® Plus, PowerPlex® 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
PXDH6G	Identifiler®					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
PXWZTG	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
PZ4UQ8	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
Q2R9CH	Identifiler® Plus					
		17,20		<12,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
Q39RQ3	Identifiler® Plus, GlobalFiler™					
	16,17.3	17,20	11,14	11,16	n/a	11,13
2	n/a	10,12	13,13	n/a	12,17	17.3,20
	8,10	12,12	n/a	15,15	13,14	n/a
	28,30	12,15	X,X	12,12	20,21	n/a
	n/a	16,28.2	7,7	11,11	17,17	
Q3KNXR	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 2 - STR Results

Q3QGB9	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
Q4DE48	PowerPlex® Fusion 6C, PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
Q4GFWE	Identifiler® Plus, GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13,13 12,17 17.3,20					
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
Q7MBQW	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
Q8JQCU	Identifiler® Plus					
		17,20		11,16		11,13
2	10,12 13,13 12,17 17.3,20					
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
Q9WDU9	GlobalFiler™ Express					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
QAP344	Identifiler® Plus, GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12 13,13 12,17 17.3,20					
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 2 - STR Results

QFETE6	Identifiler® Plus	17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
QG6YTB	GlobalFiler™ Express	17,20	11,14	11,16		11,13
2	16,17.3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
QH3ALR	Identifiler® Plus	17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
QLLGDV	GlobalFiler™	17,20	11,14	11,16		11,13
2	16,17.3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
QMYNJF	Qiagen Investigator	17,20	11,14	11,16		11,13
2	16,17.3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X,X	12	20,21	
		16,28.2	7	11	17	
QP4ENA	PowerPlex® Fusion 6C	17,20	11,14	11,16		11,13
2	16,17.3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
QQULRT	PowerPlex® Fusion 6C	17,20	11,14	11,16		11,13
2	16,17.3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

QU8GBW	Identifiler® Plus, GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
QUY9H6	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
QVA7X8	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
QWZCAR	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
QXAD4D	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
R378Q7	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X,X	12	20,21	
			7	11	17	
R3QYNX	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

R4G633	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
R6BZK6	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
R7YXR6	GlobalFiler™					
	16,17.3	17,20	11,14	11,16	NA	11,13
2	NA	10,12	13,13	NA	12,17	17.3,20
	8,10	12,12	NA	15,15	13,14	NA
	28,30	12,15	X,X	12,12	20,21	NA
	NA	16,28.2	7,7	11,11	17,17	
RFTEQR	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X,X	12	20,21	
		16,28.2	7	11	17	
RK86X9	GlobalFiler™ Express					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
RLRPC7	GlobalFiler™ PCR Amplification Kit					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
RMQFFK	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 2 - STR Results

RPHZXB	GlobalFiler™ Express					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
RPWLDE	Identifiler®					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
RQM6WR	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
RTDKDA	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
RU3L6W	Identifiler®					
	N/A	17,20	N/A	11,16	N/A	11,13
2	N/A	10,12	13,13	N/A	N/A	N/A
	8,10	12,12	N/A	15,15	13,14	N/A
	28,30	N/A	X,X	12,12	20,21	N/A
	N/A	N/A	7,7	11,11	17,17	
RUM3JD	PowerPlex® 16, Fusion, Fusion 6C, GlobalFiler™, Investigator® 24plex					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
RUPRPV	Identifiler®					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

RWCL9H	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
RXC9H3	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
T4DAPA	Identifiler® Plus					
	NA	17,20	NA	11,16	NA	11,13
2	NA	10,12	13,13	NA	NA	NA
	8,10	12,12	NA	15,15	13,14	NA
	28,30	NA	X,X	12,12	20,21	NA
	NA	NA	7,7	11,11	17,17	
T63AWT	Identifiler® Plus, GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
T6AH3Z	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
T8772U	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
T8CFB8	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16	not tested	11,13
2	not tested	10,12	13	not tested	12,17	17.3,20
	8,10	12	not tested	15	13,14	not tested
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

T8NBLD	Identifiler®					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
T8V4T3	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
T8XUYK	Identifiler® Plus					
	NA	17,20	NA	11,16	NA	11,13
2	NA	10,12	13,13	NA	NA	NA
	8,10	12,12	NA	15,15	13,14	NA
	28,30	NA	X,X	12,12	20,21	NA
	NA	NA	7,7	11,11	17,17	
TAYZ46	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	
TECWRE	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	
TEWNQQ	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
TGUZFC	Identifiler®					
		17,20		<12,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	



TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 2 - STR Results

THU7Q4	Identifiler® Plus	17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
TL978Y	GlobalFiler™ PCR Amplification Kit					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
TLFMPC	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
TLVYYG	PowerPlex® F6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
TM2HYX	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
TP7828	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
TRGY93	Identifiler® Direct					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X,X	12	20,21	
			7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

TRWDFC	Identifiler®, PowerPlex® ESI 17 Pro, NGM SElect					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
TWAYMX	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
TWEKBQ	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
TX4CZW	PowerPlex® PP21					
	16,17.3	17,20		11,16		11,13
2	11	10,12	13			17.3,20
	8,10	12		15	13,14	
	28,30		X	12	20,21	9
	7,11		7	11	17	
U9GVXY	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
UBQAUK	GlobalFiler™					
	16,17.3	17,20	11,14	11,16	-	11,13
2	-	10,12	13	-	12,17	17.3,20
	8,10	12	-	15	13,14	-
	28,30	12,15	X	12	20,21	-
	-	16,28.2	7	11	17	
UDV3JH	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 2 - STR Results

UEKCDQ	Identifiler® Plus, PowerPlex® Fusion					
2	16,17.3	17,20	11,14	11,16		11,13
		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30		X	12	20,21	9
	7,11		7	11	17	
UEPNKV	PowerPlex® Fusion 6C, GlobalFiler™					
2	16,17.3	17,20	11,14	11,16		11,13
		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X,X	12	20,21	9
	7,11	16,28.2	7	11	17	
UKE7T7	PowerPlex® Fusion 6C					
2	16,17.3	17,20	11,14	11,16		11,13
		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
UKT4X6	PowerPlex® 16					
2				11,16		11,13
		10,12	13,13			
	8,10	12,12		15,15		
	28,30		X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	
ULMJWZ	GlobalFiler™					
2	16,17.3	17,20	11,14	11,16		11,13
		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X,X	12	20,21	
		16,28.2	7	11	17	
UMHV6M	PowerPlex® FUSION					
2	16,17.3	17,20	11,14	11,16		11,13
		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
UVWQWA	PowerPlex® Fusion 6C					
2	16,17.3	17,20	11,14	11,16		11,13
		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 2 - STR Results

UW8RUU	Identifiler® Plus	17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
UXPJ8K	GlobalFiler™	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
V222L8	Investigator® 24plex QS	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
V43BDB	GlobalFiler™	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
V494RC	PowerPlex® Fusion 6C	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
V8HAJX	PowerPlex® ESI 16 Fast	17,20	11,14	11,16		
2			13		12,17	17.3,20
		12		15	13,14	
	28,30	12,15	X		20,21	
			7		17	
V9YTXH	GlobalFiler™	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

VBKGFA	Identifiler®					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
VCGRDY	Identifiler® Plus					
		17,20		<12,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
VEMBEE	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X,X	12	20,21	
		16,28.2	7	11	17	
VG4GF2	GlobalFiler™ PCR Amplification Kit					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
VGDM2R	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
VHYFPE	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
VKBZW4	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

VKEJVR	PowerPlex® 21					
	16,17.3	17,20		11,16		11,13
2	11,11	10,12	13,13			17.3,20
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	
VKNRMY	PowerPlex® F6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
VL4WDB	GlobalFiler™ Express					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
VL6PAX	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
VLL2FG	Identifiler®, GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
VPGVAC	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
VQ2FF9	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

VTLVT	Identifiler® Plus, GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
VUTNKB	Identifiler®					
		17,20		<12,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
VUWCX9	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
VUYYFL	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
WLGFU	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
VWAJLB	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
VXZYR	PowerPlex® 21					
	16,17.3	17,20		11,16		11,13
2	11,11	10,12	13,13			17.3,20
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 2 - STR Results

W7BKKZ	GlobalFiler™ Express					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
		16,28.2	7	11	17	
<hr/>						
WB2W3P	Identifiler® Plus					
			17,20		11,16	11,13
	2		10,12	13		
		8,10	12		15	13,14
		28,30		X	12	20,21
			7	11	17	
<hr/>						
WBY8W8	PowerPlex® Fusion 6C					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13,13		12,17
		8,10	12,12		15,15	13,14
		28,30	12,15	X,X	12,12	20,21
	7,11	16,28.2	7,7	11,11	17,17	9,9
<hr/>						
WC2R6U	Identifiler® Plus					
			17,20		11,16	11,13
	2		10,12	13,13		
		8,10	12,12		15,15	13,14
		28,30		X,X	12,12	20,21
			7,7	11,11	17,17	
<hr/>						
WCBXAH	GlobalFiler™					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13,13		12,17
		8,10	12,12		15,15	13,14
		28,30	12,15	X,X	12,12	20,21
		16,28.2	7,7	11,11	17,17	
<hr/>						
WKAD4W	Investigator® 24plex 24plex QS					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
		16,28.2	7	11	17	
<hr/>						
WLM39U	GlobalFiler™					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13,13		12,17
		8,10	12,12		15,15	13,14
		28,30	12,15	X,X	12,12	20,21
		16,28.2	7,7	11,11	17,17	



TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

WLNVB9	Identifiler® Plus, PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
WMD9MY	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
WME2ND	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
WTLP3F	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
WUR4G9	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
WVNG2F	PowerPlex® 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
WW96VV	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

WXVT7V	Identifiler®					
		17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
WYMXEA	Identifiler®					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
WZJAB3	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
X2TLJQ	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
X6BY7Z	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
X6MW34	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
X74Q6Y	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

X8WQCB	PowerPlex® Fusion 6C					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
		7,11	16,28.2	7	11	17
X8ZDQ4	PowerPlex® Fusion 6C					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
		7,11	16,28.2	7	11	17
XA2H4N	Identifiler® Plus, PowerPlex® Fusion 6C					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
		7,11	16,28.2	7	11	17
XBKZMX	PowerPlex® Fusion 6C					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13		12,17
		8,10	12	-	15	13,14
		28,30	12,15	X	12	20,21
		7,11	16,28.2	7	11	17
XC8VXJ	PowerPlex® Fusion					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
		7,11		7	11	17
XDN388	Identifiler® Plus					
			17,20		11,16	11,13
	2		10,12	13,13		
		8,10	12,12		15,15	13,14
		28,30		X,X	12,12	20,21
				7,7	11,11	17,17
XG7WAY	GlobalFiler™					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13,13		12,17
		8,10	12,12		15,15	13,14
		28,30	12,15	X,X	12,12	20,21
			16,28.2	7,7	11,11	17,17

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

XJCMC9	Identifiler® Plus	17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
XJEA8	GlobalFiler™, Investigator® 24plex					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
XK2GT4	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
XK64CH	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X,X	12	20,21	
		16,28.2	7	11	17	
XLUV8	Identifiler®					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
XNK2MR	Identifiler® Plus, Direct					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
XNLR3M	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 2 - STR Results

XPBXZ8	Identifiler® Plus, GlobalFiler™					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13,13		12,17
		8,10	12,12		15,15	13,14
		28,30	12,15	X,X	12,12	20,21
		16,28.2	7,7	11,11	17,17	
XQ9FMM	Identifiler® Plus, PowerPlex® Fusion 6C Direct					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
	7,11	16,28.2	7	11	17	9
XRHKPP	Identifiler®					
		N/A	17,20	N/A	11,16	N/A
	2		10,12	13,13	N/A	N/A
		8,10	12,12	N/A	15,15	13,14
		28,30	N/A	X,X	12,12	20,21
	N/A	N/A	7,7	11,11	17,17	N/A
XRMUZN	GlobalFiler™					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13,13		12,17
		8,10	12,12		15,15	13,14
		28,30	12,15	X,X	12,12	20,21
		16,28.2	7,7	11,11	17,17	
XTV6HZ	PowerPlex® Fusion 6C					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
	7,11	16,28.2	7	11	17	9
XU9T4K	Identifiler®, GlobalFiler™ Express					
		16,17.3	17,20	11,14	<12,16	11,13
	2		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
		16,28.2	7	11	17	
XURJ8D	GlobalFiler™					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
		16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

XWBPEN	Identifiler® Plus, PowerPlex® FUSION					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
	7,11		7	11	17	
XWE6XF	Identifiler®					
			17,20		11,16	11,13
	2		10,12	13		
		8,10	12		15	13,14
		28,30		X	12	20,21
			7	11	17	
XYM4JA	Identifiler® Plus					
			17,20		11,16	11,13
	2		10,12	13,13		
		8,10	12,12		15,15	13,14
		28,30		X,X	12,12	20,21
			7,7	11,11	17,17	
XZDGV2	PowerPlex® Fusion 6C					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13,13		12,17
		8,10	12,12		15,15	13,14
		28,30	12,15	X,X	12,12	20,21
	7,11	16,28.2	7,7	11,11	17,17	
Y3FY9M	GlobalFiler™					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
		16,28.2	7	11	17	
Y7CC7K	Identifiler®, PowerPlex® Fusion					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
	7,11		7	11	17	
Y7CHBL	GlobalFiler™					
		16,17.3	17,20	11,14	11,16	11,13
	2		10,12	13,13		12,17
		8,10	12,12		15,15	13,14
		28,30	12,15	X,X	12,12	20,21
		16,28.2	7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 2 - STR Results

Y7L4H3	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
YB6YRZ	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
YCTRV6	Qiagen 24-plex QS					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
YD8YJ8	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
YDFFVJ	Identifiler®, PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
YFTUWY	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
YG4PHQ	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

YGGB3Z	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12		13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
YGXN74	PowerPlex® fusion					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12		13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
YJPH8E	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12		13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
YM7W3Z	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12		13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
YNBMR3	Identifiler®, PowerPlex® Fusion 6C, GlobalFiler™, Identifiler Plus					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12		13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
YNJBNN	Identifiler®, GlobalFiler™ Express					
	16,17.3	17,20	11,14	<12,16		11,13
2	10,12		13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
YNJL8X	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2	10,12		13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	



TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

YPRM6Q	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
YQKPLD	Identifiler®					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
YT97TZ	PowerPlex® Fusion 5C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X,X	12	20,21	9
	7,11		7	11	17	
YTW7CY	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
YU8DBK	Identifiler® Plus, PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
YX268W	PowerPlex® FUSION 5C					
	16,17.3	17,20	11,14	11,16	NA	11,13
2	NA	10,12	13	NA	12,17	17.3,20
	8,10	12	NA	15	13,14	NA
	28,30	12,15	X	12	20,21	9
	7,11	NA	7	11	17	
YYDZVA	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 2 - STR Results

YYKXFL	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
Z2LCNW	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
Z44GZM	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
Z6Z8VT	Identifiler® Plus, GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
Z7EH3Y	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	
Z9DULR	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
Z9WQXR	PowerPlex® ESI					
	16,17.3	17,20	11,14	11,16		
2			13,13		12,17	17.3,20
		12,12		15,15	13,14	
	28,30	12,15	X,X		20,21	
		16,28.2	7,7		17,17	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 2 - STR Results

ZA4HMN	Identifiler® Plus, MiniFiler, profiler® Plus					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
ZAEQ6N	Identifiler® Plus					
		17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
ZBC23C	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
ZEPVQV	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
ZFZA3Q	GlobalFiler™ PCR Amplification Kit					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
ZGCD6A	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
ZMYCAP	Identifiler®, PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 2 - STR Results

ZPMMHV	Identifiler® Plus	17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
ZPR87X	PowerPlex® Fusion 6C	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
ZTLP7Q	GlobalFiler™ PCR Amplification Kit	17,20	11,14	11,16		11,13
2		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
ZV8UU9	Identifiler®	17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
ZVHC8F	Identifiler® Plus	17,20	-	11,16	-	11,13
2		10,12	13,13	-	-	-
	8,10	12,12	-	15,15	13,14	-
	28,30	-	X,X	12,12	20,21	-
	-	-	7,7	11,11	17,17	
ZVJ3KP	GlobalFiler™	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
ZVYNR7	PowerPlex® Fusion 6C	17,20	11,14	11,16		11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 2 - STR Results

ZW4PL7	Identifiler® ID Plus	17,20		<12,16		11,13
2		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
ZWEQWT	PowerPlex® Fusion 6C	16,17.3	17,20	11,14	11,16	11,13
2		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
ZX6WBX	Identifiler® Plus	17,20		11,16		11,13
2		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

22VQAJ	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
24E3NE	Identifiler®, PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
27C2BT	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13,13 12,17 17.3,20					
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
2AU4RY	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
2B4E3A	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
2BMC79	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
2C3F92	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

2GBWAP	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
2H6MF4	Identifiler®					
		17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
2KCPU9	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
2MBELF	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
2QFTK8	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
2QGL69	Identifiler® Plus					
	-	17,20	-	11,16	-	11,13
3		10,12	13			
	8,10	12	-	15	13,14	-
	28,30	-	X,X	12	20,21	-
	-	-	7	11	17	
2VQX7F	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 3 - STR Results

2WPKUE	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30 12,15 XX 12 20,21					
		16,28.2	7	11	17	
2XG84M	Identifiler® Plus					
		17,20		11,16		11,13
3	10,12 13					
	8,10	12		15	13,14	
	28,30 X 12 20,21					
			7	11	17	
2YZPR3	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30 12,15 X 12 20,21					
		16,28.2	7	11	17	
2ZYBXL	GlobalFiler™					
	16,17.3	17,20	11,14	<12,16		11,13
3	10,12 13,13 12,17 17.3,20					
	8,10	12,12		15,15	13,14	
	28,30 12,15 XX 12,12 20,21					
		16,28.2	7,7	11,11	17,17	
32FQYU	Identifiler® Plus					
		17,20		11,16		11,13
3	10,12 13,13					
	8,10	12,12		15,15	13,14	
	28,30 XX 12,12 20,21					
			7,7	11,11	17,17	
32XUHT	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30 12,15 X 12 20,21 9					
	7,11	16,28.2	7	11	17	
34EM7V	GlobalFiler™ PCR amplification Kit					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13,13 12,17 17.3,20					
	8,10	12,12		15,15	13,14	
	28,30 12,15 XX 12,12 20,21					
		16,28.2	7,7	11,11	17,17	



TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

34FKGQ	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12		13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
34GWEZ	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12		13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
34PNLN	Identifiler® ID+					
		17,20		11,16		11,13
3	10,12		13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
372YUK	PowerPlex® Fusion 6C, GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12		13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
37KKNV	Identifiler® Plus, PowerPlex® Fusion 6C, GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12		13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
39VHDY	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12		13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
39Y6TR	PowerPlex® 21					
	16,17.3	17,20		11,16		11,13
3	11,11	10,12	13,13			17.3,20
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

3B4L2V	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
	16,28.2	7	11	17		
3DAZQA	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
3EJZHA	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
3G2K34	Identifiler®					
		17,20		11,16		11,13
	3	10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
		7	11	17		
3G6J9T	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
3H29UF	Identifiler® Plus					
		17,20		11,16		11,13
	3	10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
		7	11	17		
3HC264	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

3HCYFY	Identifiler® +					
		17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
3HFWG	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
3J28B4	Investigator® 24plex					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
3LMZ2C	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
3QQ7D9	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
3QTMKF	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
3R6KUQ	PowerPlex® Fusion 5C, MiniFiler					
	16,17.3	17,20	11,14	11,16	NA	11,13
3	NA	10,12	13	NA	12,17	17.3,20
	8,10	12	NA	15	13,14	NA
	28,30	12,15	X	12	20,21	9
	7,11	NA	7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

3RLRZ9	PowerPlex® Fusion6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
3RUMW2	Identifiler® Plus					
	NA	17,20	NA	11,16	NA	11,13
3		10,12	13,13	NA	NA	NA
	8,10	12,12	NA	15,15	13,14	NA
	28,30	NA	X,X	12,12	20,21	NA
	NA	NA	7,7	11,11	17,17	
3TZZ7M	Identifiler®					
	N/A	17,20	N/A	11,16	N/A	11,13
3		10,12	13,13	N/A	N/A	N/A
	8,10	12,12	N/A	15,15	13,14	N/A
	28,30	N/A	X,X	12,12	20,21	N/A
	N/A	N/A	7,7	11,11	17,17	
3VLZ74	Identifiler®					
		17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
3WLME3	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
3XU2JM	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
3YUUL2	PowerPlex® Fusion6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
Penta E	SE33	TH01	TPOX	vWA		

Item 3 - STR Results

3YVRWX	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
3Z3E2P	PowerPlex® Fusion 5C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
44FEZ2	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
44WJ6T	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
467Q8L	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		inconclusive	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
46DQG3	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
46TXU8	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

49L7RL	Identifiler®					
	n/a	17,20	n/a	11,16	n/a	11,13
3	n/a	10,12	13,13	n/a	n/a	n/a
	8,10	12,12	n/a	15,15	13,14	n/a
	28,30	n/a	X,X	12,12	20,21	n/a
	n/a	n/a	7,7	11,11	17,17	
4AMW7G	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
4AMX6L	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
4CVXHF	Identifiler®					
		17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
4JA4TD	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
4K79KE	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
4MPKYB	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

4RFCBT	GlobalFiler™					
	16,17.3	17,20	11,14	11,16	NA	11,13
3	NA	10,12	13,13	NA	12,17	17.3,20
	8,10	12,12	NA	15,15	13,14	NA
	28,30	12,15	X,X	12,12	20,21	NA
	NA	16,28.2	7,7	11,11	17,17	
4RKC78	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
4V9EMU	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
4VLBNR	Identifiler® Plus, MiniFiler					
		17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
4WATHX	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
4WX7C6	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
4YM6WV	GlobalFiler™					
	16,17.3	17,20	11,14	11,16	-	11,13
3	-	10,12	13,13	-	12,17	17.3,20
	8,10	12,12	-	15,15	13,14	-
	28,30	12,15	X,X	12,12	20,21	-
	-	16,28.2	7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

628KE2	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13,13			
		8,10		15,15	13,14	
		28,30	X,X	12,12	20,21	
			7,7	11,11	17,17	
62BY9P	PowerPlex® PP21					
		17,20		11,16		11,13
3		10,12	13,13			17.3,20
		8,10		15,15	13,14	
		28,30	X,X	12,12	20,21	9,9
		7,11	7,7	11,11	17,17	
63VX3L	GlobalFiler™					
		17,20	11,14	<12,16		11,13
3		10,12	13,13		12,17	17.3,20
		8,10		15,15	13,14	
		28,30	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
67GQ6F	GlobalFiler™					
		17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
		8,10		15,15	13,14	
		28,30	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
694FEL	GlobalFiler™					
		17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
		8,10		15,15	13,14	
		28,30	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
69LHWU	PowerPlex® 6C					
		17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
		12		15	13,14	
		12,15	X	12	20,21	9
		16,28.2	7	11	17	
6AW8DK	Identifiler®					
		17,20	N/A	11,16	N/A	11,13
3		10,12	13,13	N/A	N/A	N/A
		12,12	N/A	15,15	13,14	
			X,X	12,12	20,21	
			7,7	11,11	17,17	



TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

6AXUJK	Identifiler®	17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
6C4MKQ	Identifiler® Plus, PowerPlex® Fusion 6C, GlobalFiler™	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
6G6LEH	PowerPlex® 21	17,20		11,16		11,13
3		10,12	13,13			17.3,20
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	
6HTBAU	GlobalFiler™	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
6J48ML	Identifiler® Plus	17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
6J6CFW	Identifiler® Plus	17,20		<12,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
6KHEBN	Identifiler® Plus	17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X,X	12	20,21	
			7	11	17	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

6L8XT2	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
	16,28.2	7,7	11,11	17,17		
6NMWTH	PowerPlex® 21					
	16,17.3	17,20		11,16		11,13
	3	10,12	13,13			17.3,20
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	9,9
	7,11	7,7	11,11	17,17		
6PEYBR	Identifiler® Plus					
		17,20		11,16		11,13
	3	10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
		7	11	17		
6PTFFT	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
6U2FJQ	PowerPlex® ESI 16, NGM					
	16,17.3	17,20	11,14	11,16		
	3		13		12,17	17.3,20
		12		15	13,14	
	28,30	12,15	X		20,21	
		7		17		
6UBGVY	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
	16,28.2	7	11	17		
6X93M2	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

6YJ3JV	GlobalFiler™					
		16,17.3	17,20	11,14	11,16	11,13
	3		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
		16,28.2	7	11	17	
6YXFYR	GlobalFiler™					
		16,17.3	17,20	11,14	11,16	11,13
	3		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
		16,28.2	7	11	17	
6ZB9VF	Identifiler® Plus, PowerPlex® Fusion 6C					
		16,17.3	17,20	11,14	11,16	11,13
	3		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
	7,11	16,28.2	7	11	17	9
747G4U	GlobalFiler™					
		16,17.3	17,20	11,14	11,16	Not Tested
	3	Not Tested	10,12	13,13	Not Tested	12,17
		8,10	12,12	Not Tested	15,15	13,14
		28,30	12,15	X,X	12,12	20,21
	Not Tested	16,28.2	7,7	11,11	17,17	Not Tested
76QQYH	PowerPlex® 21					
		16,17.3	17,20		11,16	11,13
	3	11,11	10,12	13,13		17.3,20
		8,10	12,12		15,15	13,14
		28,30		X,X	12,12	20,21
	7,11		7,7	11,11	17,17	9,9
7BBXDG	Identifiler® Plus					
			17,20		11,16	11,13
	3		10,12	13		
		8,10	12		15	13,14
		28,30		X	12	20,21
			7	11	17	
7DPV6C	PowerPlex® Fusion					
		16,17.3	17,20	11,14	11,16	11,13
	3		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
	7,11		7	11	17	9

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 3 - STR Results

7EQLFZ	Identifiler®, GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
7EU6JV	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
7F8MUN	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
7KT7RR	GlobalFiler™					
	16,17.3	17,20	11,14	11,16	N/A	11,13
3	N/A	10,12	13,13	N/A	12,17	17.3,20
	8,10	12,12	N/A	15,15	13,14	N/A
	28,30	12,15	X,X	12,12	20,21	N/A
	N/A	16,28.2	7,7	11,11	17,17	
7M2XG6	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
7MJRD9	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
7MMFTQ	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 3 - STR Results

7NF63L	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
7PDL8W	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
	16,28.2	7	11	17		
7RFGXL	Identifiler® Plus, GlobalFiler™					
	16,17.3	17,20	11,14	11,16	NT	11,13
	3	10,12	13,13	NT	12,17	17.3,20
	8,10	12,12	NT	15,15	13,14	NT
	28,30	12,15	X,X	12,12	20,21	NT
	16,28.2	7,7	11,11	17,17		
7RRD4Q	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
7TNQT4	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
	16,28.2	7,7	11,11	17,17		
7UL2LL	Identifiler® Plus, GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
	16,28.2	7,7	11,11	17,17		
7UZCCD	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

7X63WZ	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
7ZRJ8T	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
82G9UT	Identifiler®					
		17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
86KVTH	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
86WTPL	Identifiler® Plus, GlobalFiler™, MiniFiler					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
86YZW3	Identifiler® Plus					
		17,20		<12,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
876KK3	Identifiler® Plus					
	NT	17,20	NT	<12,16	NT	11,13
3	NT	10,12	13,13	NT	NT	NT
	8,10	12,12	NT	15,15	13,14	NT
	28,30	NT	X,X	12,12	20,21	NT
	NT	NT	7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 3 - STR Results

879LNU	GlobalFiler™, MiniFiler					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12		13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
87QJVZ	PowerPlex®					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12		13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	
89XWG9	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12		13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
8BZUPF	PowerPlex® Fusion 5C					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12		13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X,X	12	20,21	9
	7,11		7	11	17	
8GNNGL	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12		13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
8H2QE2	Identifiler® Plus, GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12		13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
8JXPME	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12		13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 3 - STR Results

8M2BNX	Identifiler® Plus, MiniFiler					
		17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
8M4Y8W	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
8NU6JG	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
8RCDLM	Identifiler® Plus, GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
8RPR6P	PowerPlex® Fusion 5C & 6C, GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
8T64R2	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	
8TJQ4N	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	



TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

8TNWZQ	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13,13 12,17 17.3,20					
	8,10	12,12		15,15	13,14	
	28,30 12,15 X,X 12,12 20,21					
		16,28.2	7,7	11,11	17,17	
8W3QJ4	PowerPlex® F6C					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30 12,15 X 12 20,21 9					
	7,11	16,28.2	7	11	17	
8WNC2L	Identifiler® Plus, GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30 12,15 X 12 20,21					
		16,28.2	7	11	17	
8WUF3R	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30 12,15 X 12 20,21					
		16,28.2	7	11	17	
8YAFTM	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30 12,15 X 12 20,21 9					
	7,11		7	11	17	
8ZLQQW	Identifiler® Plus, MiniFiler					
		17,20		11,16		11,13
3	10,12 13,13 12,17 17.3,20					
	8,10	12,12		15,15	13,14	
	28,30 X,X 12,12 20,21					
			7,7	11,11	17,17	
8ZNEAW	Identifiler®					
		17,20		11,16		11,13
3	10,12 13,13 12,17 17.3,20					
	8,10	12,12		15,15	13,14	
	28,30 X,X 12,12 20,21					
			7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

92YFUA	Identifiler® Plus					
	-	17,20	-	11,16	-	11,13
3	-	10,12	13,13	-	-	-
	8,10	12,12	-	15,15	13,14	-
	28,30	-	X,X	12,12	20,21	-
	-	-	7,7	11,11	17,17	
938TCB	Identifiler® Plus					
	-	17,20	-	11,16	-	11,13
3	-	10,12	13,13	-	-	-
	8,10	12,12	-	15,15	13,14	-
	28,30	-	X,X	12,12	20,21	-
	-	-	7,7	11,11	17,17	
93TJ8G	Identifiler® Plus					
	-	17,20	-	11,16	-	11,13
3	-	10,12	13,13	-	-	-
	8,10	12,12	-	15,15	13,14	-
	28,30	-	X,X	12,12	20,21	-
	-	-	7,7	11,11	17,17	
96FZKV	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3	-	10,12	13	-	12,17	17.3,20
	8,10	12	-	15	13,14	-
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
982P23	Identifiler®					
	-	17,20	-	11,16	-	11,13
3	-	10,12	13,13	-	-	-
	8,10	12,12	-	15,15	13,14	-
	28,30	-	X,X	12,12	20,21	-
	-	-	7,7	11,11	17,17	
982WYN	Identifiler® Plus					
	-	17,20	-	11,16	-	11,13
3	-	10,12	13,13	-	-	-
	8,10	12,12	-	15,15	13,14	-
	28,30	-	X,X	12,12	20,21	-
	-	-	7,7	11,11	17,17	
98ZYNR	GlobalFiler™, MiniFiler					
	16,17.3	17,20	11,14	11,16		11,13
3	-	10,12	13	-	12,17	17.3,20
	8,10	12	-	15	13,14	-
	28,30	12,15	X	12	20,21	-
	-	16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 3 - STR Results

9A4TBB	Identifiler® Plus, MiniFiler					
		17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
9A93KP	Identifiler® Plus, PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
9BZ4L7	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
9CADYB	Identifiler® Plus, PowerPlex® FUSION					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30		X	12	20,21	9
	7,11		7	11	17	
9D6RNP	PowerPlex® Fusion 5C, 6C, GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
9DQ8GY	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
9FBMKU	Identifiler®					
		17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

9H36TR	GlobalFiler™					
		16,17.3	17,20	11,14	11,16	11,13
	3		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
		16,28.2	7	11	17	
9H48C6	GlobalFiler™					
		16,17.3	17,20	11,14	11,16	11,13
	3		10,12	13,13		12,17
		8,10	12,12		15,15	13,14
		28,30	12,15	X,X	12,12	20,21
		16,28.2	7,7	11,11	17,17	
9K2NBR	PowerPlex® Fusion 5C					
		16,17.3	17,20	11,14	11,16	11,13
	3		10,12	13,13		12,17
		8,10	12,12		15,15	13,14
		28,30	12,15	X,X	12,12	20,21
			7,7	11,11	17,17	9,9
9MCD7P	PowerPlex® FUSION 6C					
		16,17.3	17,20	11,14	11,16	11,13
	3		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
		16,28.2	7	11	17	9
9P33CJ	GlobalFiler™ PCR Amplification Kit					
		16,17.3	17,20	11,14	11,16	11,13
	3		10,12	13,13		12,17
		8,10	12,12		15,15	13,14
		28,30	12,15	X,X	12,12	20,21
		16,28.2	7,7	11,11	17,17	
9ZK6PP	PowerPlex® Fusion 6C					
		16,17.3	17,20	11,14	11,16	11,13
	3		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
		16,28.2	7	11	17	9
A2UKLM	Identifiler® Plus					
			17,20		11,16	11,13
	3		10,12	13		
		8,10	12		15	13,14
		28,30		X	12	20,21
			7	11	17	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
Penta E	SE33	TH01	TPOX	vWA		

## Item 3 - STR Results

A37CGP	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16	N/A	11,13
3	N/A	10,12	13	N/A	12,17	17.3,20
	8,10	12	N/A	15	13,14	N/A
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
A6CX9W	PowerPlex® FUSION 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
A734M2	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
A8DUM6	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	
A9T8F9	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
AAFBL	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
ABJ47N	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

ACPXFT	PowerPlex® Fusion 5C, Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
AE9C3W	Identifiler® Plus					
		17,20		<12,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
AFP43K	PowerPlex® Fusion 5C, MiniFiler					
	16,17.3	17,20	11,14	11,16	NA	11,13
3	NA	10,12	13	NA	12,17	17.3,20
	8,10	12	NA	15	13,14	NA
	28,30	12,15	X	12	20,21	9
	7,11	NA	7	11	17	
AJWDCV	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
AK4RN4	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
AKMF7X	PowerPlex® fusion					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	
AMQMFW	Identifiler® Plus					
		17,20		<12,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

ANHBKQ	Identifiler®	17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
APC4FA	GlobalFiler™	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
AVLB4T	PowerPlex® Fusion 6C	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
AWD8V9	GlobalFiler™	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
AXWWAM	PowerPlex® Fusion 6C	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
AYKPRJ	Identifiler® Plus, GlobalFiler™	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
AZA38F	Identifiler®	17,20	N/A	11,16	N/A	11,13
3		10,12	13,13	N/A	N/A	N/A
	8,10	12,12	N/A	15,15	13,14	N/A
	28,30	N/A	X,X	12,12	20,21	N/A
	N/A	N/A	7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 3 - STR Results

AZX7ZQ	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	XX	12	20,21	9
	7,11		7	11	17	
B2LWNF	PowerPlex® Fusion 5C, MiniFiler					
	16,17.3	17,20	11,14	11,16	NA	11,13
3	NA 10,12 13 NA 12,17 17.3,20					
	8,10	12	NA	15	13,14	NA
	28,30	12,15	X	12	20,21	9
	7,11	NA	7	11	17	
B3EZ39	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13,13 12,17 17.3,20					
	8,10	12,12		15,15	13,14	
	28,30	12,15	XX	12,12	20,21	9
		16,28.2	7,7	11,11	17,17	
B6JHEJ	PowerPlex® 21					
	16,17.3	17,20	-	11,16	-	11,13
3	11 10,12 13 - - 17.3,20					
	8,10	12	-	15	13,14	-
	28,30	-	X	12	20,21	9
	7,11	-	7	11	17	
B7JHQ6	Identifiler® Plus					
		17,20		11,16		11,13
3	10,12 13,13 12,17 17.3,20					
	8,10	12,12		15,15	13,14	
	28,30		XX	12,12	20,21	9
			7,7	11,11	17,17	
B8BPL2	Identifiler® Plus					
		17,20		11,16		11,13
3	10,12 13,13 12,17 17.3,20					
	8,10	12,12		15,15	13,14	
	28,30		XX	12,12	20,21	9
			7,7	11,11	17,17	
B8D8RD	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
		16,28.2	7	11	17	



TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

B8UTN4	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
BC78AE	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
BDY3TG	Identifiler®					
		17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
BGZF79	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
BJ7KYW	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
BKHBD8	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
BN47ZZ	Identifiler®					
		17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

BNJCGB	Identifiler® Plus	17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
BQZHBK	GlobalFiler™	17,20	11,14	11,16	N/A	11,13
3	N/A	10,12	13,13	N/A	12,17	17.3,20
	8,10	12,12	N/A	15,15	13,14	N/A
	28,30	12,15	X,X	12,12	20,21	N/A
	N/A	16,28.2	7,7	11,11	17,17	
BRLDFL	GlobalFiler™	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
BRM3QB	Identifiler® Plus, PowerPlex® Fusion 6C	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
BU2ZH7	PowerPlex® Fusion	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	
BUKV98	GlobalFiler™	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
BWT3F8	Identifiler® Plus	17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 3 - STR Results

BX3488	Identifiler®, PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13,14 12,17 17.3,20					
	8,10	12,13		15	13,14	
	28,30	11,12,15	X	12	20,21	9
	7,11		7	11	17	
BX7H72	Identifiler® Plus					
		17,20		11,16		11,13
3	10,12 13,13					
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
BYT82E	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
C24BLH	Identifiler® Plus, GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
C2KM4M	Identifiler® Plus					
		17,20		11,16		11,13
3	10,12 13					
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
C2XB9V	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13,13 12,17 17.3,20					
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
C4CG6X	Identifiler® Plus					
		17,20		11,16		11,13
3	10,12 13					
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 3 - STR Results

C8PBTH	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
C93U4Z	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
CAVX7M	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
CB6UP6	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
CB9C6G	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
CBP24H	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
CC6WRG	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

CCD3UJ	Identifiler® Plus, PowerPlex® Fusion 6C, GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
CDYHJM	Identifiler® Plus					
		17,20		11,16		11,13
3	10,12 13,13					
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
CEVTHV	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
CGZJMQ	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13,13 12,17 17.3,20					
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
CM4MB4	Identifiler® Plus					
		17,20		11,16		11,13
3	10,12 13,13					
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
CMJP66	PowerPlex® Fusion 5C					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
CPBPG9	Identifiler® Plus					
		17,20		11,16		11,13
3	10,12 13					
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

CTJY4P	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
CVALRR	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
CW8YDY	PowerPlex® F6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
CX2ET3	PowerPlex® Fusion					
	16,17.3	17,[20]	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
CX6VCU	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
D4NK9N	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
D93D8U	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 3 - STR Results

DBL9T9	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
DCCHT3	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
DD9Y6Y	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
DG8EDM	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
DJDY2M	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
DM23JU	Identifiler® Identifiler Plus					
		17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
DQRPH8	Identifiler® Plus, GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 3 - STR Results

DR9WTV	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	XX	12	20,21	
		16,28.2	7	11	17	
DX4BBD	Identifiler®					
		17,20		11,16		11,13
3	10,12 13,13					
	8,10	12,12		15,15	13,14	
	28,30		XX	12,12	20,21	
			7,7	11,11	17,17	
DYLZQH	Identifiler® Plus, PowerPlex® 6C, GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
E2QM4L	Identifiler®					
		17,20		11,16		11,13
3	10,12 13					
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
E2RHPD	Identifiler® Plus, MiniFiler					
		17,20		11,16		11,13
3	10,12 13					
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
E2WYZJ	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
E6RFQD	GlobalFiler™ PCR Amplification kit					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13,13 12,17 17.3,20					
	8,10	12,12		15,15	13,14	
	28,30	12,15	XX	12,12	20,21	
		16,28.2	7,7	11,11	17,17	



TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

E6UG3R	PowerPlex® ES16, in-house					
	16,17.3	17,20	11,14	11,16		
3			13		12,17	17.3,20
		12		15	13,14	
	28,30	12,15	X		20,21	
			7		17	
EA7DYE	Investigator® 24plex					
	16,17.3	17,20	11,14	11,16		11,13
3			13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
EAMLM9	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3			13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
ECFFPJ	Identifiler® Plus					
		17,20		11,16		11,13
3			13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
EGQHM9	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3			13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
EGTDZC	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3			13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
EKB98B	PowerPlex® ESX16Fast					
	16,17.3	17,20	11,14	11,16		
3			13		12,17	17.3,20
		12		15	13,14	
	28,30	12,15	X		20,21	
			7		17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

ELLF3Q	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
EN83LE	Identifiler® Plus, MiniFiler					
		17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
ENAUNF	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
EPG4QK	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
EPVMD4	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
ERKYAN	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
ETDVC4	PowerPlex® Fusion, Fusion					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

EUCRCY	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
EUT7E3	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
EUUU6T	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
F262ZH	GlobalFiler™ PCR Amplification Kit					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
F27G79	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
F2RT6G	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X,X	12	20,21	9
	7,11	16,28.2	7	11	17	
F794CJ	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

F7BRVH	Identifiler® Plus, PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
F8CPDJ	GlobalFiler™ Express					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13,13 12,17 17.3,20					
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
F9KABC	PowerPlex® Fusion 5C, MiniFiler					
	16,17.3	17,20	11,14	11,16	NA	11,13
3	NA 10,12 13 NA 12,17 17.3,20					
	8,10	12	NA	15	13,14	NA
	28,30	12,15	X	12	20,21	9
	7,11	NA	7	11	17	
FGHVM7	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13,13 12,17 17.3,20					
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
FKGF4B	Identifiler® Plus, MiniFiler					
		17,20		11,16		11,13
3	10,12 13					
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
FMUKL8	Identifiler®					
		17,20		11,16		11,13
3	10,12 13,13					
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
FMVM2D	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13,13 12,17 17.3,20					
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

FNLTEH	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
	16,28.2	7	11	17		
FV2XBJ	GlobalFiler™ PCR Amplification Kit					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
	16,28.2	7,7	11,11	17,17		
FWZRVF	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
FXEYGW	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
FYP4RZ	Identifiler® Plus					
		17,20		11,16		11,13
	3	10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
		7,7	11,11	17,17		
G2HK7D	PowerPlex® Fusion 5C, MiniFiler					
	16,17.3	17,20	11,14	11,16	NA	11,13
	3	NA	13	NA	12,17	17.3,20
	8,10	12	NA	15	13,14	NA
	28,30	12,15	X	12	20,21	9
	7,11	NA	7	11	17	
G3VYW8	GlobalFiler™					
	16,17.3	17,20	11,14	<12,16		11,13
	3	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
	16,28.2	7,7	11,11	17,17		

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

G48P4Q	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
	16,28.2	7,7	11,11	17,17		
G76YBF	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
G8VV4F	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
	16,28.2	7	11	17		
GA3KXC	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
	16,28.2	7,7	11,11	17,17		
GBPDLY	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
GBRZ6Y	Identifiler® Plus					
		17,20		11,16		11,13
	3	10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
		7	11	17		
GBTQCG	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
	16,28.2	7	11	17		

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

GD4JGG	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
GF4VXP	Identifiler® Plus					
	-	17,20	-	11,16	-	11,13
3		10,12	13	-	-	-
	8,10	12	-	15	13,14	-
	28,30	-	X,X	12	20,21	-
	-	-	7	11	17	
GG28TH	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	
GHDMLX	Identifiler® Plus, PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
GJ6UGU	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
GKFP68	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
GKXX9	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 3 - STR Results

GLXYM	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
GM3DG8	PowerPlex® ESX-17 Fast & ESI-17 Fast					
	16,17.3	17,20	11,14	11,16		
3			13		12,17	17.3,20
		12		15	13,14	
	28,30	12,15	X		20,21	
		16,28.2	7		17	
GMDVUE	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
GQ6F4N	Identifiler®					
		17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
GQJRXL	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	
GREZVR	Identifiler® Plus					
	N/T	17,20	N/T	<12,16	N/T	11,13
3	N/T	10,12	13,13	N/T	N/T	N/T
	8,10	12,12	N/T	15,15	13,14	N/T
	28,30	N/T	X,X	12,12	20,21	N/T
	N/T	N/T	7,7	11,11	17,17	
GV4K79	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	



TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

GWDJLB	PowerPlex® Fusion 6C					
		16,17.3	17,20	11,14	11,16	11,13
	3		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
	7,11	16,28.2	7	11	17	9
GWRBWE	PowerPlex® Fusion 5C, 6C					
		16,17.3	17,20	11,14	11,16	11,13
	3		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
	7,11	16,28.2	7	11	17	9
GYZ8XB	Investigator® 24plex 24plex QS					
		16,17.3	17,20	11,14	11,16	11,13
	3		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
		16,28.2	7	11	17	
GZ9JED	Identifiler® Plus, GlobalFiler™					
		16,17.3	17,20	11,14	11,16	11,13
	3		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
		16,28.2	7	11	17	
H3A3JY	PowerPlex® Fusion					
		16,17.3	17,20	11,14	11,16	11,13
	3		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
	7,11		7	11	17	9
H47CZV	GlobalFiler™					
		16,17.3	17,20	11,14	11,16	11,13
	3		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
		16,28.2	7	11	17	
H9JRCM	Identifiler® Plus, GlobalFiler™					
		16,17.3	17,20	11,14	11,16	11,13
	3		10,12	13,13		12,17
		8,10	12,12		15,15	13,14
		28,30	12,15	X,X	12,12	20,21
		16,28.2	7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

HCL7YX	Identifiler® Plus					
	-	17,20	-	11,16	-	11,13
3	-	10,12	13,13	-	-	-
	8,10	12,12	-	15,15	13,14	-
	28,30	-	X,X	12,12	20,21	-
	-	-	7,7	11,11	17,17	
HDYDPL	PowerPlex® Fusion 5C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
HERJQX	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
HFLAT6	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
HGE4UF	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
HHTKTF	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
HHUH4B	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 3 - STR Results

HL9ZFZ	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
HLN7T6	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
HNEK32	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
HPURMW	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
HVQ3J9	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
HYTDLG	GlobalFiler™					
	16,17.3	17,20	11,14	11,16	-	11,13
3	-	10,12	13	-	12,17	17.3,20
	8,10	12	-	15	13,14	-
	28,30	12,15	X	12	20,21	-
	-	16,28.2	7	11	17	
J23ZRL	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 3 - STR Results

J6KXM4	Identifiler®					
		17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
J6LWGC	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
J8ZQZP	PowerPlex® Fusion 5C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	
JABET3	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
JB8RHF	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
JFG2DQ	PowerPlex® ESI 16 Fast					
	16,17.3	17,20	11,14	11,16		
3			13,13		12,17	17.3,20
		12,12		15,15	13,14	
	28,30	12,15	X,X		20,21	
			7,7		17,17	
JFTDZG	Identifiler®					
		17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

JGX6EX	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
JH4P3X	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
JJWXU	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
JKFG27	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
JLLTQU	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
JNCVWH	GlobalFiler™, MiniFiler					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
JNREGF	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 3 - STR Results

JPHTFP	Identifiler® Plus					
	-	17,20	-	11,16	-	11,13
3	-	10,12	13	-	-	-
	8,10	12	-	15	13,14	-
	28,30	-	XX	12	20,21	-
	-	-	7	11	17	
JPNMVQ	Identifiler® Plus, Investigator® 24plex QS					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	XX	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
JQFWD8	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		XX	12,12	20,21	
			7,7	11,11	17,17	
JRAXKD	PowerPlex® 21					
	16,17.3	17,20		11,16		11,13
3	11	10,11	13			17.3,20
	8,10	12		15	13,14	
	28,30		X	12	20,21	9
	7,11		7	11	17	
JRPTV6	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	XX	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
JT2TRY	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
JT832C	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

JTMEC3	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
JUHNTY	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
JUZVWV	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
JVCLWY	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
JW4L3B	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
JZ7BJY	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
K4GYGZ	Identifiler® Plus, PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

K6EC28	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16	N/A	11,13
	3	N/A	10,12	13	N/A	12,17
	8,10	12	N/A	15	13,14	N/A
	28,30	12,15	X	12	20,21	9
	7,11	N/A	7	11	17	
K6W8LU	Identifiler® Plus					
		17,20		11,16		11,13
	3	10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
		7,7	11,11	17,17		
K7CBM2	Identifiler®, MiniFiler & SGM+					
		17,20		11,16		11,13
	3	10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
		7,7	11,11	17,17		
K8ZZHE	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
K9BXTB	Identifiler® Plus					
		17,20		11,16		11,13
	3	10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
		7	11	17		
K9HVB2						
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X,X	12	20,21	
		16,28.2	7	11	17	
KANGP2	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	



TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

KBEM2K	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
	16,28.2	7,7	11,11	17,17		
KJRMNA	Identifiler® Plus, GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
	16,28.2	7	11	17		
KKTDXX	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
KKZTW4	Identifiler® Plus					
		17,20		11,16		11,13
	3	10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
		7,7	11,11	17,17		
KMNUQD	GlobalFiler™ PCR Amplification Kit					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
	16,28.2	7,7	11,11	17,17		
KN32EF	Identifiler® Plus					
		17,20		11,16		11,13
	3	10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
		7,7	11,11	17,17		
KQE9Y3	Identifiler® Plus, PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

KTFCF3	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
	16,28.2	7	11	17		
KTNF6F	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
KUU9WN	Identifiler® Plus					
		17,20		<12,16		11,13
	3	10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
		7,7	11,11	17,17		
KV3ANU	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
	16,28.2	7	11	17		
KXU3P4	Identifiler®					
		17,20		11,16		11,13
	3	10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
		7,7	11,11	17,17		
KXXBV	PowerPlex® Fuson					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	
L36LEP	Investigator® 24plex					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
	16,28.2	7	11	17		

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

L3QVNT	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
LALXP6	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
LB2AE2	PowerPlex® PP21					
	16,17.3	17,20		11,16		11,13
3		10,12	13,13			17.3,20
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	
LBWQGX	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
LC8T4W	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
LCC44A	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
LD2JAB	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

LFBF9M	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
LFTL6R	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
LGJRJW	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
LGPUJ3	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
LK22L3	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
LMR7DE	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
LPB9YZ	GlobalFiler™					
	16,17.3	17,20	11,14	<12,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

LPUUED	Identifiler® Plus	17,20		11,16		11,13		
		3	10,12	13				
		8,10	12		15	13,14		
		28,30		X	12	20,21		
				7	11	17		
LR2Z3D	Identifiler® Plus	17,20		11,16		11,13		
		3	10,12	13,13				
		8,10	12,12		15,15	13,14		
		28,30		X,X	12,12	20,21		
				7,7	11,11	17,17		
LR6QHE	PowerPlex® Fusion 6C	16,17.3	17,20	11,14	11,16	NA	11,13	
		3	NA	10,12	13	NA	12,17	17.3,20
		8,10	12	NA	15	13,14	NA	
		28,30	12,15	X	12	20,21	9	
		7,11	16,28.2	7	11	17		
LR9FKQ	Identifiler® Plus	17,20		11,16		11,13		
		3	10,12	13,13				
		8,10	12,12		15,15	13,14		
		28,30		X,X	12,12	20,21		
				7,7	11,11	17,17		
LT32EH	GlobalFiler™	16,17.3	17,20	11,14	11,16		11,13	
		3	10,12	13,13		12,17	17.3,20	
		8,10	12,12		15,15	13,14		
		28,30	12,15	X,X	12,12	20,21		
			16,28.2	7,7	11,11	17,17		
LX9VW7	Identifiler® Plus, MiniFiler	17,20		11,16		11,13		
		3	10,12	13				
		8,10	12		15	13,14		
		28,30		X	12	20,21		
				7	11	17		
LXC9PU	GlobalFiler™	16,17.3	17,20	11,14	11,16		11,13	
		3	10,12	13,13		12,17	17.3,20	
		8,10	12,12		15,15	13,14		
		28,30	12,15	X,X	12,12	20,21		
			16,28.2	7,7	11,11	17,17		

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 3 - STR Results

M28236	GlobalFiler™ PCR Amplification Kit					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
M3V6HA	PowerPlex® Fusion 6C & 5C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
M77RQA	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
M7W98B	GlobalFiler™					
	16,17.3	17,20	11,14	11,16	-	11,13
3		10,12	13	-	12,17	17.3,20
	8,10	12	-	15	13,14	-
	28,30	12,15	X	12	20,21	-
	-	16,28.2	7	11	17	
M8BQBG	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
M92WPL	Identifiler® Plus					
	-	17,20	-	11,16	-	11,13
3		10,12	13	-	-	-
	8,10	12	-	15	13,14	-
	28,30	-	X,X	12	20,21	-
	-	-	7	11	17	
ME9TK3	Identifiler®					
		17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

MN3C9U	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
MNYQT2	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
MPQXNY	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
MPZJVF	Investigator® 24plex 24plex QS					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
MQ8Y48	PowerPlex® 21					
	16,17.3	17,20		11,16		11,13
3	11,11	10,12	13,13			17.3,20
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	
MR2V42	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
MTBH3F	GlobalFiler™, MiniFiler					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

N4AQ84	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
N6Y9TW	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
N7EEK9	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
N8M3X8	GlobalFiler™					
	16,17.3	17,20	11,14	11,16	Not Tested	11,13
	3	Not Tested	13,13	Not Tested	12,17	17.3,20
	8,10	12,12	Not Tested	15,15	13,14	Not Tested
	28,30	12,15	X,X	12,12	20,21	Not Tested
	Not Tested	16,28.2	7,7	11,11	17,17	
N9H7LT	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
NBB3ZF	Identifiler®					
		17,20		11,16		11,13
	3	10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
NBN7M9	GlobalFiler™					
	16,17.3	17,20	11,14	11,16	Not Tested	11,13
	3	Not Tested	13,13	Not Tested	12,17	17.3,20
	8,10	12,12	Not Tested	15,15	13,14	Not Tested
	28,30	12,15	X,X	12,12	20,21	Not Tested
	Not Tested	16,28.2	7,7	11,11	17,17	



TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

NBQAF6	Identifiler® Plus, GlobalFiler™					
		16,17.3	17,20	11,14	11,16	11,13
	3		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
		16,28.2	7	11	17	
NDRLPQ	GlobalFiler™					
		16,17.3	17,20	11,14	11,16	11,13
	3		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
		16,28.2	7	11	17	
NDZGKJ	Identifiler® Plus					
			17,20		11,16	11,13
	3		10,12	13,13		
		8,10	12,12		15,15	13,14
		28,30		X,X	12,12	20,21
			7,7	11,11	17,17	
NJJ9PK	Identifiler® Plus, GlobalFiler™					
		16,17.3	17,20	11,14	11,16	11,13
	3		10,12	13,13		12,17
		8,10	12,12		15,15	13,14
		28,30	12,15	X,X	12,12	20,21
		16,28.2	7,7	11,11	17,17	
NK97MV	Identifiler® Plus, PowerPlex® FUSION					
		16,17.3	17,20	11,14	11,16	11,13
	3		10,12	13		12,17
		8,10	12		15	13,14
		28,30		X	12	20,21
	7,11		7	11	17	9
NL6KCA	PowerPlex® Fusion5c					
		16,17.3	17,20	11,14	11,16	11,13
	3		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
	7,11		7	11	17	9
NLKN82	PowerPlex® Fusion					
		16,17.3	17,20	11,14	11,16	11,13
	3		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
	7,11		7	11	17	9

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 3 - STR Results

NLQZ4X	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12		13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
NM4RUU	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12		13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
NNQW68	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12		13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
NT97Z6	PowerPlex® 5C					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12		13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
NTDKD6	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12		13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
NUK6WY	Identifiler® Plus					
		17,20		11,16		11,13
3	10,12		13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
NVKXYD	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12		13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 3 - STR Results

NX7UD7	Identifiler® Plus, GlobalFiler™					
		16,17.3	17,20	11,14	11,16	11,13
	3		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
		16,28.2	7	11	17	
NXLDW3	Investigator® 24plex QS					
		16,17.3	17,20	11,14	11,16	11,13
	3		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
		16,28.2	7	11	17	
NYUAH8	PowerPlex® Fusion 6C					
		16,17.3	17,20	11,14	11,16	11,13
	3		10,12	13,13		12,17
		8,10	12,12		15,15	13,14
		28,30	12,15	X,X	12,12	20,21
	7,11	16,28.2	7,7	11,11	17,17	9,9
P6D4N4	Identifiler® Plus					
			17,20		11,16	11,13
	3		10,12	13		
		8,10	12		15	13,14
		28,30		X,X	12	20,21
			7	11	17	
PFMB46	PowerPlex® Fusion 6C					
		16,17.3	17,20	11,14	11,16	11,13
	3		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
	7,11	16,28.2	7	11	17	9
PH24MJ	PowerPlex® Fusion					
		16,17.3	17,20	11,14	11,16	11,13
	3		10,12	13,13		12,17
		8,10	12,12		15,15	13,14
		28,30	12,15	X,X	12,12	20,21
	7,11		7,7	11,11	17,17	9,9
PJDQBY	GlobalFiler™					
		16,17.3	17,20	11,14	<12,16	11,13
	3		10,12	13,13		12,17
		8,10	12,12		15,15	13,14
		28,30	12,15	X,X	12,12	20,21
		16,28.2	7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

PNBFKJ	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
	16,28.2	7	11	17		
PPHLUY	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
	16,28.2	7	11	17		
PQTNK4	Identifiler® Plus					
		17,20		11,16		11,13
	3	10,12	13			
	8,10	12		15	13,14	
	28,30		X,X	12	20,21	
		7	11	17		
PUWD7L	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
PVRTMP	PowerPlex® Fusion 5c					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
PX2K9C	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
	16,28.2	7	11	17		
PX3MRP	Identifiler® Plus, PowerPlex® 6C					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

PXDH6G	Identifiler®	17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
PXWZTG	Identifiler® Plus, MiniFiler	17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
PZ4UQ8	GlobalFiler™	16,17.3	17,20	11,14	11,16	11,13
3		10,12	13			12,17
	8,10	12		15	13,14	17.3,20
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
Q2R9CH	Identifiler® Plus	17,20		<12,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
Q39RQ3	Identifiler® Plus, GlobalFiler™	16,17.3	17,20	11,14	11,16	n/a
3		10,12	13,13			11,13
	n/a	12,12	n/a	15,15	13,14	17.3,20
	8,10	12,12	n/a	15,15	13,14	n/a
	28,30	12,15	X,X	12,12	20,21	n/a
		16,28.2	7,7	11,11	17,17	
Q3KNXR	Identifiler®, GlobalFiler™	16,17.3	17,20	11,14	11,16	11,13
3		10,12	13			12,17
	8,10	12		15	13,14	17.3,20
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
Q3QG89	Identifiler® Plus, PowerPlex® Fusion 6C	16,17.3	17,20	11,14	11,16	11,13
3		10,12	13			12,17
	8,10	12		15	13,14	17.3,20
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 3 - STR Results

Q4DE48	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
Q4GFWE	Identifiler® Plus, GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13,13 12,17 17.3,20					
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
Q7MBQW	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
Q8JQCU	Identifiler® Plus					
		17,20		11,16		11,13
3	10,12 13,13					
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
Q9WDU9	Identifiler® Plus					
		17,20		<12,16		11,13
3	10,12 13					
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
QAP344	Identifiler® Plus, GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13,13 12,17 17.3,20					
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
QFETE6	Identifiler® Plus					
		17,20		11,16		11,13
3	10,12 13					
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

QG6YTB	GlobalFiler™, MiniFiler					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
QH3ALR	Identifiler® Plus					
		17,20		11,16		11,13
3	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
QLLGVD	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
QMYNJF	Qiagen Investigator					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X,X	12	20,21	
		16,28.2	7	11	17	
QP4ENA	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
QQULRT	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
QU8GBW	Identifiler® Plus, GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12 13 12,17 17.3,20					
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

QUY9H6	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
QVA7X8	Identifiler® Plus, PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
QWZCAR	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
QXAD4D	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
R378Q7	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X,X	12	20,21	
			7	11	17	
R3QYNX	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
R4G633	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	



TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 3 - STR Results

R6BZK6	Identifiler® Plus	17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
R7YXR6	GlobalFiler™	17,20	11,14	11,16	NA	11,13
3	16,17.3	10,12	13,13	NA	12,17	17.3,20
	8,10	12,12	NA	15,15	13,14	NA
	28,30	12,15	X,X	12,12	20,21	NA
	NA	16,28.2	7,7	11,11	17,17	
RFTEQR	GlobalFiler™	17,20	11,14	11,16		11,13
3	16,17.3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X,X	12	20,21	
		16,28.2	7	11	17	
RK86X9	GlobalFiler™	17,20	11,14	11,16		11,13
3	16,17.3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
RLRPC7	GlobalFiler™ PCR Amplification Kit	17,20	11,14	11,16		11,13
3	16,17.3	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
RMQFFK	Identifiler® Plus	17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
RPHZXB	GlobalFiler™	17,20	11,14	11,16		11,13
3	16,17.3	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

RPWLDE	Identifiler®					
		17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
RQM6WR	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
RTDKDA	Identifiler® Plus					
		17,20		<12,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
RU3L6W	Identifiler®					
	N/A	17,20	N/A	11,16	N/A	11,13
3		10,12	13,13	N/A	N/A	N/A
	8,10	12,12	N/A	15,15	13,14	N/A
	28,30	N/A	X,X	12,12	20,21	N/A
	N/A	N/A	7,7	11,11	17,17	
RUPRPV	Identifiler®					
		17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
RWCL9H	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
RXC9H3	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

T4DAPA	Identifiler® Plus					
	NA	17,20	NA	11,16	NA	11,13
3	NA	10,12	13,13	NA	NA	NA
	8,10	12,12	NA	15,15	13,14	NA
	28,30	NA	X,X	12,12	20,21	NA
	NA	NA	7,7	11,11	17,17	
T63AWT	Identifiler® Plus, GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
T8772U	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
T8NBLD	Identifiler®					
		17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
T8V4T3	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
T8XUYK	Identifiler® Plus					
	NA	17,20	NA	11,16	NA	11,13
3	NA	10,12	13,13	NA	NA	NA
	8,10	12,12	NA	15,15	13,14	NA
	28,30	NA	X,X	12,12	20,21	NA
	NA	NA	7,7	11,11	17,17	
TAYZ46	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

TECWRE	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	
TEWNQQ	Identifiler® Plus					
		17,20		11,16		11,13
	3	10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
		7	11	17		
THU7Q4	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
	16,28.2	7	11	17		
TL978Y	GlobalFiler™ PCR Amplification Kit					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
	16,28.2	7,7	11,11	17,17		
TLVYYG	PowerPlex® F6C					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
TM2HYX	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
TP7828	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
	16,28.2	7,7	11,11	17,17		

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

TRGY93	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X,X	12	20,21	
			7	11	17	
TRWDFC	Identifiler®, PowerPlex® ESI 17 Pro, NGM SELECT					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
TWAYMX	Identifiler® Plus, MiniFiler					
		17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
TWEKBQ	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
TX4CZW	PowerPlex® PP21					
	16,17.3	17,20		11,16		11,13
3	11	10,12	13			17.3,20
	8,10	12		15	13,14	
	28,30		X	12	20,21	9
	7,11		7	11	17	
U9GVXY	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
UBQAUK	GlobalFiler™					
	16,17.3	17,20	11,14	11,16	-	11,13
3	-	10,12	13	-	12,17	17.3,20
	8,10	12	-	15	13,14	-
	28,30	12,15	X	12	20,21	-
	-	16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

UDV3JH	Identifiler® Plus	17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
UEKCDQ	Identifiler® Plus, PowerPlex® Fusion	16,17.3	17,20	11,14	11,16	11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30		X	12	20,21	9
	7,11		7	11	17	
UEPNKV	PowerPlex® ESI17Pro + ESX17	16,17.3	17,20	11,14	11,16	
3			13		12,17	17.3,20
		12		15	13,14	
	28,30	12,15	X,X		20,21	
		16,28.2	7		17	
UKE7T7	PowerPlex® Fusion 6C	16,17.3	17,20	11,14	11,16	11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
UKT4X6	PowerPlex® 16			11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15		
	28,30		X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	
ULMJWZ	GlobalFiler™	16,17.3	17,20	11,14	11,16	11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X,X	12	20,21	
		16,28.2	7	11	17	
UMHV6M	PowerPlex® FUSION	16,17.3	17,20	11,14	11,16	11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

UW8RUU	Identifiler® Plus	17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
UXPJ8K	GlobalFiler™	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
V222L8	Investigator® 24plex QS	17,20	11,14	11,16		[11],13
3		10,12	13,13		12,17	[17.3],20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
V43BDB	GlobalFiler™	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
V494RC	PowerPlex® Fusion 6C	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
V8HAJX	PowerPlex® ESI 16 Fast	17,20	11,14	11,16		
3			13		12,17	17.3,20
		12		15	13,14	
	28,30	12,15	X		20,21	
			7		17	
V9YTXH	GlobalFiler™	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 3 - STR Results

VBKGFA	Identifiler®					
		17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
VCGRDX	Identifiler® Plus					
		17,20		<12,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
VEMBEE	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X,X	12	20,21	
		16,28.2	7	11	17	
VG4GF2	GlobalFiler™ PCR Amplification Kit					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
VGDM2R	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
VHYFPE	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
VKBZW4	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	



TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 3 - STR Results

VKEJVR	PowerPlex® 21					
	16,17.3	17,20		11,16		11,13
3	11,11	10,12	13,13			17.3,20
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	
VKNRMY	PowerPlex® F6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
VL4WDB	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
VLL2FG	Identifiler®, GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
VPGVAC	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
VQ2FF9	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
VTLJVT	Identifiler® Plus, GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 3 - STR Results

VUWCX9	Identifiler® Plus	17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
VUYYFL	PowerPlex® Fusion 6C	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
WLGFU	GlobalFiler™	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
VWAJLB	Identifiler® Plus	17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
VXZYR	PowerPlex® 21	17,20		11,16		11,13
3		10,12	13,13			17.3,20
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	
W7BKKZ	GlobalFiler™	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
WC2R6U	Identifiler® Plus	17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 3 - STR Results

WCBXAH	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
	16,28.2	7,7	11,11	17,17		
WKAD4W	Investigator® 24plex QS					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
	16,28.2	7	11	17		
WLM39U	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
	16,28.2	7,7	11,11	17,17		
WLNVB9	Identifiler® Plus, PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
WMD9MY	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
	3	10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
	16,28.2	7	11	17		
WME2ND	Identifiler® Plus					
		17,20		11,16		11,13
	3	10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
		7	11	17		
WTLP3F	Identifiler® Plus					
		17,20		11,16		11,13
	3	10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
		7	11	17		

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 3 - STR Results

WUR4G9	PowerPlex® Fusion 6C					
		16,17.3	17,20	11,14	11,16	11,13
	3		10,12	13,13		12,17
		8,10	12,12		15,15	13,14
		28,30	12,15	X,X	12,12	20,21
	7,11	16,28.2	7,7	11,11	17,17	
WVNG2F	PowerPlex® 6C					
		16,17.3	17,20	11,14	11,16	11,13
	3		10,12	13,13		12,17
		8,10	12,12		15,15	13,14
		28,30	12,15	X,X	12,12	20,21
	7,11	16,28.2	7,7	11,11	17,17	
WW96VV	PowerPlex® Fusion 6C					
		16,17.3	17,20	11,14	11,16	11,13
	3		10,12	13		12,17
		8,10	12		15	13,14
		28,30	12,15	X	12	20,21
	7,11	16,28.2	7	11	17	
WXVT7V	Identifiler®					
			17,20		11,16	11,13
	3		10,12	13,13		
		8,10	12,12		15,15	13,14
		28,30		X,X	12,12	20,21
			7,7	11,11	17,17	
WYMXEA	Identifiler®					
			17,20		11,16	11,13
	3		10,12	13		
		8,10	12		15	13,14
		28,30		X	12	20,21
			7	11	17	
WZJAB3	GlobalFiler™					
		16,17.3	17,20	11,14	11,16	11,13
	3		10,12	13,13		12,17
		8,10	12,12		15,15	13,14
		28,30	12,15	X,X	12,12	20,21
		16,28.2	7,7	11,11	17,17	
X2TLJQ	Identifiler® Plus					
			17,20		11,16	11,13
	3		10,12	13		
		8,10	12		15	13,14
		28,30		X	12	20,21
			7	11	17	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

X6BY7Z	Identifiler® Plus, PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
X6MW34	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
X74Q6Y	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
X8WQCB	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
X8ZDQ4	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
XA2H4N	Identifiler® Plus, PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
XBKZMX	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16	-	11,13
3		10,12	13	-	12,17	17.3,20
	8,10	12	-	15	13,14	-
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

XC8VXJ	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
XDN388	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
XG7WAY	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
XJCMC9	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
XJEA8	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
XK2GT4	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
XK64CH	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X,X	12	20,21	
		16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

XLUVB8	Identifiler®					
		17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
XNLR3M	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
XPBXZ8	Identifiler® Plus, GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
XQ9FMM	Identifiler® Plus, PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
XRHKPP	Identifiler®					
	N/A	17,20	N/A	11,16	N/A	11,13
3		10,12	13,13	N/A	N/A	N/A
	8,10	12,12	N/A	15,15	13,14	N/A
	28,30	N/A	X,X	12,12	20,21	N/A
	N/A	N/A	7,7	11,11	17,17	
XRMUZN	Identifiler®					
		17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
XTV6HZ	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 3 - STR Results

XURJ8D	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
XWBPEN	Identifiler® Plus, PowerPlex® FUSION					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
XWE6XF	Identifiler®					
		17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
XYM4JA	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
XZDGV2	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
Y3FY9M	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
Y7CC7K	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	



TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

Y7CHBL	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
Y7L4H3	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
YB6YRZ	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	
YCTRV6	Qiagen 24-plex QS					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
YD8YJ8	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
YDFFVJ	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
YFTUWY	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 3 - STR Results

YG4PHQ	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12		13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
YGGB3Z	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12		13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
YGXN74	PowerPlex® fusion					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12		13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11		7	11	17	
YJPH8E	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12		13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
YM7W3Z	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12		13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
YNJL8X	Identifiler® Plus, PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12		13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
YPRM6Q	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3	10,12		13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

YQKPLD	Identifiler®	17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
YT97TZ	PowerPlex® Fusion 5C	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	XX	12	20,21	9
	7,11		7	11	17	
YTW7CY	PowerPlex® Fusion 6C	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
YU8DBK	Identifiler® Plus, PowerPlex® Fusion 6C	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
YX268W	PowerPlex® FUSION 5C, MiniFiler	17,20	11,14	11,16	NA	11,13
3		10,12	13	NA	12,17	17.3,20
	8,10	12	NA	15	13,14	NA
	28,30	12,15	X	12	20,21	9
	7,11	NA	7	11	17	
YYDZVA	PowerPlex® Fusion	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	XX	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	
YYKXFL	Identifiler® Plus	17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

Z2LCNW	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
Z44GZM	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
Z6Z8VT	Identifiler® Plus, GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
Z7EH3Y	PowerPlex® Fusion					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11		7,7	11,11	17,17	
Z9DULR	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
Z9WQXR	PowerPlex® ESI					
	16,17.3	17,20	11,14	11,16		
3			13,13		12,17	17.3,20
		12,12		15,15	13,14	
	28,30	12,15	X,X		20,21	
		16,28.2	7,7		17,17	
ZA4HMN	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 3 - STR Results

ZAEQ6N	Identifiler® Plus	17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
ZBC23C	PowerPlex® Fusion 6C	16,17.3	17,20	11,14	11,16	11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
ZEPVQV	PowerPlex® Fusion 6C	16,17.3	17,20	11,14	11,16	11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	9,9
	7,11	16,28.2	7,7	11,11	17,17	
ZFZA3Q	GlobalFiler™ PCR Amplification Kit	16,17.3	17,20	11,14	11,16	11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
ZGCD6A	PowerPlex® Fusion 6C	16,17.3	17,20	11,14	11,16	11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
ZMYCAP	Identifiler®	17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
ZPMMHV	GlobalFiler™	16,17.3	17,20	11,14	11,16	11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 3 - STR Results

ZPR87X	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
ZTLP7Q	GlobalFiler™ PCR Amplification Kit					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13,13		12,17	17.3,20
	8,10	12,12		15,15	13,14	
	28,30	12,15	X,X	12,12	20,21	
		16,28.2	7,7	11,11	17,17	
ZV8UU9	Identifiler®					
		17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	
ZVHC8F	Identifiler® Plus					
	-	17,20	-	11,16	-	11,13
3	-	10,12	13,13	-	-	-
	8,10	12,12	-	15,15	13,14	-
	28,30	-	X,X	12,12	20,21	-
	-	-	7,7	11,11	17,17	
ZVJ3KP	GlobalFiler™					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	
		16,28.2	7	11	17	
ZVYNR7	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
ZW4PL7	Identifiler® ID Plus					
		17,20		<12,16		11,13
3		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 3 - STR Results

ZWEQWT	PowerPlex® Fusion 6C					
	16,17.3	17,20	11,14	11,16		11,13
3		10,12	13		12,17	17.3,20
	8,10	12		15	13,14	
	28,30	12,15	X	12	20,21	9
	7,11	16,28.2	7	11	17	
ZX6WBX	Identifiler® Plus					
		17,20		11,16		11,13
3		10,12	13			
	8,10	12		15	13,14	
	28,30		X	12	20,21	
			7	11	17	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 3e - STR Results

B48B3W	Identifiler® Plus	17,20		<12,16		11,13
3e		10,12	13,13			
	8,10	12,12		15,15	13,14	
	28,30		X,X	12,12	20,21	
			7,7	11,11	17,17	



TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 3sp - STR Results

B48B3W Identifiler® Plus

3sp


TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

22VQAJ	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4	10,12		10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
24E3NE	Identifiler®, PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
4	10,12		10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
27C2BT	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15,15		11,12
4	10,12		10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	
2AU4RY	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4	10,12		10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
2B4E3A	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4	10,12		10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
2BMC79	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4	10,12		10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
2C3F92	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4	10,12		10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 4 - STR Results

2GBWAP	PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
2H6MF4	Identifiler®					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
2KCPU9	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
2MBELF	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
2QFTK8	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
2QGL69	Identifiler® Plus					
	-	19,21	-	15	-	11,12
4		10,12	10,14	-	-	-
	11	9,12	-	15,22	13	-
	27,31.2	-	X,Y	12	19,20	-
	-	-	7	9,11	19,20	
2VQX7F	PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

2WPKUE	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
2XG84M	Identifiler® Plus					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
2YZPR3	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
2ZYBXL	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
32FQYU	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
32XUHT	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
34EM7V	GlobalFiler™ PCR amplification Kit					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

34FKGQ	PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
34GWEZ	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
34PNLN	Identifiler® ID+					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
372YUK	PowerPlex® Fusion 6C, GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
37KKNV	Identifiler® Plus, PowerPlex® Fusion 6C, GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
39VHDY	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
39Y6TR	PowerPlex® 21					
	11,16	19,21		15,15		11,12
4	12,14	10,12	10,14			19,20
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	10,11
	7,13		7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

3B4L2V	GlobalFiler™						
	11,16	19,21	10,11	15		11,12	
	4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13		
	27,31.2	16	X,Y	12	19,20		
	18,24.2	7	9,11	19,20			
3DAZQA	PowerPlex® Fusion 6C						
	11,16	19,21	10,11	15		11,12	
	4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13		
	27,31.2	16	X,Y	12	19,20		10,11
	7,13	18,24.2	7	9,11	19,20		
3EJZHA	PowerPlex® Fusion 6C						
	11,16	19,21	10,11	15		11,12	
	4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13		
	27,31.2	16	X,Y	12	19,20		10,11
	7,13	18,24.2	7	9,11	19,20		
3G2K34	Identifiler®						
		19,21		15		11,12	
	4		10,12	10,14			
	11	9,12		15,22	13		
	27,31.2		X,Y	12	19,20		
		7	9,11	19,20			
3G6J9T	PowerPlex® Fusion						
	11,16	19,21	10,11	15		11,12	
	4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13		
	27,31.2	16	X,Y	12	19,20		10,11
	7,13		7	9,11	19,20		
3H29UF	Identifiler® Plus						
		19,21		15		11,12	
	4		10,12	10,14			
	11	9,12		15,22	13		
	27,31.2		X,Y	12	19,20		
		7	9,11	19,20			
3HC264	PowerPlex® Fusion						
	11,16	19,21	10,11	15		11,12	
	4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13		
	27,31.2	16	X,Y	12	19,20		10,11
	7,13		7	9,11	19,20		

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 4 - STR Results

3HCYFY	Identifiler® +					
		19,21		15,15		11,12
4		10,12	10,14			
		11,11	9,12	15,22	13,13	
		27,31.2	X,Y	12,12	19,20	
			7,7	9,11	19,20	
3HFWVG	PowerPlex® Fusion 6C					
		19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
		11	9,12	15,22	13	
		27,31.2	16	X,Y	12	19,20
		7,13	18,24.2	7	9,11	19,20
3J28B4	Investigator® 24plex					
		19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
		11	9,12	15,22	13	
		27,31.2	16	X,Y	12	19,20
			18,24.2	7	9,11	19,20
3LMZ2C	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
		11,11	9,12	15,22	13,13	
		27,31.2	X,Y	12,12	19,20	
			7,7	9,11	19,20	
3QQ7D9	GlobalFiler™					
		19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
		11	9,12	15,22	13	
		27,31.2	16	X,Y	12	19,20
			18,24.2	7	9,11	19,20
3QTMKF	PowerPlex® Fusion					
		19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
		11	9,12	15,22	13	
		27,31.2	16	X,Y	12	19,20
		7,13	7	9,11	19,20	
3R6KUQ	PowerPlex® Fusion 5C, MiniFiler					
		19,21	10,11	15	NA	11,12
4		10,12	10,14	NA	12,14	19,20
		11	9,12	15,22	13	NA
		27,31.2	16	X,Y	12	19,20
		7,13	NA	7	9,11	19,20

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

3RLRZ9	PowerPlex® Fusion6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
3RUMW2	Identifiler® Plus					
	NA	19,21	NA	15,15	NA	11,12
4		10,12	10,14		NA	NA
	11,11	9,12	NA	15,22	13,13	NA
	27,31.2	NA	X,Y	12,12	19,20	NA
	NA	NA	7,7	9,11	19,20	
3TZZ7M	Identifiler®					
	N/A	19,21	N/A	15,15	N/A	11,12
4		10,12	10,14		N/A	N/A
	11,11	9,12	N/A	15,22	13,13	N/A
	27,31.2	N/A	X,Y	12,12	19,20	N/A
	N/A	N/A	7,7	9,11	19,20	
3VLZ74	Identifiler®					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
3WLME3	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
3XU2JM	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
3YUUL2	PowerPlex® Fusion6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	



TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

3YVRWX	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
3Z3E2P	PowerPlex® Fusion 5C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
44FEZ2	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
44WJ6T	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
467Q8L	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
46DQG3	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
46TXU8	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

49L7RL	Identifiler®					
	n/a	19,21	n/a	15,15	n/a	11,12
4	n/a	10,12	10,14	n/a	n/a	n/a
	11,11	9,12	n/a	15,22	13,13	n/a
	27,31.2	n/a	X,Y	12,12	19,20	n/a
	n/a	n/a	7,7	9,11	19,20	
4AMW7G	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
4AMX6L	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
4CVXHF	Identifiler®					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
4JA4TD	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
4K79KE	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
4MPKYB	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

4RFCBT	GlobalFiler™					
	11,16	19,21	10,11	15,15	NA	11,12
4	NA	10,12	10,14	NA	12,14	19,20
	11,11	9,12	NA	15,22	13,13	NA
	27,31.2	16,16	X,Y	12,12	19,20	NA
	NA	18,24.2	7,7	9,11	19,20	
4RKC78	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
4V9EMU	Identifiler® Plus					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
4VLBNR	Identifiler® Plus, MiniFiler					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
4WATHX	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	
4WX7C6	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
4YM6WV	GlobalFiler™					
	11,16	19,21	10,11	15,15	-	11,12
4	-	10,12	10,14	-	12,14	19,20
	11,11	9,12	-	15,22	13,13	-
	27,31.2	16,16	X,Y	12,12	19,20	-
	-	18,24.2	7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 4 - STR Results

628KE2	Identifiler® Plus	19,21		15,15		11,12
4		10,12	10,14			
		11,11	9,12	15,22	13,13	
		27,31.2	X,Y	12,12	19,20	
			7,7	9,11	19,20	
62BY9P	PowerPlex® PP21	19,21		15,15		11,12
4		10,12	10,14			19,20
		11,11	9,12	15,22	13,13	
		27,31.2	X,Y	12,12	19,20	10,11
		7,13	7,7	9,11	19,20	
63VX3L	GlobalFiler™	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
		11,11	9,12	15,22	13,13	
		27,31.2	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
67GQ6F	GlobalFiler™	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
		11,11	9,12	15,22	13,13	
		27,31.2	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
694FEL	GlobalFiler™	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
		11,11	9,12	15,22	13,13	
		27,31.2	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
69LHWU	PowerPlex® 6C	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
		11	9,12	15,22	13	
		27,31.2	16	X,Y	12	19,20
		7,13	18,24.2	7	9,11	19,20
6AW8DK	Identifiler®	19,21	N/A	15,15	N/A	11,12
4		10,12	10,14	N/A	N/A	N/A
		11,11	9,12	N/A	15,22	13,13
		27,31.2	X,Y	12,12	19,20	
			7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 4 - STR Results

6AXUJK	Identifiler®	19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
6C4MKQ	Identifiler® Plus, PowerPlex® Fusion 6C, GlobalFiler™	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
6G6LEH	PowerPlex® 21	19,21		15,15		11,12
4		10,12	10,14			19,20
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	10,11
	7,13		7,7	9,11	19,20	
6HTBAU	GlobalFiler™	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
6J48ML	Identifiler® Plus	19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
6J6CFW	GlobalFiler™	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
6KHEBN	Identifiler® Plus	19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 4 - STR Results

6L8XT2	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
	4		10,12	10,14		12,14
		11,11	9,12		15,22	13,13
		27,31.2	16,16	X,Y	12,12	19,20
		18,24.2	7,7	9,11	19,20	
6NMWTH	PowerPlex® 21					
	11,16	19,21		15,15		11,12
	4		10,12	10,14		19,20
		11,11	9,12		15,22	13,13
		27,31.2		X,Y	12,12	19,20
	7,13		7,7	9,11	19,20	10,11
6PEYBR	Identifiler® Plus					
		19,21		15		11,12
	4		10,12	10,14		
		11	9,12		15,22	13
		27,31.2		X,Y	12	19,20
			7	9,11	19,20	
6PTFFT	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
	4		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
	7,13	18,24.2	7	9,11	19,20	10,11
6U2FJQ	PowerPlex® ESI 16, NGM					
	11,16	19,21	10,11	15		
	4			10,14		12,14
			9,12		15,22	13
		27,31.2	16	X,Y		19,20
			7		19,20	
6UBGVY	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
	4		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
		18,24.2	7	9,11	19,20	
6X93M2	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
	4		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
	7,13	18,24.2	7	9,11	19,20	10,11

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

6YJ3JV	GlobalFiler™					
		11,16	19,21	10,11	15	11,12
	4		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
		18,24.2	7	9,11	19,20	
6YXFYR	GlobalFiler™					
		11,16	19,21	10,11	15	11,12
	4		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
		18,24.2	7	9,11	19,20	
6ZB9VF	Identifiler® Plus, PowerPlex® Fusion 6C					
		11,16	19,21	10,11	15	11,12
	4		10,12	10,14		19,20
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
	7,13	18,24.2	7	9,11	19,20	
747G4U	GlobalFiler™					
		11,16	19,21	10,11	15,15	Not Tested
	4	Not Tested	10,12	10,14	Not Tested	12,14
		11,11	9,12	Not Tested	15,22	13,13
		27,31.2	16,16	X,Y	12,12	19,20
	Not Tested	18,24.2	7,7	9,11	19,20	Not Tested
76QQYH	PowerPlex® 21					
		11,16	19,21		15,15	11,12
	4	12,14	10,12	10,14		19,20
		11,11	9,12		15,22	13,13
		27,31.2		X,Y	12,12	19,20
	7,13		7,7	9,11	19,20	10,11
7BBXDG	Identifiler® Plus					
			19,21		15	11,12
	4		10,12	10,14		
		11	9,12		15,22	13
		27,31.2		X,Y	12	19,20
			7	9,11	19,20	
7DPV6C	PowerPlex® Fusion					
		11,16	19,21	10,11	15	11,12
	4		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
	7,13		7	9,11	19,20	10,11

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

7EQLFZ	Identifiler®, GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
7EU6JV	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
7F8MUN	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
7KT7RR	GlobalFiler™					
	11,16	19,21	10,11	15,15	N/A	11,12
4	N/A	10,12	10,14	N/A	12,14	19,20
	11,11	9,12	N/A	15,22	13,13	N/A
	27,31.2	16,16	X,Y	12,12	19,20	N/A
	N/A	18,24.2	7,7	9,11	19,20	
7M2XG6	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
7MJRD9	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
7MMFTQ	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	



TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 4 - STR Results

7NF63L	PowerPlex® Fusion						
	11,16	19,21	10,11	15		11,12	
	4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13		
	27,31.2	16	X,Y	12	19,20		10,11
	7,13		7	9,11	19,20		
7PDL8W	GlobalFiler™						
	11,16	19,21	10,11	15		11,12	
	4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13		
	27,31.2	16	X,Y	12	19,20		
		18,24.2	7	9,11	19,20		
7RFGXL	Identifiler® Plus, GlobalFiler™						
	11,16	19,21	10,11	15,15	NT	11,12	
	4		10,12	10,14	NT	12,14	19,20
	11,11	9,12	NT	15,22	13,13		NT
	27,31.2	16,16	X,Y	12,12	19,20		NT
	NT	18,24.2	7,7	9,11	19,20		
7RRD4Q	PowerPlex® Fusion 6C						
	11,16	19,21	10,11	15		11,12	
	4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13		
	27,31.2	16	X,Y	12	19,20		10,11
	7,13	18,24.2	7	9,11	19,20		
7TNQT4	GlobalFiler™						
	11,16	19,21	10,11	15,15		11,12	
	4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13		
	27,31.2	16,16	X,Y	12,12	19,20		
		18,24.2	7,7	9,11	19,20		
7UL2LL	Identifiler® Plus, GlobalFiler™						
	11,16	19,21	10,11	15,15		11,12	
	4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13		
	27,31.2	16,16	X,Y	12,12	19,20		
		18,24.2	7,7	9,11	19,20		
7UZCCD	PowerPlex® Fusion 6C						
	11,16	19,21	10,11	15		11,12	
	4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13		
	27,31.2	16	X,Y	12	19,20		10,11
	7,13	18,24.2	7	9,11	19,20		

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 4 - STR Results

7X63WZ	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
7ZRJ8T	Identifiler® Plus					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
82G9UT	Identifiler®					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
86KVTH	Identifiler® Plus					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
86WTPL	Identifiler® Plus, GlobalFiler™, MiniFiler					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
86YZW3	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
876KK3	Identifiler® Plus					
	NT	19,21	NT	15,15	NT	11,12
4	NT	10,12	10,14	NT	NT	NT
	11,11	9,12	NT	15,22	13,13	NT
	27,31.2	NT	X,Y	12,12	19,20	NT
	NT	NT	7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

879LNU	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
87QJVZ	PowerPlex®					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13		7,7	9,11	19,20	
89XWG9	PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
8BZUPF	PowerPlex® Fusion 5C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
8GNNGL	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
8H2QE2	Identifiler® Plus, GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
8JXPME	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

8M2BNX	Identifiler® Plus, MiniFiler					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
8M4Y8W	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
8NU6JG	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
8RCDLM	Identifiler® Plus, GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
8RPR6P	PowerPlex® Fusion 5C & 6C, GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
8T64R2	PowerPlex® Fusion					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13		7,7	9,11	19,20	
8TJQ4N	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 4 - STR Results

8TNWZQ	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
8W3QJ4	PowerPlex® F6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
8WNC2L	Identifiler® Plus, GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
8WUF3R	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
8YAFTM	PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
8ZLQQW	Identifiler® Plus, MiniFiler					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
8ZNEAW	Identifiler®					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

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92YFUA	Identifiler® Plus					
	-	19,21	-	15,15	-	11,12
4	-	10,12	10,14	-	-	-
	11,11	9,12	-	15,22	13,13	-
	27,31.2	-	X,Y	12,12	19,20	-
	-	-	7,7	9,11	19,20	
938TCB	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
93TJ8G	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
96FZKV	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
982P23	Identifiler®					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
982WYN	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
98ZYNR	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 4 - STR Results

9A4TBB	Identifiler® Plus, MiniFiler					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
9A93KP	Identifiler® Plus, PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	
9BZ4L7	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
		18,24.2	7,7	9,11	19,20	
9CADYB	Identifiler® Plus, PowerPlex® FUSION					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
9D6RNP	PowerPlex® Fusion 5C, 6C, GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
9DQ8GY	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
9FBMKU	Identifiler®					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 4 - STR Results

9H36TR	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4	10,12 10,14 12,14 19,20					
	11	9,12		15,22	13	
	27,31.2 16 X,Y 12 19,20					
		18,24.2	7	9,11	19,20	
9H48C6	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4	10,12 10,14 12,14 19,20					
	11,11	9,12		15,22	13,13	
	27,31.2 16,16 X,Y 12,12 19,20					
		18,24.2	7,7	9,11	19,20	
9K2NBR	PowerPlex® Fusion 5C					
	11,16	19,21	10,11	15,15		11,12
4	10,12 10,14 12,14 19,20					
	11,11	9,12		15,22	13,13	
	27,31.2 16,16 X,Y 12,12 19,20 10,11					
	7,13		7,7	9,11	19,20	
9MCD7P	PowerPlex® FUSION 6C					
	11,16	19,21	10,11	15		11,12
4	10,12 10,14 12,14 19,20					
	11	9,12		15,22	13	
	27,31.2 16 X,Y 12 19,20 10,11					
	7,13	18,24.2	7	9,11	19,20	
9P33CJ	GlobalFiler™ PCR Amplification Kit					
	11,16	19,21	10,11	15,15		11,12
4	10,12 10,14 12,14 19,20					
	11,11	9,12		15,22	13,13	
	27,31.2 16,16 X,Y 12,12 19,20					
		18,24.2	7,7	9,11	19,20	
9ZK6PP	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4	10,12 10,14 12,14 19,20					
	11	9,12		15,22	13	
	27,31.2 16 X,Y 12 19,20 10,11					
	7,13	18,24.2	7	9,11	19,20	
A2UKLM	Identifiler® Plus					
		19,21		15		11,12
4	10,12 10,14					
	11	9,12		15,22	13	
	27,31.2 X,Y 12 19,20					
			7	9,11	19,20	



TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
Penta E	SE33	TH01	TPOX	vWA		

## Item 4 - STR Results

A37CGP	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15	N/A	11,12
4	N/A	10,12	10,14	N/A	12,14	19,20
	11	9,12	N/A	15,22	13	N/A
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
A6CX9W	PowerPlex® FUSION 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
A734M2	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
A8DUM6	PowerPlex® Fusion					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13		7,7	9,11	19,20	
A9T8F9	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	
AAFBL	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	
ABJ47N	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

ACPXFT	PowerPlex® Fusion 5C, Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
AE9C3W	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
AFP43K	PowerPlex® Fusion 5C, MiniFiler					
	11,16	19,21	10,11	15	NA	11,12
4	NA	10,12	10,14	NA	12,14	19,20
	11	9,12	NA	15,22	13	NA
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	NA	7	9,11	19,20	
AJWDCV	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
AK4RN4	PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
AKMF7X	PowerPlex® fusion					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13		7,7	9,11	19,20	
AMQMFW	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 4 - STR Results

ANHBKQ	Identifiler®	19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
APC4FA	GlobalFiler™	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
AVLB4T	PowerPlex® Fusion 6C	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	
AWD8V9	GlobalFiler™	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
AXWWAM	PowerPlex® Fusion 6C	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
AYKPRJ	Identifiler® Plus, GlobalFiler™	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
AZA38F	Identifiler®	19,21	N/A	15,15	N/A	11,12
4		10,12	10,14	N/A	N/A	N/A
	11,11	9,12	N/A	15,22	13,13	N/A
	27,31.2	N/A	X,Y	12,12	19,20	N/A
	N/A	N/A	7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

AZX7ZQ	PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
B2LWNF	PowerPlex® Fusion 5C, MiniFiler					
	11,16	19,21	10,11	15	NA	11,12
4	NA	10,12	10,14	NA	12,14	19,20
	11	9,12	NA	15,22	13	NA
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	NA	7	9,11	19,20	
B3EZ39	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
B48B3W	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
B6JHEJ	PowerPlex® 21					
	11,16	19,21	-	15	-	11,12
4	12,14	10,12	10,14	-	-	19,20
	11	9,12	-	15,22	13	-
	27,31.2	-	X,Y	12	19,20	10,11
	7,13	-	7	9,11	19,20	
B7JHQ6	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
B8BPL2	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 4 - STR Results

B8D8RD	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
B8UTN4	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
BC78AE	Identifiler® Plus					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
BDY3TG	Identifiler®					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
BGZF79	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
BJ7KYW	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
BKHBD8	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

BN47ZZ	Identifiler®					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
BNJCGB	Identifiler® Plus					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
BQZHBK	GlobalFiler™					
	11,16	19,21	10,11	15,15	N/A	11,12
4	N/A	10,12	10,14	N/A	12,14	19,20
	11,11	9,12	N/A	15,22	13,13	N/A
	27,31.2	16,16	{X,Y}	12,12	19,20	N/A
	N/A	18,24.2	7,7	9,11	19,20	
BRLDFL	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
BRM3QB	Identifiler® Plus, PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
BU2ZH7	PowerPlex® Fusion					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13		7,7	9,11	19,20	
BUKV98	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 4 - STR Results

BWT3F8	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
BX3488	PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
BX7H72	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
BYT82E	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
C24BLH	Identifiler® Plus, GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
C2KM4M	Identifiler® Plus					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
C2XB9V	Identifiler® Plus					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

C4CG6X	Identifiler® Plus					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
C8PBTH	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	
C93U4Z	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
CAVX7M	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
CB6UP6	PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
CB9C6G	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
CBP24H	PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	



TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 4 - STR Results

CC6WRG	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
CCD3UJ	Identifiler® Plus, PowerPlex® Fusion 6C, GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
CDYHJM	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
CEVTHV	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
CGZJMQ	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
CM4MB4	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
CMJP66	PowerPlex® Fusion 5C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

CPBPG9	Identifiler® Plus	19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
CTJY4P	Identifiler® Plus	19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
CVALRR	PowerPlex® Fusion 6C	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	
CW8YDY	PowerPlex® F6C	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
CX2ET3	PowerPlex® Fusion	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,[20]
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
CX6VCU	Identifiler® Plus	19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
D4NK9N	GlobalFiler™	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

D93D8U	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
DBL9T9	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
DCCHT3	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
DD9Y6Y	Identifiler® Plus					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,(21),22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
DG8EDM	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
DJDY2M	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
DM23JU	Identifiler® Identifiler Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

DQRPH8	Identifiler® Plus, GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
DR9WTV	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
DX4BBD	Identifiler®					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
DYLZQH	Identifiler® Plus, PowerPlex® 6C, GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
E2QM4L	Identifiler®					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
E2RHPD	Identifiler® Plus, MiniFiler					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
E2WYZJ	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 4 - STR Results

E6RFQD	GlobalFiler™ PCR Amplification kit					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
E6UG3R	PowerPlex® ESI16, in-house					
	11,16	19,21	10,11	15		
4			10,14		12,14	19,20
		9,12		15,22	13	
	27,31.2	16	X,Y		19,20	
			7		19,20	
EA7DYE	Investigator® 24plex					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
EAMLM9	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
ECFFPJ	Identifiler® Plus					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
EGQHM9	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
EGTDZC	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

EKB98B	PowerPlex® ESX16Fast					
	11,16	19,21	10,11	15		
4			10,14		12,14	19,20
		9,12		15,22	13	
	27,31.2	16	X,Y		19,20	
			7		19,20	
ELLF3Q	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
EN83LE	Identifiler® Plus, MiniFiler					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
ENANUF	Identifiler® Plus					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
EPG4QK	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
EPVMD4	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
ERKYAN	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

ETDVC4	PowerPlex® Fusion, Fusion					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
EUCRCY	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
EUT7E3	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
EUUU6T	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
F262ZH	GlobalFiler™ PCR Amplification Kit					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
F27G79	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
F2RT6G	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 4 - STR Results

F794CJ	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
F7BRVH	Identifiler® Plus, PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
F8CPDJ	GlobalFiler™ Express					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
F9KABC	PowerPlex® Fusion 5C, MiniFiler					
	11,16	19,21	10,11	15	NA	11,12
4	NA	10,12	10,14	NA	12,14	19,20
	11	9,12	NA	15,22	13	NA
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	NA	7	9,11	19,20	
FGHVM7	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
FKGF4B	Identifiler® Plus, MiniFiler					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
FMUKL8	Identifiler®					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	



TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

FMVM2D	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
FNLTEH	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
FV2XBJ	GlobalFiler™ PCR Amplification Kit					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
FWZRVF	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
FXEYGW	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
FYP4RZ	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
G2HK7D	PowerPlex® Fusion 5C, MiniFiler					
	11,16	19,21	10,11	15	NA	11,12
4	NA	10,12	10,14	NA	12,14	19,20
	11	9,12	NA	15,22	13	NA
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	NA	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 4 - STR Results

G3VYW8	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
	4		10,12	10,14		12,14
		11,11	9,12		15,22	13,13
		27,31.2	16,16	X,Y	12,12	19,20
		18,24.2	7,7	9,11	19,20	
G48P4Q	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
	4		10,12	10,14		12,14
		11,11	9,12		15,22	13,13
		27,31.2	16,16	X,Y	12,12	19,20
		18,24.2	7,7	9,11	19,20	
G76YBF	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
	4		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
	7,13	18,24.2	7	9,11	19,20	10,11
G8VV4F	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
	4		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
		18,24.2	7	9,11	19,20	
GA3KXC	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
	4		10,12	10,14		12,14
		11,11	9,12		15,22	13,13
		27,31.2	16,16	X,Y	12,12	19,20
		18,24.2	7,7	9,11	19,20	
GBPDLY	PowerPlex® Fusion					
	11,16	19,21	10,11	15,15		11,12
	4		10,12	10,14		12,14
		11,11	9,12		15,22	13,13
		27,31.2	16,16	X,Y	12,12	19,20
	7,13		7,7	9,11	19,20	10,11
GBRZ6Y	Identifiler® Plus					
		19,21		15		11,12
	4		10,12	10,14		
		11	9,12		15,22	13
		27,31.2		X,Y	12	19,20
			7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 4 - STR Results

GBTQCG	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
	4	10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
	18,24.2	7	9,11	19,20		
GD4JGG	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
	4	10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
	18,24.2	7	9,11	19,20		
GF4VXP	Identifiler® Plus					
	-	19,21	-	15	-	11,12
	4	10,12	10,14	-	-	-
	11	9,12	-	15,22	13	-
	27,31.2	-	X,Y	12	19,20	-
	-	7	9,11	19,20		
GG28TH	PowerPlex® Fusion					
	11,16	19,21	10,11	15,15		11,12
	4	10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13		7,7	9,11	19,20	
GHDMLX	Identifiler® Plus, PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
	4	10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
GJ6UGU	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
	4	10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
	18,24.2	7,7	9,11	19,20		
GKFP68	PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
	4	10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 4 - STR Results

GKXX9	GlobalFiler™					
		11,16	19,21	10,11	15,15	11,12
	4		10,12	10,14		12,14
		11,11	9,12		15,22	13,13
		27,31.2	16,16	X,Y	12,12	19,20
		18,24.2	7,7	9,11	19,20	
GLXYM	PowerPlex® Fusion 6C					
		11,16	19,21	10,11	15	11,12
	4		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
	7,13	18,24.2	7	9,11	19,20	10,11
GM3DG8	PowerPlex® ESX-17 Fast & ESI-17 Fast					
		11,16	19,21	10,11	15	
	4			10,14		12,14
			9,12		15,22	13
		27,31.2	16	X,Y		19,20
		18,24.2	7	9,11	19,20	
GMDVUE	PowerPlex® Fusion 6C					
		11,16	19,21	10,11	15	11,12
	4		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
	7,13	18,24.2	7	9,11	19,20	10,11
GQ6F4N	Identifiler®					
			19,21		15	11,12
	4		10,12	10,14		
		11	9,12		15,22	13
		27,31.2		X,Y	12	19,20
			7	9,11	19,20	
GQJRXL	PowerPlex® Fusion					
		11,16	19,21	10,11	15,15	11,12
	4		10,12	10,14		12,14
		11,11	9,12		15,22	13,13
		27,31.2	16,16	X,Y	12,12	19,20
	7,13		7,7	9,11	19,20	10,11
GREZVR	Identifiler® Plus					
		N/T	19,21	N/T	15,15	N/T
	4		10,12	10,14	N/T	N/T
		11,11	9,12	N/T	15,22	13,13
		27,31.2	N/T	X,Y	12,12	19,20
	N/T	N/T	7,7	9,11	19,20	N/T

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 4 - STR Results

GV4K79	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
GWDJLB	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
GWRBWE	PowerPlex® Fusion 5C, 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
GYZ8XB	Investigator® 24plex 24plex QS					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
GZ9JED	Identifiler® Plus, GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
H3A3JY	PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
H47CZV	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 4 - STR Results

H9JRCM	Identifiler® Plus, GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
HCL7YX	Identifiler® Plus					
	-	19,21	-	15,15	-	11,12
4		10,12	10,14	-	-	-
	11,11	9,12	-	15,22	13,13	-
	27,31.2	-	X,Y	12,12	19,20	-
	-	-	7,7	9,11	19,20	
HDYDPL	PowerPlex® Fusion 5C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
HERJQX	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
HFLAT6	PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
HGE4UF	Identifiler® Plus					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
HHTKTF	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

HHUH4B	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
HL9ZFZ	Identifiler® Plus					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
HLN7T6	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
HNEK32	Identifiler® Plus					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
HPURMW	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
HVQ3J9	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
HYTDLG	GlobalFiler™					
	11,16	19,21	10,11	15	-	11,12
4	-	10,12	10,14	-	12,14	19,20
	11	9,12	-	15,22	13	-
	27,31.2	16	X,Y	12	19,20	-
	-	18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 4 - STR Results

J23ZRL	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4	10,12 10,14 12,14 19,20					
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
J6KXM4	Identifiler®					
		19,21		15,15		11,12
4	10,12 10,14					
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
J6LWGC	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4	10,12 10,14 12,14 19,20					
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
J8ZQZP	PowerPlex® Fusion 5C					
	11,16	19,21	10,11	15,15		11,12
4	10,12 10,14 12,14 19,20					
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13		7,7	9,11	19,20	
JABET3	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4	10,12 10,14 12,14 19,20					
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
JB8RHF	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4	10,12 10,14 12,14 19,20					
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
JFG2DQ	PowerPlex® ESI 16 Fast					
	11,16	19,21	10,11	15,15		
4	10,14 12,14 19,20					
		9,12		15,22	13,13	
	27,31.2	16,16	X,Y		19,20	
			7,7		19,20	



TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

JFTDZG	Identifiler®	19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
JGX6EX	Identifiler® Plus	19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
JH4P3X	Identifiler® Plus	19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
JJVVXU	GlobalFiler™	19,21	10,11	15		11,12
4	11,16	10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
JKFG27	Identifiler® Plus	19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
JLLTQU	Identifiler® Plus	19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
JNCVWH	GlobalFiler™	19,21	10,11	15		11,12
4	11,16	10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

JNREGF	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
JPHTFP	Identifiler® Plus					
	-	19,21	-	15	-	11,12
4		10,12	10,14	-	-	-
	11	9,12	-	15,22	13	-
	27,31.2	-	X,Y	12	19,20	-
	-	-	7	9,11	19,20	
JPNMVQ	Identifiler® Plus, Investigator® 24plex QS					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
JQFWD8	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
JRAXKD	PowerPlex® 21					
	11,16	19,21		15		11,12
4		10,11	10,14			19,20
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
JRPTV6	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
JT2TRY	PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 4 - STR Results

JT832C	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
JTMEC3	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
JUHNTY	Identifiler® Plus					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
JUZVWV	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
JVCLWY	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
JW4L3B	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
JZ7BJY	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 4 - STR Results

K4GYGZ	Identifiler® Plus, PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
K6EC28	PowerPlex® Fusion					
	11,16	19,21	10,11	15	N/A	11,12
4	N/A	10,12	10,14	N/A	12,14	19,20
	11	9,12	N/A	15,22	13	N/A
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	N/A	7	9,11	19,20	
K6W8LU	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
K7CBM2	Identifiler®, MiniFiler & SGM+					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
K8ZZHE	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
K9BXTB	Identifiler® Plus					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
K9HVB2	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
Penta E	SE33	TH01	TPOX	vWA		

Item 4 - STR Results

KANGP2	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
	4	10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
	18,24.2	7,7	9,11	19,20		
KBEM2K	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
	4	10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
	18,24.2	7,7	9,11	19,20		
KJRMNA	Identifiler® Plus, GlobalFiler™					
	11,16	19,21	10,11	15		11,12
	4	10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
	18,24.2	7	9,11	19,20		
KKTDXX	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
	4	10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
KKZTW4	Identifiler® Plus					
		19,21		15,15		11,12
	4	10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
		7,7	9,11	19,20		
KMNUQD	GlobalFiler™ PCR Amplification Kit					
	11,16	19,21	10,11	15,15		11,12
	4	10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
	18,24.2	7,7	9,11	19,20		
KN32EF	Identifiler® Plus					
		19,21		15,15		11,12
	4	10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
		7,7	9,11	19,20		

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

KQE9Y3	Identifiler® Plus, PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
KTF3F3	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
KTNF6F	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
KUU9WN	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
KV3ANU	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
KXU3P4	Identifiler®					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
KXVXBV	PowerPlex® Fusion					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13		7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 4 - STR Results

L36LEP	Investigator® 24plex					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
L3QVNT	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
LALXP6	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
LB2AE2	PowerPlex® PP21					
	11,16	19,21		15,15		11,12
4	12,14	10,12	10,14			19,20
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	10,11
	7,13		7,7	9,11	19,20	
LBWQGX	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
LC8T4W	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
LCC44A	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 4 - STR Results

LD2JAB	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4	10,12		10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
LFBF9M	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4	10,12		10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
LFTL6R	Identifiler® Plus					
		19,21		15,15		11,12
4	10,12		10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
LGJRJW	Identifiler® Plus					
		19,21		15		11,12
4	10,12		10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
LGPUJ3	Identifiler® Plus					
		19,21		15		11,12
4	10,12		10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
LK22L3	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4	10,12		10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
LMR7DE	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4	10,12		10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	



TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 4 - STR Results

LPB9YZ	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
LPUUED	Identifiler® Plus					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
LR2Z3D	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
LR6QHE	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15	NA	11,12
4	NA	10,12	10,14	NA	12,14	19,20
	11	9,12	NA	15,22	13	NA
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
LR9FKQ	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
LT32EH	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
LX9VW7	Identifiler® Plus, MiniFiler					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

LXC9PU	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
M28236	GlobalFiler™ PCR Amplification Kit					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
M3V6HA	PowerPlex® Fusion 6C & 5C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
M77RQA	Identifiler® Plus					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
M7W98B	GlobalFiler™					
	11,16	19,21	10,11	15	-	11,12
4		10,12	10,14	-	12,14	19,20
	11	9,12	-	15,22	13	-
	27,31.2	16	X,Y	12	19,20	-
	-	18,24.2	7	9,11	19,20	
M8BQBG	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	
M92WPL	Identifiler® Plus					
	-	19,21	-	15	-	11,12
4		10,12	10,14	-	-	-
	11	9,12	-	15,22	13	-
	27,31.2	-	X,Y	12	19,20	-
	-	-	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 4 - STR Results

ME9TK3	Identifiler®					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
MN3C9U	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
MNYQT2	Identifiler® Plus					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
MPQXNY	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
MPZJVF	Investigator® 24plex 24plex QS					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
MQ8Y48	PowerPlex® 21					
	11,16	19,21		15,15		11,12
4	12,14	10,12	10,14			19,20
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	10,11
	7,13		7,7	9,11	19,20	
MR2V42	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

MTBH3F	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
	4	10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
	18,24.2	7	9,11	19,20		
N4AQ84	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
	4	10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
N6Y9TW	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
	4	10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
	18,24.2	7,7	9,11	19,20		
N7EEK9	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
	4	10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
N8M3X8	GlobalFiler™					
	11,16	19,21	10,11	15,15	Not Tested	11,12
	4	Not Tested	10,14	Not Tested	12,14	19,20
	11,11	9,12	Not Tested	15,22	13,13	Not Tested
	27,31.2	16,16	X,Y	12,12	19,20	Not Tested
	Not Tested	18,24.2	7,7	9,11	19,20	
N9H7LT	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
	4	10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
	18,24.2	7	9,11	19,20		
NBB3ZF	Identifiler®					
		19,21		15,15		11,12
	4	10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
		7,7	9,11	19,20		

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

NBN7M9	GlobalFiler™					
	11,16	19,21	10,11	15,15	Not Tested	11,12
	Not Tested	10,12	10,14	Not Tested	12,14	19,20
	11,11	9,12	Not Tested	15,22	13,13	Not Tested
	27,31.2	16,16	X,Y	12,12	19,20	Not Tested
	Not Tested	18,24.2	7,7	9,11	19,20	
NBQAF6	Identifiler® Plus, GlobalFiler™					
	11,16	19,21	10,11	15		11,12
	Not Tested	10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
	18,24.2	7	9,11	19,20		
NDRLPQ	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
	Not Tested	10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
	18,24.2	7	9,11	19,20		
NDZGKJ	Identifiler® Plus, MiniFiler					
		19,21		15,15		11,12
	Not Tested	10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
		7,7	9,11	19,20		
NJJ9PK	Identifiler® Plus, GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
	Not Tested	10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
	18,24.2	7,7	9,11	19,20		
NK97MV	Identifiler® Plus, PowerPlex® FUSION					
	11,16	19,21	10,11	15		11,12
	Not Tested	10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	10,11
	7,13	7	9,11	19,20		
NL6KCA	PowerPlex® Fusion5c					
	11,16	19,21	10,11	15		11,12
	Not Tested	10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	7	9,11	19,20		

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

NLKN82	PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
4	10,12					
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
NLQZ4X	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15,15		11,12
4	10,12					
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	
NM4RUU	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15,15		11,12
4	10,12					
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	
NNQW68	PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
4	10,12					
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
NT97Z6	PowerPlex® Fusion 5C					
	11,16	19,21	10,11	15		11,12
4	10,12					
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
NTDKD6	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4	10,12					
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
NUK6WY	Identifiler® Plus					
		19,21		15		11,12
4	10,12					
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

NVKXYD	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
	4		10,12	10,14		12,14
		11,11	9,12		15,22	13,13
		27,31.2	16,16	X,Y	12,12	19,20
		18,24.2	7,7	9,11	19,20	
NX7UD7	Identifiler® Plus, GlobalFiler™					
	11,16	19,21	10,11	15		11,12
	4		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
		18,24.2	7	9,11	19,20	
NXLDW3	Investigator® 24plex QS					
	11,16	19,21	10,11	15		11,12
	4		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
		18,24.2	7	9,11	19,20	
NYUAH8	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15,15		11,12
	4		10,12	10,14		12,14
		11,11	9,12		15,22	13,13
		27,31.2	16,16	X,Y	12,12	19,20
	7,13	18,24.2	7,7	9,11	19,20	10,11
P6D4N4	Identifiler® Plus					
		19,21		15		11,12
	4		10,12	10,14		
		11	9,12		15,22	13
		27,31.2		X,Y	12	19,20
			7	9,11	19,20	
PFMB46	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
	4		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
	7,13	18,24.2	7	9,11	19,20	10,11
PH24MJ	PowerPlex® Fusion					
	11,16	19,21	10,11	15,15		11,12
	4		10,12	10,14		12,14
		11,11	9,12		15,22	13,13
		27,31.2	16,16	X,Y	12,12	19,20
	7,13		7,7	9,11	19,20	10,11

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 4 - STR Results

PJDQBY	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
PNBFKJ	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
PPHLUY	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
PQTNK4	Identifiler® Plus					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
PUWD7L	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
PVRTMP	PowerPlex® Fusion 5c					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
PX2K9C	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	



TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

PX3MRP	Identifiler® Plus, PowerPlex® 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
PXDH6G	Identifiler®					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
PXWZTG	Identifiler® Plus, MiniFiler					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
PZ4UQ8	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
Q2R9CH	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
Q39RQ3	Identifiler® Plus, GlobalFiler™					
	11,16	19,21	10,11	15,15	n/a	11,12
4	n/a	10,12	10,14	n/a	12,14	19,20
	11,11	9,12	n/a	15,22	13,13	n/a
	27,31.2	16,16	X,Y	12,12	19,20	n/a
	n/a	18,24.2	7,7	9,11	19,20	
Q3KNXR	Identifiler®, GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 4 - STR Results

Q3QGB9	Identifiler® Plus, PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4	10,12 10,14 12,14 19,20					
	11	9,12		15,22	13	
	27,31.2 16 X,Y 12 19,20 10,11					
	7,13	18,24.2	7	9,11	19,20	
Q4DE48	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4	10,12 10,14 12,14 19,20					
	11	9,12		15,22	13	
	27,31.2 16 X,Y 12 19,20 10,11					
	7,13	18,24.2	7	9,11	19,20	
Q4GFWE	Identifiler® Plus, GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4	10,12 10,14 12,14 19,20					
	11,11	9,12		15,22	13,13	
	27,31.2 16,16 X,Y 12,12 19,20					
		18,24.2	7,7	9,11	19,20	
Q7MBQW	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4	10,12 10,14 12,14 19,20					
	11	9,12		15,22	13	
	27,31.2 16 X,Y 12 19,20					
		18,24.2	7	9,11	19,20	
Q8JQCU	Identifiler® Plus					
		19,21		15,15		11,12
4	10,12 10,14					
	11,11	9,12		15,22	13,13	
	27,31.2 X,Y 12,12 19,20					
			7,7	9,11	19,20	
Q9WDU9	Identifiler® Plus					
		19,21		15		11,12
4	10,12 10,14					
	11	9,12		15,22	13	
	27,31.2 X,Y 12 19,20					
			7	9,11	19,20	
QAP344	Identifiler® Plus, GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4	10,12 10,14 12,14 19,20					
	11,11	9,12		15,22	13,13	
	27,31.2 16,16 X,Y 12,12 19,20					
		18,24.2	7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

QFETE6	Identifiler® Plus	19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
QG6YTB	GlobalFiler™	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
QH3ALR	Identifiler® Plus	19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
QLLGDV	GlobalFiler™	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
QMYNJF	Qiagen Investigator	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
QP4ENA	PowerPlex® Fusion 6C	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
QQULRT	PowerPlex® Fusion 6C	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

QU8GBW	Identifiler® Plus, GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
QUY9H6	Identifiler® Plus					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
QVA7X8	Identifiler® Plus, PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
QWZCAR	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
QXAD4D	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	
R378Q7	Identifiler® Plus					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
R3QYNX	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 4 - STR Results

R4G633	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
R6BZK6	Identifiler® Plus					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
R7YXR6	GlobalFiler™					
	{11,16}	19,21	10,11	15,15	NA	11,12
4	NA	10,12	10,14	NA	12,14	19,20
	11,11	9,12	NA	15,22	13,13	NA
	27,31.2	16,16	X,Y	12,12	19,20	NA
	NA	18,24.2	7,7	9,11	19,20	
RFTEQR	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
RK86X9	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
RLRPC7	GlobalFiler™ PCR Amplification Kit					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
RMQFFK	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 4 - STR Results

RPHZXB	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
	4	10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
	18,24.2	7,7	9,11	19,20		
RPWLDE	Identifiler®					
		19,21		15		11,12
	4	10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
		7	9,11	19,20		
RQM6WR	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
	4	10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
	18,24.2	7,7	9,11	19,20		
RTDKDA	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
	4	10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
	18,24.2	7,7	9,11	19,20		
RU3L6W	Identifiler®					
	N/A	19,21	N/A	15,15	N/A	11,12
	4	10,12	10,14	N/A	N/A	N/A
	11,11	9,12	N/A	15,22	13,13	N/A
	27,31.2	N/A	X,Y	12,12	19,20	N/A
	N/A	7,7	9,11	19,20		
RUPRPV	Identifiler®					
		19,21		15		11,12
	4	10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
		7	9,11	19,20		
RWCL9H	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
	4	10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

RXC9H3	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
T4DAPA	Identifiler® Plus					
	NA	19,21	NA	15,15	NA	11,12
4		10,12	10,14		NA	NA
	11,11	9,12	NA	15,22	13,13	NA
	27,31.2	NA	X,Y	12,12	19,20	NA
	NA	NA	7,7	9,11	19,20	
T63AWT	Identifiler® Plus, GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
T8772U	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
T8NBLD	Identifiler®					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
T8V4T3	Identifiler® Plus					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
T8XUYK	Identifiler® Plus					
	NA	19,21	NA	15,15	NA	11,12
4		10,12	10,14		NA	NA
	11,11	9,12	NA	15,22	13,13	NA
	27,31.2	NA	X,Y	12,12	19,20	NA
	NA	NA	7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

TAYZ46	Identifiler® Plus					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
TECWRE	PowerPlex® Fusion					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13		7,7	9,11	19,20	
TEWNQQ	Identifiler® Plus					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
THU7Q4	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
TL978Y	GlobalFiler™ PCR Amplification Kit					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
TLVYYG	PowerPlex® F6C					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	
TM2HYX	PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	



TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

TP7828	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
TRGY93	Identifiler® Plus					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
TRWDFC	Identifiler®, PowerPlex® ESI 17 Pro, NGM SElect					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
TWAYMX	Identifiler® Plus, MiniFiler					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
TWEKBQ	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
TX4CZW	PowerPlex® PP21					
	11,16	19,21		15		11,12
4		10,12	10,14			19,20
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
U9GVXY	PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 4 - STR Results

UBQAUK	GlobalFiler™					
	11,16	19,21	10,11	15	-	11,12
4	-	10,12	10,14	-	12,14	19,20
	11	9,12	-	15,22	13	-
	27,31.2	16	X,Y	12	19,20	-
	-	18,24.2	7	9,11	19,20	
UDV3JH	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
UEKCDQ	Identifiler® Plus, PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
UEPNKV	PowerPlex® ESI17Pro + ESX17					
	11,16	19,21	10,11	15		
4			10,14		12,14	19,20
		9,12		15,22	13	
	27,31.2	16	X,Y		19,20	
		18,24.2	7		19,20	
UKE7T7	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
UKT4X6	PowerPlex® 16					
				15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22		
	27,31.2		X,Y	12,12	19,20	10,11
	7,13		7,7	9,11	19,20	
ULMJWZ	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

UMHV6M	PowerPlex® FUSION					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
UW8RUU	Identifiler® Plus					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
UXPJ8K	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
V222L8	Investigator® 24plex QS					
	11,[16]	19,[21]	10,11	15,15		11,12
4		10,12	[10],14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
V43BDB	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
V494RC	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
V8HAJX	PowerPlex® ESI 16 Fast					
	11,16	19,21	10,11	15		
4			10,14		12,14	19,20
		9,12		15,22	13	
	27,31.2	16	X,Y		19,20	
			7		19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

V9YTXH	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
VBKGFA	Identifiler®					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
VCGRDX	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
VEMBEE	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
VG4GF2	GlobalFiler™ PCR Amplification Kit					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
VGDM2R	Identifiler® Plus					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
VHYFPE	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 4 - STR Results

VKBZW4	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	
VKEJVR	PowerPlex® 21					
	11,16	19,21		15,15		11,12
4		10,12	10,14			19,20
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	10,11
	7,13		7,7	9,11	19,20	
VKNRMY	PowerPlex® F6C					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	
VL4WDB	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
VLL2FG	Identifiler®, GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
VPGVAC	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
VQ2FF9	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

VTLJVT	Identifiler® Plus, GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
VUWCX9	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
VUYYFL	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	
WLGUFU	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
VWAJLB	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
VXZYR	PowerPlex® 21					
	11,16	19,21		15,15		11,12
4		10,12	10,14			19,20
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	10,11
	7,13		7,7	9,11	19,20	
W7BKKZ	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 4 - STR Results

WC2R6U	Identifiler® Plus	19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
WCBXAH	GlobalFiler™	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
WKAD4W	Investigator® 24plex 24plex QS	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
WLM39U	GlobalFiler™	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
WLNVB9	Identifiler® Plus, PowerPlex® Fusion 6C	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
WMD9MY	GlobalFiler™	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
WME2ND	Identifiler® Plus	19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 4 - STR Results

WTLP3F	Identifiler® Plus	19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
WUR4G9	PowerPlex® Fusion 6C	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	
WVNG2F	PowerPlex® 6C	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	
WW96VW	PowerPlex® Fusion 6C	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
WXVT7V	Identifiler®	19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
WYMXEA	Identifiler®	19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
WZJAB3	GlobalFiler™	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	



TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

X2TLJQ	Identifiler® Plus					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
X6BY7Z	Identifiler® Plus, PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
X6MW34	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13	18,24.2	7,7	9,11	19,20	
X74Q6Y	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
X8WQCB	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
X8ZDQ4	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
XA2H4N	Identifiler® Plus, PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 4 - STR Results

XBKZMX	PowerPlex® Fusion 6C						
		11,16	19,21	10,11	15	-	11,12
	4	-	10,12	10,14	-	12,14	19,20
		11	9,12	-	15,22	13	-
		27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20		
XC8VXJ	PowerPlex® Fusion						
		11,16	19,21	10,11	15		11,12
	4	-	10,12	10,14	-	12,14	19,20
		11	9,12		15,22	13	
		27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20		
XDN388	Identifiler® Plus						
			19,21		15,15		11,12
	4	-	10,12	10,14	-		
		11,11	9,12		15,22	13,13	
		27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20		
XG7WAY	GlobalFiler™						
		11,16	19,21	10,11	15,15		11,12
	4	-	10,12	10,14	-	12,14	19,20
		11,11	9,12		15,22	13,13	
		27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20		
XJCMC9	Identifiler® Plus						
			19,21		15,15		11,12
	4	-	10,12	10,14	-		
		11,11	9,12		15,22	13,13	
		27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20		
XJEA8	GlobalFiler™						
		11,16	19,21	10,11	15,15		11,12
	4	-	10,12	10,14	-	12,14	19,20
		11,11	9,12		15,22	13,13	
		27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20		
XK2GT4	Identifiler®						
			19,21		15,15		11,12
	4	-	10,12	10,14	-		
		11,11	9,12		15,22	13,13	
		27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20		

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

XK64CH	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
	4	10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
	18,24.2	7	9,11	19,20		
XLUVB8	Identifiler®					
		19,21		15		11,12
	4	10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
		7	9,11	19,20		
XNLR3M	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
	4	10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
	18,24.2	7,7	9,11	19,20		
XPBXZ8	Identifiler® Plus, GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
	4	10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
	18,24.2	7,7	9,11	19,20		
XQ9FMM	Identifiler® Plus, PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
	4	10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
XRHKPP	Identifiler®					
	N/A	19,21	N/A	15,15	N/A	11,12
	4	10,12	10,14	N/A	N/A	N/A
	11,11	9,12	N/A	15,22	13,13	N/A
	27,31.2	N/A	X,Y	12,12	19,20	N/A
	N/A	7,7	9,11	19,20		
XRMUZN	Identifiler®					
		19,21		15,15		11,12
	4	10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
		7,7	9,11	19,20		

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

XTV6HZ	PowerPlex® Fusion 6C					
		11,16	19,21	10,11	15	11,12
	4		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
	7,13	18,24.2	7	9,11	19,20	
XURJ8D	GlobalFiler™					
		11,16	19,21	10,11	15	11,12
	4		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
		18,24.2	7	9,11	19,20	
XWBPEN	Identifiler® Plus, PowerPlex® FUSION					
		11,16	19,21	10,11	15	11,12
	4		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
	7,13		7	9,11	19,20	
XWE6XF	Identifiler®					
			19,21		15	11,12
	4		10,12	10,14		
		11	9,12		15,22	13
		27,31.2		X,Y	12	19,20
			7	9,11	19,20	
XYM4JA	Identifiler® Plus, MiniFiler					
			19,21		15,15	11,12
	4		10,12	10,14		
		11,11	9,12		15,22	13,13
		27,31.2		X,Y	12,12	19,20
			7,7	9,11	19,20	
XZDGV2	PowerPlex® Fusion 6C					
		11,16	19,21	10,11	15,15	11,12
	4		10,12	10,14		12,14
		11,11	9,12		15,22	13,13
		27,31.2	16,16	X,Y	12,12	19,20
	7,13	18,24.2	7,7	9,11	19,20	
Y3FY9M	GlobalFiler™					
		11,16	19,21	10,11	15	11,12
	4		10,12	10,14		12,14
		11	9,12		15,22	13
		27,31.2	16	X,Y	12	19,20
		18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

Y7CC7K	PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
Y7CHBL	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
Y7L4H3	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
YB6YRZ	Identifiler® Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
YCTRV6	Qiagen 24-plex QS					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	[9],12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
YD8YJ8	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
YDFFVJ	Identifiler®, PowerPlex® Fusion					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 4 - STR Results

YFTUWY	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
YG4PHQ	GlobalFiler™					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
YGGB3Z	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
YGXN74	PowerPlex® fusion					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
YJPH8E	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
YM7W3Z	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
YNJL8X	Identifiler® Plus, PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 4 - STR Results

YPRM6Q	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
YQKPLD	Identifiler®					
		19,21		15		11,22
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
YT97TZ	PowerPlex® Fusion 5C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13		7	9,11	19,20	
YTW7CY	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
YU8DBK	Identifiler® Plus, PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
YX268W	PowerPlex® FUSION 5C, MiniFiler					
	11,16	19,21	10,11	15	NA	11,12
4	NA	10,12	10,14	NA	12,14	19,20
	11	9,12	NA	15,22	13	NA
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	NA	7	9,11	19,20	
YYDZVA	PowerPlex® Fusion					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13		7,7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 4 - STR Results

YYKXFL	Identifiler® Plus	19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
Z2LCNW	GlobalFiler™	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
Z44GZM	GlobalFiler™	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
Z6Z8VT	Identifiler® Plus, GlobalFiler™	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
Z7EH3Y	PowerPlex® Fusion	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	10,11
	7,13		7,7	9,11	19,20	
Z9DULR	Identifiler® Plus	19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
Z9WQXR	PowerPlex® ESI	19,21	10,11	15,15		
4			10,14		12,14	19,20
		9,12		15,22	13,13	
	27,31.2	16,16	X,Y		19,20	
		18,24.2	7,7		19,20	



TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

## Item 4 - STR Results

ZA4HMN	Identifiler® Plus		19,21		15		11,12	
		4		10,12	10,14			
			11	9,12		15,22	13	
			27,31.2		X,Y	12	19,20	
					7	9,11	19,20	
ZAEQ6N	Identifiler® Plus		19,21		15		11,12	
		4		10,12	10,14			
			11	9,12		15,22	13	
			27,31.2		X,Y	12	19,20	
					7	9,11	19,20	
ZBC23C	PowerPlex® Fusion 6C		11,16	19,21	10,11	15		11,12
		4		10,12	10,14		12,14	19,20
			11	9,12		15,22	13	
			27,31.2	16	X,Y	12	19,20	10,11
			7,13	18,24.2	7	9,11	19,20	
ZEPVQV	PowerPlex® Fusion 6C		11,16	19,21	10,11	15,15		11,12
		4		10,12	10,14		12,14	19,20
			11,11	9,12		15,22	13,13	
			27,31.2	16,16	X,Y	12,12	19,20	10,11
			7,13	18,24.2	7,7	9,11	19,20	
ZFZA3Q	GlobalFiler™ PCR Amplification Kit		11,16	19,21	10,11	15,15		11,12
		4		10,12	10,14		12,14	19,20
			11,11	9,12		15,22	13,13	
			27,31.2	16,16	X,Y	12,12	19,20	
				18,24.2	7,7	9,11	19,20	
ZGCD6A	PowerPlex® Fusion 6C		11,16	19,21	10,11	15		11,12
		4		10,12	10,14		12,14	19,20
			11	9,12		15,22	13	
			27,31.2	16	X,Y	12	19,20	10,11
			7,13	18,24.2	7	9,11	19,20	
ZMYCAP	Identifiler®		19,21		15		11,12	
		4		10,12	10,14			
			11	9,12		15,22	13	
			27,31.2		X,Y	12	19,20	
					7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
Item	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 4 - STR Results

ZPMMHV	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
ZPR87X	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
ZTLP7Q	GlobalFiler™ PCR Amplification Kit					
	11,16	19,21	10,11	15,15		11,12
4		10,12	10,14		12,14	19,20
	11,11	9,12		15,22	13,13	
	27,31.2	16,16	X,Y	12,12	19,20	
		18,24.2	7,7	9,11	19,20	
ZV8UU9	Identifiler®					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	
ZVHC8F	Identifiler® Plus					
	-	19,21	-	15,15	-	11,12
4		10,12	10,14	-	-	-
	11,11	9,12	-	15,22	13,13	-
	27,31.2	-	X,Y	12,12	19,20	-
	-	-	7,7	9,11	19,20	
ZVJ3KP	GlobalFiler™					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	
		18,24.2	7	9,11	19,20	
ZVYNR7	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	

Item 4 - STR Results

ZW4PL7	Identifiler® ID Plus					
		19,21		15,15		11,12
4		10,12	10,14			
	11,11	9,12		15,22	13,13	
	27,31.2		X,Y	12,12	19,20	
			7,7	9,11	19,20	
ZWEQWT	PowerPlex® Fusion 6C					
	11,16	19,21	10,11	15		11,12
4		10,12	10,14		12,14	19,20
	11	9,12		15,22	13	
	27,31.2	16	X,Y	12	19,20	10,11
	7,13	18,24.2	7	9,11	19,20	
ZX6WBX	Identifiler® Plus					
		19,21		15		11,12
4		10,12	10,14			
	11	9,12		15,22	13	
	27,31.2		X,Y	12	19,20	
			7	9,11	19,20	

# YSTR Amplification Kit(s) & Results

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

## Item 1 - YSTR Results

22VQAJ	PowerPlex® Fusion Fusion 6C									
1	9									
	18 17									
24E3NE	Yfiler®, PowerPlex® Fusion									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
	21 11									
27C2BT	Yfiler®, PowerPlex® Fusion 6C									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
	18 17 21 11									
2AU4RY	GlobalFiler™ Express									
1	9									
	2									
2B4E3A	PowerPlex® Fusion 6C									
1	9									
	18 17									
2BMC79	Yfiler® Plus, GlobalFiler™									
1	35,38	17	11,12	14	29	24	9	11	13	15
	10	12	21	29	14	17	10	23		34
		12		18	17		20	21		11 2
2C3F92	PowerPlex® Fusion Fusion 6C									
1	9									
	18 17									
2GBWAP	PowerPlex® Y 23									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23		
		12	9	18	17			21	12	11
2KCPU9	PowerPlex® Fusion 6C									
1	9									
	18 17									
2MBELF	Yfiler®, GlobalFiler™									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
	21 11 2									
2QFTK8	PowerPlex® Fusion 6C									
1	9									
	18 17									

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 1 - YSTR Results

2QGL69	Yfiler®									
1	-	17	11,12	14	29	24	9	11	13	15
	10	12	21	-	14	17	-	-	-	-
	-	-	-	-	-	-	-	21	-	11
2RAKFZ	PowerPlex® Y 23									
1		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17		23		
		12	9	18	17			21	12	11
2VQX7F	PowerPlex® Fusion									
1							9			
2WPKUE	Yfiler®									
1		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17				
								21		11
										2
2XG84M	Yfiler®									
1		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17				
								21		11
2YZPR3	Yfiler®, GlobalFiler™									
1		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17				
								21		11
										2
2ZYBXL	GlobalFiler™									
1							9			
										2
32XUHT	PowerPlex® Fusion 6C									
1							9			
				18	17					
34EM7V	PowerPlex® Y 23 System									
1		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17		23		
		12	9	18	17			21	12	11
										2
34FKGQ	Yfiler®									
1		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17				
								21		11
34GWEZ	PowerPlex® Fusion 6C									
1							9			
				18	17					

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 1 - YSTR Results

34PNLN	PowerPlex® Y PPY23									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17	23				
	12	9	18	17		21	12	11		
372YUK	Yfiler®, GlobalFiler™									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
							21		11	2
37KKNV	PowerPlex® Y 23, GlobalFiler™, PowerPlex® Fusion 6C									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17	23				
	12	9	18	17		21	12	11	2	
39VHDY	GlobalFiler™									
1						9				
										2
39Y6TR	Yfiler® Plus									
1	35,38	17	11,12	14	29	24	9	11	13	15
	10	12	21	29	14	17	10	23	34	
	12		18	17		20	21		11	
3B4L2V	Yfiler®									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
							21		11	
3DAZQA	PowerPlex® Y 23, PowerPlex® Fusion 6C									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17	23				
	12	9	18	17		21	12	11		
3EJZHA	PowerPlex® Y 23									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17	23				
	12	9	18	17		21	12	11		
3G6J9T	PowerPlex® Y 23									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17	23				
	12	9	18	17		21	12	11		
3H29UF	Yfiler®									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
							21		11	
3HC264	Yfiler®, PowerPlex® Fusion									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
							21		11	

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 1 - YSTR Results

3HFWG	PowerPlex® Fusion Fusion 6C									
1	9									
	18 17									
3J28B4	Investigator® 24plex									
1	9									
3QQ7D9	Yfiler® Plus, GlobalFiler™									
1	35,38	17	11,12	14	29	24	9	11	13	15
	10	12	21	29	14	17	10	23	34	
		12		18	17		20	21	11	2
3QTMKF	Yfiler®, PowerPlex® Fusion									
1		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17				
								21	11	
3R6KUQ	Yfiler®, PowerPlex® Fusion 5C									
1	NA	17	11,12	14	29	24	9	11	13	15
	10	12	21	NA	14	17	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	21	NA	11 NA
3RLRZ9	PowerPlex® Y Y23									
1		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17		23		
		12	9	18	17			21	12	11
3TZZ7M	Yfiler®									
1	N/A	17	11,12	14	29	24	9	11	13	15
	10	12	21	N/A	14	17	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	21	N/A	11 N/A
3VLZ74	Yfiler®									
1		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17				
								21	11	
3WLME3										
1	9									
	2									
3XU2JM	GlobalFiler™									
1	9									
	2									
3YUUL2	PowerPlex® Fusion Fusion6C									
1	9									
	18 17									

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 1 - YSTR Results

3YVRWX	GlobalFiler™										
1										9	
											2
3Z3E2P	PowerPlex® Fusion 5C										
1										9	
											2
44FEZ2	GlobalFiler™										
1										9	
											2
44WJ6T	PowerPlex® Y Y23										
1	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17	23					
	12	9	18	17		21	12	11			
467Q8L	GlobalFiler™										
1										9	
											2
46TXU8	Yfiler® Plus, GlobalFiler™										
1	35,38	17	11,12	14	29	24	9	11	13	15	
	10	12	21	29	14	17	10	23	34		
	12		18	17		20	21		11	2	
49L7RL	Yfiler®										
1	n/a	17	11,12	14	29	24	9	11	13	15	
	10	12	21	n/a	14	17	n/a	n/a	n/a	n/a	
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	21	n/a	11	n/a
4AMX6L	PowerPlex® Y 23										
1	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17	23					
	12	9	18	17		21	12	11			
4K79KE	Yfiler®, GlobalFiler™										
1	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17						
						21		11	2		
4LZA8H	Yfiler®, GlobalFiler™ Express										
1	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17						
						21		11			
4MPKYB	GlobalFiler™										
1										9	
											2



TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 1 - YSTR Results

4RFCBT	GlobalFiler™										
1	NA	NA	NA	NA	NA	NA	9	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2
4V9EMU	Yfiler®										
1		17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17					
								21		11	
4WATHX	PowerPlex® Fusion 6C										
1							9				
				18	17						
4WX7C6	PowerPlex® Y 23, PowerPlex® Fusion 6C										
1		17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23			
		12	9	18	17			21	12	11	
4YM6WV	GlobalFiler™										
1							9				
											2
63VX3L	GlobalFiler™										
1							9				
											2
67EH33	Yfiler®										
1		17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17					
								21		11	
67GQ6F	GlobalFiler™										
1							9				
											2
694FEL	GlobalFiler™										
1							9				
											2
69LHWU	PowerPlex® Y Y23, PowerPlex® Fusion 5C										
1		17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23			
		12	9	18	17			21	12	11	
6AW8DK	Yfiler®										
1	N/A	17	11,12	14	29	24	9	11	13	15	
	10	12	21	N/A	14	17	N/A	N/A	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	21	N/A	11	N/A

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 1 - YSTR Results

6C4MKQ	PowerPlex® Y 23, GlobalFiler™, PowerPlex® Fusion 6C									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17	23				
	12	9	18	17		21	12	11	2	
6HTBAU	GlobalFiler™									
1										9
										2
6J48ML	Yfiler®									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
							21	11		
6J6CFW	GlobalFiler™									
1										9
										2
6KHBN	Yfiler®									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
							21	11		
6L8XT2	GlobalFiler™									
1										9
										2
6NMWTH	Yfiler® Plus									
1	35,38	17	11,12	14	29	24	9	11	13	15
	10	12	21	29	14	17	10	23	34	
	12		18	17		20	21		11	
6PEYBR	Yfiler®									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
							21	11		
6PTFFT	PowerPlex® Y 23									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17	23				
	12	9	18	17		21	12	11		
6U2FJQ	Yfiler®, PowerPlex® Y 23									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17	23				
	12	9	18	17		21	12	11		
6UBGVY										
1										9
										2

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 1 - YSTR Results

6X93M2	PowerPlex® Fusion 6C Direct										
1	9										
	18 17										
6YJ3JV	GlobalFiler™ Express										
1	9										
	2										
6YXFYR	Yfiler®, GlobalFiler™										
1	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17						
	21 11 2										
6ZB9VF	Yfiler®, PowerPlex® Fusion 6C										
1	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17						
	18 17 21 11										
747G4U	PowerPlex® Fusion										
1	9										
778KVG	PowerPlex® Fusion										
1	9										
7BBXDG	Yfiler®										
1	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17						
	21 11										
7DPV6C	Yfiler®										
1	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17						
	21 11										
7EQLFZ	GlobalFiler™										
1	9										
	2										
7EU6JV	PowerPlex® Fusion Fusion 6C Direct										
1	9										
	18 17										
7KT7RR	GlobalFiler™										
1	N/A	N/A	N/A	N/A	N/A	N/A	9	N/A	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 1 - YSTR Results

7M2XG6	Yfiler® Plus, GlobalFiler™										
1	35,38	17	11,12	14	29	24	9	11	13	15	
	10	12	21	29	14	17	10	23		34	
		12		18	17		20	21		11	2
7MJRD9	Yfiler® Plus, GlobalFiler™										
1	35,38	17	11,12	14	29	24	9	11	13	15	
	10	12	21	29	14	17	10	23		34	
		12		18	17		20	21		11	2
7MMFTQ	GlobalFiler™ Express										
1							9				
											2
7NF63L	PowerPlex® Y 23										
1		17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23			
		12	9	18	17			21	12	11	
7PDL8W	PowerPlex® Y 23, GlobalFiler™										
1		17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23			
		12	9	18	17			21	12	11	2
7RFGXL	Yfiler®, GlobalFiler™										
1	NT	17	11,12	14	29	24	9	11	13	15	
	10	12	21	NT	14	17	NT	NT	NT	NT	
	NT	NT	NT	NT	NT	NT	NT	21	NT	11	2
7RRD4Q	PowerPlex® Y Y23										
1		17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23			
		12	9	18	17			21	12	11	
7TNQT4	Yfiler® Plus, GlobalFiler™										
1	35,38	17	11,12	14	29	24	9	11	13	15	
	10	12	21	29	14	17	10	23		34	
		12		18	17		20	21		11	2
7UL2LL	GlobalFiler™										
1							9				
											2
7UZCCD	PowerPlex® Fusion 6C										
1							9				
				18	17						
7X63WZ	GlobalFiler™ Express										
1							9				
											2

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 1 - YSTR Results

7ZRJ8T	PowerPlex® Y 23									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17	23				
	12	9	18	17		21	12	11		
82G9UT	Yfiler®									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
						21		11		
86KVTH	Yfiler®									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
						21		11		
86WTPL	GlobalFiler™									
1						9				
										2
879LNU	Yfiler® Plus, GlobalFiler™ Express									
1	35,38	17	11,12	14	29	24	9	11	13	15
	10	12	21	29	14	17	10	23	34	
		12		18	17		20	21	11	2
87QJVZ	GlobalFiler™									
1						9				
										2
89XWG9	PowerPlex® Y 23, PowerPlex® Fusion 5C									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17	23				
	12	9	18	17		21	12	11		
8BZUPF	PowerPlex® Fusion 5C									
1						9				
										2
8GNNGL	PowerPlex® Y 23, PowerPlex® Fusion 6C									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17	23				
	12	9	18	17		21	12	11		
8H2QE2	GlobalFiler™									
1						9				
										2
8JXPME	GlobalFiler™									
1						9				
										2

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 1 - YSTR Results

8M2BNX	PowerPlex® Y 23									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17	23				
	12	9	18	17		21	12	11		
8M4Y8W	PowerPlex® Y 23, GlobalFiler™									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17	23				
	12	9	18	17		21	12	11	2	
8NU6JG	GlobalFiler™									
1						9				
										2
8RCDLM	GlobalFiler™									
1						9				
										2
8RPR6P	PowerPlex® Y 23, GlobalFiler™, PowerPlex® Fusion 6C									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17	23				
	12	9	18	17		21	12	11	2	
8T64R2	PowerPlex® Y 23, PowerPlex® Fusion									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17	23				
	12	9	18	17		21	12	11		
8TJQ4N	PowerPlex® Fusion 6C									
1						9				
			18	17						
8TNWZQ	Yfiler® PLUS									
1	35,38	17	11,12	14	29	24	9	11	13	15
	10	12	21	29	14	17	10	23	34	
	12		18	17		20	21		11	
8W3QJ4	PowerPlex® Y Y23									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17	23				
	12	9	18	17		21	12	11		
8WNC2L	GlobalFiler™									
1						9				
										2
8WUF3R	GlobalFiler™									
1						9				
										2

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 1 - YSTR Results

8YAFTM	Yfiler®, PowerPlex® Fusion									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
								21		11
8ZLQQW	PowerPlex® Y 23									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23		
		12	9	18	17			21	12	11
93TJ8G	PowerPlex® Y 23									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23		
		12	9	18	17			21	12	11
96FZKV	PowerPlex® Fusion 6C									
1						9				
			18	17						
98ZYNR	GlobalFiler™ Express									
1						9				
										2
9A4TBB	Yfiler®									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
								21		11
9A93KP	Yfiler® Plus, PowerPlex® Fusion 6C									
1	35,38	17	11,12	14	29	24	9	11	13	15
	10	12	21	29	14	17	10	23		34
		12		18	17		20	21		11
9BZ4L7	GlobalFiler™									
1						9				
										2
9D6RNP	PowerPlex® Y 23, GlobalFiler™									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23		
		12	9	18	17			21	12	11
										2
9DQ8GY	GlobalFiler™ Express									
1						9				
										2
9H36TR	GlobalFiler™ Express									
1						9				
										2

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 1 - YSTR Results

9H48C6	GlobalFiler™										
1											9
											2
9K2NBR	PowerPlex® Y 23, GlobalFiler™										
1	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17	23					
	12	9	18	17	21	12	11	2			
9MCD7P	PowerPlex® Fusion										
1											9
											18
											17
9P33CJ	PowerPlex® Y 23 System										
1	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17	23					
	12	9	18	17	21	12	11	2			
9ZK6PP	PowerPlex® Y 23										
1	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17	23					
	12	9	18	17	21	12	11				
A2UKLM	Yfiler®										
1	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17						
											21
											11
A37CGP	PowerPlex® Fusion 6C										
1	N/A	N/A	N/A	N/A	N/A	N/A	9	N/A	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	N/A	N/A	N/A	18	17	N/A	N/A	N/A	N/A	N/A	N/A
A6CX9W	PowerPlex® Fusion FUSION 6C										
1											9
											18
											17
A734M2	PowerPlex® Fusion 6C										
1											9
											18
											17
A8DUM6	PowerPlex® Fusion										
1											9
A9T8F9	PowerPlex® Fusion 6C										
1											9
											18
											17



TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 1 - YSTR Results

AAFBL	PowerPlex® Fusion 6C											
1											9	
											18	17
ABJ47N	Yfiler® Plus											
1	35,38	17	11,12	14	29	24	9	11	13	15		
	10	12	21	29	14	17	10	23		34		
		12		18	17		20	21		11		
ACPXFT	PowerPlex® Y 23											
1		17	11,12	14	29	24	9	11	13	15		
	10	12	21		14	17		23				
		12	9	18	17			21	12	11		
AFP43K	Yfiler®, PowerPlex® Fusion 5C											
1	NA	17	11,12	14	29	24	9	11	13	15		
	10	12	21	NA	14	17	NA	NA	NA	NA		
	NA	NA	NA	NA	NA	NA	NA	21	NA	11	NA	
AJWDCV	PowerPlex® Fusion 6C											
1											9	
											18	17
AK4RN4	PowerPlex® Y 23											
1		17	11,12	14	29	24	9	11	13	15		
	10	12	21		14	17		23				
		12	9	18	17			21	12	11		
AKMF7X	PowerPlex® Y 23											
1		17	11,12	14	29	24	9	11	13	15		
	10	12	21		14	17		23				
		12	9	18	17			21	12	11		
ANHBKQ	Yfiler®											
1		17	11,12	14	29	24	9	11	13	15		
	10	12	21		14	17						
								21		11		
APC4FA	Yfiler® Plus											
1	35,38	17	11,12	14	29	24	9	11	13	15		
	10	12	21	29	14	17	10	23		34		
		12		18	17		20	21		11		
AVLB4T	PowerPlex® Fusion 6C											
1											9	
											18	17
AWD8V9	Yfiler® Plus, GlobalFiler™											
1	35,38	17	11,12	14	29	24	9	11	13	15		
	10	12	21	29	14	17	10	23		34		
		12		18	17		20	21		11	2	

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 1 - YSTR Results

AXWWAM	PowerPlex® Fusion 6C											
1											9	
											18	17
AYKPRJ	GlobalFiler™											
1											9	
											2	
AZA38F	Yfiler®											
1	N/A	17	11,12	14	29	24	9	11	13	15		
	10	12	21	N/A	14	17	N/A	N/A	N/A	N/A		
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	21	N/A	11	N/A	
AZX7ZQ	Yfiler®											
1											9	
											2	
B2LWNF	Yfiler®, PowerPlex® Fusion 5C											
1	NA	17	11,12	14	29	24	9	11	13	15		
	10	12	21	NA	14	17	NA	NA	NA	NA		
	NA	NA	NA	NA	NA	NA	NA	21	NA	11	NA	
B3EZ39	GlobalFiler™											
1											9	
											2	
B8D8RD												
1											9	
											2	
B8UTN4	Yfiler®											
1		17	11,12	14	29	24	9	11	13	15		
	10	12	21		14	17						
								21		11	2	
BC78AE	Yfiler®											
1		17	11,12	14	29	24	9	11	13	15		
	10	12	21		14	17						
								21		11		
BGZF79	GlobalFiler™											
1											9	
											2	
BJ7KYW	GlobalFiler™											
1											9	
											2	

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 1 - YSTR Results

BNJCGB	Yfiler®										
	1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17					
								21		11	
BQZHBK	GlobalFiler™										
	1	N/A	N/A	N/A	N/A	N/A	N/A	9	N/A	N/A	N/A
		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2
BRLDFL	Yfiler®										
	1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17					
								21		11	
BRM3QB	Yfiler®, PowerPlex® Fusion 6C										
	1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17					
			18	17				21		11	
BU2ZH7	Yfiler®										
	1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17					
								21		11	
BUKV98	GlobalFiler™										
	1						9				
											2
BWT3F8	Yfiler®										
	1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17					
								21		11	
BX3488	Yfiler®, PowerPlex® Fusion										
	1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17					
								21		11	
BYT82E	GlobalFiler™										
	1						9				
											2
C24BLH	GlobalFiler™										
	1						9				
											2
C2XB9V	GlobalFiler™										
	1						9				
											2

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 1 - YSTR Results

C4CG6X	Yfiler®										
	1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17					
								21		11	
C8PBTH	Yfiler®, PowerPlex® Fusion 6C										
	1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17					
				18	17			21		11	
C93U4Z	Yfiler®										
	1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17					
								21		11	
CAVX7M	PowerPlex® Y Y23										
	1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23			
		12	9	18	17			21	12	11	
CB6UP6	Yfiler®, PowerPlex® Fusion										
	1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17					
								21		11	
CB9C6G	PowerPlex® Fusion 6C										
	1						9				
				18	17						
CBP24H	Yfiler®, PowerPlex® Fusion										
	1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17					
								21		11	
CC6WRG	Yfiler®, GlobalFiler™										
	1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17					
								21	11	2	
CCD3UJ	Yfiler®, PowerPlex® Y 23, GlobalFiler™, PowerPlex® Fusion 6C										
	1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23			
		12	9	18	17			21	12	11	2
CEVTHV	PowerPlex® Fusion 6C										
	1						9				
				18	17						
CGZJMQ	GlobalFiler™ Express										
	1						9				
										2	

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 1 - YSTR Results

CMJP66	Yfiler®, PowerPlex® Fusion 5C									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
							21			11
CPBPG9	Yfiler®									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
							21			11
CVALRR	Yfiler®, PowerPlex® Fusion 6C									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
			18	17			21			11
CVTGAT	PowerPlex® Y 23, PowerPlex® Fusion									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17		23			
	12	9	18	17			21	12	11	
CW8YDY	PowerPlex® Y Y23									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17		23			
	12	9	18	17			21	12	11	
CX2ET3	PowerPlex® Y 23									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17		23			
	12	9	18	17			21	12	11	
D4NK9N	GlobalFiler™ Express									
1						2				
										9
D93D8U	PowerPlex® Fusion 6C									
1						9				
			18	17						
DBL9T9	Yfiler®									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
							21			11
DCCHT3	Yfiler®									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
							21		11	2
DG8EDM	GlobalFiler™									
1						9				
										2

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 1 - YSTR Results

DJDY2M											
1										9	
2											
DQRPH8	Yfiler®, GlobalFiler™										
1	17	11,12	14	29	24	9	11	13	15		
10 12 21 14 17											
								21	11	2	
DR9WTV	Yfiler® plus, GlobalFiler™										
1	35,38	17	11,12	14	29	24	9	11	13	15	
10 12 21 29 14 17 10 23 34											
			12	18	17	20	21	11	2		
DX4BBD	Yfiler® Plus, GlobalFiler™										
1	35,38	17	11,12	14	29	24	9	11	13	15	
10 12 21 29 14 17 10 23 34											
			12	18	17	20	21	11	2		
DYLZQH	GlobalFiler™, PowerPlex® Fusion 6C										
1										9	
				18	17					2	
DZNAEA	Yfiler®, GlobalFiler™ Express										
1	17	11,12	14	29	24	9	11	13	15		
10 12 21 14 17											
								21	11		
E2QM4L	Yfiler®										
1	17	11,12	14	29	24	9	11	13	15		
10 12 21 14 17											
								21	11		
E2RHPD	Yfiler®										
1	17	11,12	14	29	24	9	11	13	15		
10 12 21 14 17											
								21	11		
E2WYJZ	PowerPlex® Fusion 6C										
1										9	
				18	17						
E6RFQD	PowerPlex® Y 23 System										
1	17	11,12	14	29	24	9	11	13	15		
10 12 21 14 17 23											
		12	9	18	17			21	12	11	2
EA7DYE	PowerPlex® Fusion 6C, Investigator® 24plex										
1										9	
				18	17						

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 1 - YSTR Results

EAMLM9										
1										9
2										
ECFFPJ	PowerPlex® Y Y23									
1	17	11,12	14	29	24	9	11	13	15	
10 12 21 14 17 23										
	12	9	18	17			21	12	11	
EGQHM9	Yfiler®, GlobalFiler™									
1	17	11,12	14	29	24	9	11	13	15	
10 12 21 14 17										
							21		11	2
EGTDZC	PowerPlex® Y 23, PowerPlex® Fusion 6C									
1	17	11,12	14	29	24	9	11	13	15	
10 12 21 14 17 23										
	12	9	18	17			21	12	11	
ELLF3Q	GlobalFiler™ Express									
1										9
2										
EN83LE	Yfiler®									
1	17	11,12	14	29	24	9	11	13	15	
10 12 21 14 17										
							21		11	
ENAUNF	Yfiler®									
1	17	11,12	14	29	24	9	11	13	15	
10 12 21 14 17										
							21		11	
EPG4QK	Yfiler®									
1	17	11,12	14	29	24	9	11	13	15	
10 12 21 14 17										
							21		11	
EPVMD4	Yfiler®									
1	17	11,12	14	29	24	9	11	13	15	
10 12 21 14 17										
							21		11	2
ERKYAN	PowerPlex® Fusion 6C									
1										9
			18	17						
ETDVC4	Yfiler®									
1	17	11,12	14	29	24	9	11	13	15	
10 12 21 14 17										
							21		11	

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 1 - YSTR Results

EUT7E3	Yfiler®, GlobalFiler™									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
								21	11	2
F262ZH	PowerPlex® Y 23 System									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23		
		12	9	18	17			21	12	11
										2
F2RT6G	PowerPlex® Fusion 6C									
1						9				
				18	17					
F794CJ	GlobalFiler™									
1						9				
										2
F7BRVH	PowerPlex® Fusion									
1						9				
				18	17					
F8CPDJ	Yfiler® Plus									
1	35,38	17	11,12	14	29	24	9	11	13	15
	10	12	21	29	14	17	10	23		34
		12		18	17		20	21		11
										2
F9KABC	Yfiler®, PowerPlex® Fusion 5C									
1	NA	17	11,12	14	29	24	9	11	13	15
	10	12	21	NA	14	17	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	21	NA	11
										NA
FGHVM7	GlobalFiler™									
1						9				
										2
FKGF4B	Yfiler®									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
								21	11	
FMUKL8	Yfiler® Plus, GlobalFiler™									
1	35,38	17	11,12	14	29	24	9	11	13	15
	10	12	21	29	14	17	10	23		34
		12		18	17		20	21		11
										2
FMVM2D	Yfiler®, GlobalFiler™									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
								21	11	2



TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 1 - YSTR Results

FNLTEH	GlobalFiler™										
1	[REDACTED]									2	
FV2XBJ	PowerPlex® Y 23 System										
1	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17	23	[REDACTED]				
	12	9	18	17	21	12	11	2			
FWZRVF	PowerPlex® Fusion 6C										
1	[REDACTED]									2	
	18	17									
FXEYGW	PowerPlex® Fusion 6C										
1	[REDACTED]									2	
	18	17									
G2HK7D	Yfiler®, PowerPlex® Fusion 5C										
1	NA	17	11,12	14	29	24	9	11	13	15	
	10	12	21	NA	14	17	NA	NA	NA	NA	
	NA	NA	NA	NA	NA	NA	NA	21	NA	11	NA
G3VYW8	Yfiler®, GlobalFiler™										
1	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17	[REDACTED]					
	21	11	2								
G48P4Q	GlobalFiler™										
1	[REDACTED]									2	
G76YBF	PowerPlex® Fusion 6C										
1	[REDACTED]									2	
	18	17									
G8WV4F	GlobalFiler™										
1	[REDACTED]									2	
GA3KXC	Yfiler®, GlobalFiler™										
1	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17	[REDACTED]					
	21	11	2								
GBPDLY	PowerPlex® Fusion										
1	[REDACTED]									2	

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 1 - YSTR Results

GBRZ6Y	PowerPlex® Y 23									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17		23			
	12	9	18	17			21	12	11	
GBTQCG	GlobalFiler™									
1	9									
	2									
GD4JGG										
1	9									
	2									
GF4VXP	Yfiler®									
1	-	17	11,12	14	29	24	9	11	13	15
	10	12	21	-	14	17	-	-	-	-
	-	-	-	-	-	-	-	21	-	11
GG28TH	PowerPlex® Fusion									
1	9									
	2									
GHDMLX	Yfiler®, PowerPlex® Fusion 6C									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	18	17		21		11	
GJ6UGU	Yfiler® Plus, GlobalFiler™									
1	35,38	17	11,12	14	29	24	9	11	13	15
	10	12	21	29	14	17	10	23		34
		12		18	17		20	21	11	2
GKFP68										
1	9									
	2									
GKXX9	GlobalFiler™									
1	9									
	2									
GLXYM	PowerPlex® Fusion 6C									
1	9									
	18 17									
GM3DG8	PowerPlex® Y 23									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17		23			
	12	9	18	17			21	12	11	

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 1 - YSTR Results

GMDVUE	PowerPlex® Fusion 6C										
1	[REDACTED]										9
	[REDACTED]										18 17
GREZVR	Yfiler®										
1	N/T	17	11,12	14	29	24	9	11	13	15	
	10	12	21	N/T	14	17	N/T	N/T	N/T	N/T	
	N/T	N/T	N/T	N/T	N/T	N/T	N/T	21	N/T	11	N/T
GV4K79	GlobalFiler™										
1	[REDACTED]										9
	[REDACTED]										2
GWDJLB	PowerPlex® Fusion 6C										
1	[REDACTED]										9
	[REDACTED]										18 17
GWRBWE	PowerPlex® Fusion 5C, 6C										
1	[REDACTED]										9
	[REDACTED]										18 17
GX6A8B	Yfiler®										
1		17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17					
								21		11	
GYZ8XB											
1	[REDACTED]										9
	[REDACTED]										
GZ9JED	GlobalFiler™										
1	[REDACTED]										9
	[REDACTED]										2
H3A3JY	Yfiler®, PowerPlex® Fusion										
1		17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17					
								21		11	
H47CZV	Yfiler® Plus										
1	35,38	17	11,12	14	29	24	9	11	13	15	
	10	12	21	29	14	17	10	23		34	
		12		18	17		20	21		11	2
H9JRCM	GlobalFiler™										
1	[REDACTED]										9
	[REDACTED]										2

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 1 - YSTR Results

HDYDPL	PowerPlex® Y 23, PowerPlex® Fusion 5C										
1	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17	23					
	12	9	18	17		21	12	11			
HFLAT6	PowerPlex® Fusion										
1	9										
HGE4UF	PowerPlex® Y 23										
1	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17	23					
	12	9	18	17		21	12	11			
HHTKTF	GlobalFiler™										
1	9										
	2										
HHUH4B	PowerPlex® Fusion 6C										
1	9										
	18 17										
HL9ZFZ	Yfiler®										
1	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17						
						21			11		
HLN7T6	GlobalFiler™										
1	9										
	2										
HNEK32	Yfiler®										
1	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17						
						21			11		
HPURMW	Yfiler®										
1	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17						
						21			11		
HYTDLG	Yfiler® Plus, GlobalFiler™										
1	35,38	17	11,12	14	29	24	9	11	13	15	
	10	12	21	29	14	17	10	23	-	34	
	-	12	-	18	17	-	20	21	-	11	2
J23ZRL	PowerPlex® Fusion 6C										
1	9										
	18 17										

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 1 - YSTR Results

J6KXM4	Yfiler® Plus, GlobalFiler™									
1	35,38	17	11,12	14	29	24	9	11	13	15
	10	12	21	29	14	17	10	23		34
		12		18	17		20	21		11
										2
J6LWGC	PowerPlex® Fusion 6C									
1							9			
				18	17					
J8ZQZP	PowerPlex® Fusion 5C									
1							9			
JABET3	PowerPlex® Fusion 6C									
1							9			
				18	17					
JB8RHF	GlobalFiler™									
1							9			
										2
JH4P3X	Yfiler®									
1		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17				
								21		11
JJWXU	Yfiler® plus, GlobalFiler™									
1	35,38	17	11,12	14	29	24	9	11	13	15
	10	12	21	29	14	17	10	23		34
		12		18	17		20	21		11
										2
JKFG27	PowerPlex® Y 23									
1		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17		23		
		12	9	18	17			21	12	11
JLLTQU	Yfiler®									
1		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17				
								21		11
JNCVWH	GlobalFiler™ Express									
1							9			
										2
JNREGF										
1							9			
				18	17					

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 1 - YSTR Results

JPHTFP	Yfiler®										
	1	-	17	11,12	14	29	24	9	11	13	15
		10	12	21	-	14	17	-	-	-	-
	-	-	-	-	-	-	-	21	-	11	-
JPNMVQ	Yfiler®										
	1		17	11,12	14	29	24	9	11	13	15
		10	12	21		14	17				
								21		11	
JRAXKD	Yfiler® Plus										
	1	35,38	17	11,12	14	29	24	9	11	13	15
		10	12	21	29	14	17	10	23		34
		12		18	17		20	21		11	
JRPTV6	Yfiler®										
	1		17	11,12	14	29	24	9	11	13	15
		10	12	21		14	17				
								21		11	
JT2TRY	Yfiler®										
	1		17	11,12	14	29	24	9	11	13	15
		10	12	21		14	17				
								21		11	
JT832C	PowerPlex® Fusion 6C										
	1							9			
					18	17					
JTMEC3	Yfiler®, GlobalFiler™										
	1		17	11,12	14	29	24	9	11	13	15
		10	12	21		14	17				
								21		11	2
JUHNTY	Yfiler®										
	1		17	11,12	14	29	24	9	11	13	15
		10	12	21		14	17				
								21		11	
JVCLWY	GlobalFiler™										
	1							9			
											2
JW4L3B	PowerPlex® Fusion 6C										
	1							9			
					18	17					
K4GYGZ	Yfiler®, PowerPlex® Fusion 6C (Direct and Regular)										
	1		17	11,12	14	29	24	9	11	13	15
		10	12	21		14	17				
				18	17			21		11	

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 1 - YSTR Results

K6EC28											
1										9	
[Redacted]											
K7CBM2	Yfiler® Plus, GlobalFiler™										
1	35,38	17	11,12	14	29	24	9	11	13	15	
	10	12	21	29	14	17	10	23	34		
	12		18		17		20	21	11 2		
K8ZZHE	PowerPlex® Fusion 6C										
1										9	
[Redacted]											
			18		17						
K9BXTB	Yfiler®										
1	17		11,12		14		29		24		
	10		12		21		14		17		
								21		11	
K9HVB2	GlobalFiler™										
1										9	
[Redacted]											
											2
KANGP2											
1										9	
[Redacted]											
											2
KBEM2K	GlobalFiler™										
1										9	
[Redacted]											
											2
KJRMNA	GlobalFiler™										
1										9	
[Redacted]											
											2
KKTDXX	PowerPlex® Fusion 6C										
1										9	
[Redacted]											
			18		17						
KKZTW4	PowerPlex® Y 23, PowerPlex® Fusion										
1	17		11,12		14		29		24		
	10		12		21		14		17		
	12		9		18		17		21		
			12		9		18		17		
								21		12 11	
KMNUQD	PowerPlex® Y 23 System										
1	17		11,12		14		29		24		
	10		12		21		14		17		
	12		9		18		17		21		
								21		12 11 2	





TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 1 - YSTR Results

LB2AE2	Yfiler®									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
								21		11
LBWQGX	GlobalFiler™									
1						9				
										2
LC8T4W	GlobalFiler™									
1						9				
										2
LCC44A	Yfiler®									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
								21		11
LD2JAB	PowerPlex® Y 23									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23		
		12	9	18	17			21	12	11
LFBF9M	PowerPlex® Fusion 6C									
1						9				
				18	17					
LFTL6R	Yfiler®									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
								21		11
LGJRJW	Yfiler®									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
								21		11
LGPUJ3	Yfiler®									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
								21		11
LK22L3	Yfiler®, GlobalFiler™									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
								21		11
										2
LMR7DE	Yfiler® Plus, GlobalFiler™ Express									
1	35,38	17	11,12	14	29	24	9	11	13	15
	10	12	21	29	14	17	10	23		34
		12		18	17		20	21		11
										2

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 1 - YSTR Results

LPB9YZ	Yfiler®										
1	17	11,12	14	29	24	9	11	13	15		
	10	12	21		14	17					
								21		11	2
LPUUED	Yfiler®										
1	17	11,12	14	29	24	9	11	13	15		
	10	12	21		14	17					
								21		11	
LR2Z3D	Yfiler®										
1	17	11,12	14	29	24	9	11	13	15		
	10	12	21		14	17					
								21		11	
LR6QHE	PowerPlex® Fusion 6C										
1	NA	NA	NA	NA	NA	NA	9	NA	NA	NA	
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	NA	NA	NA	18	17	NA	NA	NA	NA	NA	NA
LR9FKQ	Yfiler®										
1	17	11,12	14	29	24	9	11	13	15		
	10	12	21		14	17					
								21		11	
LT32EH	GlobalFiler™ Express										
1							9				
											2
LX9VW7	Yfiler®										
1	17	11,12	14	29	24	9	11	13	15		
	10	12	21		14	17					
								21		11	
LXC9PU	GlobalFiler™										
1							9				
											2
M28236	PowerPlex® Y 23 System										
1	17	11,12	14	29	24	9	11	13	15		
	10	12	21		14	17		23			
		12	9	18	17			21	12	11	2
M2J7LF	PowerPlex® Y 23										
1	17	11,12	14	29	24	9	11	13	15		
	10	12	21		14	17		23			
		12	9	18	17			21	12	11	
M3V6HA	PowerPlex® Y 23, PowerPlex® Fusion 6C & 5C										
1	17	11,12	14	29	24	9	11	13	15		
	10	12	21		14	17		23			
		12	9	18	17			21	12	11	

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 1 - YSTR Results

M77RQA	Yfiler®										
1		17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17					
								21		11	
M7W98B	Yfiler® Plus, GlobalFiler™										
1	35,38	17	11,12	14	29	24	9	11	13	15	
	10	12	21	29	14	17	10	23	-	34	
	-	12	-	18	17	-	20	21	-	11	2
M8BQBG	PowerPlex® Fusion Fusion 6C										
1							9				
				18	17						
M92WPL	Yfiler®										
1	-	17	11,12	14	29	24	9	11	13	15	
	10	12	21	-	14	17	-	-	-	-	
	-	-	-	-	-	-	-	21	-	11	-
MNCKXF	PowerPlex® Y 23										
1		17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23			
		12	9	18	17			21	12	11	
MNYQT2	Yfiler®										
1		17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17					
								21		11	
MPQXNY	GlobalFiler™										
1							9				
											2
MPZJVF											
1							9				
MQ8Y48	Yfiler® Plus										
1	35,38	17	11,12	14	29	24	9	11	13	15	
	10	12	21	29	14	17	10	23		34	
		12		18	17		20	21		11	
MR2V42	GlobalFiler™ Express										
1							9				
											2
MTBH3F	Yfiler® Plus, GlobalFiler™ Express										
1	35,38	17	11,12	14	29	24	9	11	13	15	
	10	12	21	29	14	17	10	23		34	
		12		18	17		20	21		11	2

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 1 - YSTR Results

N4AQ84	PowerPlex® Fusion 6C											
1											9	
											18	17
N6Y9TW	GlobalFiler™											
1											9	
											2	
N7EEK9	PowerPlex® Fusion 6C											
1											9	
											18	17
N8M3X8	GlobalFiler™											
1	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	9	Not Tested	Not Tested	Not Tested	
	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	
	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	2	
N9H7LT	Yfiler®, GlobalFiler™											
1		17	11,12	14	29	24	9	11	13	15		
	10	12	21		14	17						
								21		11	2	
NBN7M9	GlobalFiler™											
1	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	9	Not Tested	Not Tested	Not Tested		
	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested		
	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	2	
NBQAF6	Yfiler®, GlobalFiler™											
1		17	11,12	14	29	24	9	11	13	15		
	10	12	21		14	17						
								21		11	2	
NDRLPQ	Yfiler® Plus											
1	35,38	17	11,12	14	29	24	9	11	13	15		
	10	12	21	29	14	17	10	23		34		
		12		18	17		20	21		11	2	
NDZGKJ	Yfiler®											
1		17	11,12	14	29	24	9	11	13	15		
	10	12	21		14	17						
								21		11		
NJJ9PK	Yfiler®, GlobalFiler™											
1		17	11,12	14	29	24	9	11	13	15		
	10	12	21		14	17						
								21		11	2	
NL6KCA	PowerPlex® Y 23											
1		17	11,12	14	29	24	9	11	13	15		
	10	12	21		14	17		23				
		12	9	18	17			21	12	11		

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 1 - YSTR Results

NLKN82	Yfiler®, PowerPlex® Fusion									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
								21		11
NLQZ4X	PowerPlex® Fusion 6C									
1						9				
				18	17					
NM4RUU	PowerPlex® Fusion 6C									
1						9				
				18	17					
NNQW68	PowerPlex® Y 23									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23		
		12	9	18	17		21	12	11	
NT97Z6	PowerPlex® Y 23, PowerPlex® Fusion 5C									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23		
		12	9	18	17		21	12	11	
NTDKD6	PowerPlex® Y 23, PowerPlex® Fusion 6C									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23		
		12	9	18	17		21	12	11	
NUK6WY	Yfiler®									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
								21		11
NVKXYD	GlobalFiler™									
1						9				
										2
NX7UD7	Yfiler®, GlobalFiler™									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
								21		11
										2
NXLDW3	Investigator® 24plex QS									
1						9				
NYUAH8	Yfiler®									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
				18	17		21			11

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 1 - YSTR Results

P6D4N4	Yfiler®									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
								21		11
PFMB46	PowerPlex® Fusion 6C									
1				18	17		9			
PH24MJ	PowerPlex® Fusion									
1							9			
PJDQBY	GlobalFiler™									
1							9			
										2
PNBFKJ	Yfiler® Plus, GlobalFiler™									
1	35,38	17	11,12	14	29	24	9	11	13	15
	10	12	21	29	14	17	10	23		34
		12		18	17		20	21		11
										2
PPHLUY	GlobalFiler™									
1							9			
										2
PQTNK4	Yfiler®									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
								21		11
PUWD7L	PowerPlex® Y 23									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23		
		12	9	18	17			21	12	11
PX2K9C	GlobalFiler™ Express									
1							9			
										2
PX3MRP	Yfiler®, F6C									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
			18	17				21		11
PXDH6G	Yfiler®									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
								21		11

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 1 - YSTR Results

PXWZTG	Yfiler®										
	1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17					
								21		11	
PZ4UQ8	Yfiler®										
	1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17					
								21		11	
Q39RQ3	Yfiler®, GlobalFiler™										
	1	n/a	17	11,12	14	29	24	9	11	13	15
	10	12	21	n/a	14	17	n/a	n/a	n/a	n/a	n/a
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	21	n/a	11	2
Q3KNXR	Yfiler®, GlobalFiler™										
	1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17					
								21		11	2
Q3QGB9	PowerPlex® Fusion 6C										
	1						9				
				18	17						
Q4DE48	PowerPlex® Y 23										
	1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23			
	12	9	18	17				21	12	11	
Q4GFWE	GlobalFiler™										
	1						9				
											2
Q7MBQW	PowerPlex® Y 23, PowerPlex® Fusion 6C										
	1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23			
	12	9	18	17				21	12	11	
Q9WDU9	GlobalFiler™ Express										
	1						9				
											2
QAP344	GlobalFiler™										
	1						9				
											2
QFETE6	Yfiler®										
	1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17					
								21		11	

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 1 - YSTR Results

QG6YTB	Yfiler® Plus, GlobalFiler™ Express									
1	35,38	17	11,12	14	29	24	9	11	13	15
	10	12	21	29	14	17	10	23		34
		12		18	17		20	21		11
										2
QH3ALR	Yfiler®									
1		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17				
								21		11
QLLGVD	PowerPlex® Y 23, GlobalFiler™									
1		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17		23		
		12	9	18	17			21	12	11
										2
QMYNJF	Qiagen Investigator									
1							9			
QP4ENA	PowerPlex® Fusion 6C									
1							9			
				18	17					
QQULRT	PowerPlex® Fusion 6C									
1							9			
				18	17					
QU8GBW	Yfiler®									
1		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17				
								21		11
										2
QUY9H6	Yfiler®									
1		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17				
								21		11
QVA7X8	Yfiler®									
1							9			
				18	17					
QXAD4D	PowerPlex® Fusion 6c									
1							9			
				18	17					
R378Q7	PowerPlex® Y 23									
1		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17		23		
		12	9	18	17			21	12	11



TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 1 - YSTR Results

R3QYNX												
1											9	
											2	
R4G633	PowerPlex® Fusion 6C											
1											9	
											18	17
R6BZK6	Yfiler®											
1	17	11,12	14	29	24	9	11	13	15			
	10	12	21	14	17			21	11			
R7YXR6												
1	NA	NA	NA	NA	NA	NA	9	NA	NA	NA		
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2	
RFTEQR	GlobalFiler™											
1											9	
											2	
RK86X9	GlobalFiler™ Express											
1											9	
											2	
RLRPC7	PowerPlex® Y 23 System											
1	17	11,12	14	29	24	9	11	13	15			
	10	12	21	14	17			23				
	12	9	18	17			21	12	11	2		
RPHZXB	GlobalFiler™ Express											
1											9	
											2	
RPWLDE	Yfiler®											
1	17	11,12	14	29	24	9	11	13	15			
	10	12	21	14	17			21	11			
											2	
RQM6WR	GlobalFiler™											
1											9	
											2	
RTDKDA	GlobalFiler™											
1											9	
											2	

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 1 - YSTR Results

RUM3JD	PowerPlex® Y 23, GlobalFiler™, PowerPlex® Fusion Fusion 6C, Investigator® 24plex										
1	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17	23					
	12	9	18	17		21	12	11	2		
RUPRPV	Yfiler®										
1	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17						
						21		11			
RWCL9H	PowerPlex® Y 23										
1	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17	23					
	12	9	18	17		21	12	11			
RXC9H3	PowerPlex® Fusion 6C										
1						9					
			18	17							
T63AWT	Yfiler®										
1	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17						
						21		11	2		
T6AH3Z	PowerPlex® Fusion 6C										
1						9					
			18	17							
T8772U	Yfiler®										
1	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17						
						21		11			
T8CFB8	PowerPlex® Fusion 6C										
1	not tested	not tested	not tested	not tested	not tested	not tested	9	not tested	not tested	not tested	
	not tested	not tested	not tested	not tested	not tested	not tested	not tested	not tested	not tested	not tested	
	not tested	not tested	not tested	18	17	not tested	not tested	not tested	not tested	not tested	not tested
T8NBLD	Yfiler®										
1	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17						
						21		11			
T8V4T3	Yfiler®										
1	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17						
						21		11			
T8XUYK	Yfiler®										
1	NA	17	11,12	14	29	24	9	11	13	15	
	10	12	21	NA	14	17	NA	NA	NA	NA	
	NA	NA	NA	NA	NA	NA	NA	21	NA	11	NA

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 1 - YSTR Results

TAYZ46	PowerPlex® Fusion									
1										9
TECWRE										
PowerPlex® Fusion										
1										9
TEWNQQ										
Yfiler®										
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
								21		11
TGUZFC										
PowerPlex® Y 23, PowerPlex® Fusion 6C										
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23		
		12	9	18	17			21	12	11
THU7Q4										
Yfiler®										
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
								21		11
TL978Y										
PowerPlex® Y 23 System										
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23		
		12	9	18	17			21	12	11
										2
TLFMPC										
1										9
TLVYYG										
PowerPlex® Y 23										
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23		
		12	9	18	17			21	12	11
TM2HYX										
PowerPlex® Fusion Y23										
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23		
		12	9	18	17			21	12	11
TP7828										
GlobalFiler™										
1										9
TRGY93										
Yfiler®										
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
								21		11

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

## Item 1 - YSTR Results

TRWDFC	Yfiler® Plus										
1	35,38	17	11,12	14	29	24	9	11	13	15	
	10	12	21	29	14	17	10	23		34	
		12		18	17		20	21		11	
TWAYMX	Yfiler®										
1		17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17					
								21		11	
TX4CZW	PowerPlex® Y Y-23										
1		17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23			
		12	9	18	17			21	12	11	
U9GVXY	Yfiler®										
1		17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17					
								21		11	
UBQAUK	Yfiler® Plus, GlobalFiler™										
1	35,38	17	11,12	14	29	24	9	11	13	15	
	10	12	21	29	14	17	10	23	-	34	
	-	12	-	18	17	-	20	21	-	11	2
UDV3JH	Yfiler®										
1		17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17					
								21		11	
UEPNKV	PowerPlex® Y 23										
1		17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23			
		12	9	18	17			21	12	11	2
UKE7T7	PowerPlex® Y 23, PowerPlex® Fusion 6C										
1		17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23			
		12	9	18	17			21	12	11	
UKT4X6	PowerPlex® Y 23										
1		17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23			
		12	9	18	17			21	12	11	
ULMJWZ	Yfiler® Plus, GlobalFiler™										
1	35,38	17	11,12	14	29	24	9	11	13	15	
	10	12	21	29	14	17	10	23		34	
		12		18	17		20	21		11	2
UMHV6M	PowerPlex® Y 23, PowerPlex® Fusion										
1		17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23			
		12	9	18	17			21	12	11	

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 1 - YSTR Results

UWQWA	PowerPlex® Y PPY23									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17	23				
	12	9	18	17		21	12	11		
UW8RUU	Yfiler®									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
						21		11		
UXPJ8K										
1						9				
										2
V222L8										
1						9				
V43BDB	GlobalFiler™									
1						9				
										2
V494RC	PowerPlex® Fusion 6C									
1						9				
				18	17					
V9YTXH	Yfiler® Plus, GlobalFiler™									
1	35,38	17	11,12	14	29	24	9	11	13	15
	10	12	21	29	14	17	10	23		34
		12		18	17		20	21		11
										2
VEMBEE	Yfiler® Plus, GlobalFiler™									
1	35,38	17	11,12	14	29	24	9	11	13	15
	10	12	21	29	14	17	10	23		34
		12		18	17		20	21		11
										2
VG4GF2	PowerPlex® Y 23 System									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17	23				
	12	9	18	17		21	12	11		2
VGDM2R	Yfiler®									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
						21		11		
VHYFPE	Yfiler® Plus									
1	35,38	17	11,12	14	29	24	9	11	13	15
	10	12	21	29	14	17	10	23		34
		12		18	17		20	21		11
										2

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 1 - YSTR Results

VKBZW4	PowerPlex® Fusion 6C									
1										9
										18 17
VKEJVR	Yfiler®									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
										21 11
VKNRMY	Yfiler®									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
										18 17 21 11
VL4WDB	GlobalFiler™ Express									
1										9
										2
VL6PAX	PowerPlex® Fusion 6C									
1										9
										18 17
VLL2FG	GlobalFiler™									
1										9
										2
VPGVAC	GlobalFiler™									
1										9
										2
VQ2FF9	GlobalFiler™									
1										9
										2
VTLJVT	GlobalFiler™									
1										9
										2
VUTNKB	Yfiler®									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
										21 11
VUWCX9	PowerPlex® Y 23									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17		23			
	12	9	18	17			21	12	11	

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 1 - YSTR Results

VUYFLL	Yfiler®, PowerPlex® Fusion 6C									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
			18	17			21		11	
WLGFU	GlobalFiler™									
1						9				
										2
VXZYR	Yfiler® Plus									
1	35,38	17	11,12	14	29	24	9	11	13	15
	10	12	21	29	14	17	10	23	34	
		12		18	17		20	21	11	
W7BKKZ	GlobalFiler™ Express									
1						9				
										2
WBY8W8	PowerPlex® Y Y23, PowerPlex® Fusion 5C									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17		23			
		12	9	18	17		21	12	11	
WC2R6U	PowerPlex® Y 23									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17		23			
		12	9	18	17		21	12	11	
WCBXAH	Yfiler®									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
							21		11	2
WKAD4W										
1						9				
WLM39U	GlobalFiler™									
1						9				
										2
WLNVB9	Yfiler®, PowerPlex® Fusion 6C									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
			18	17			21		11	
WMD9MY	Yfiler®									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
							21		11	

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 1 - YSTR Results

WME2ND	Yfiler®									
	1	17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17				
								21		11
WTL3F	Yfiler®									
	1	17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17				
								21		11
WUR4G9	PowerPlex® Fusion 6C									
	1						9			
				18	17					
WVNG2F	PowerPlex® Y 23									
	1	17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17		23		
		12	9	18	17			21	12	11
WW96W	PowerPlex® Fusion 6C									
	1						9			
				18	17					
WZJAB3	GlobalFiler™									
	1						9			
X2TLJQ	Yfiler®									
	1	17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17				
								21		11
X6BY7Z	PowerPlex® Fusion 6C									
	1						9			
				18	17					
X6MW34	Yfiler®, PowerPlex® Fusion 6C									
	1	17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17				
			18	17				21		11
X74Q6Y	PowerPlex® Fusion 6C									
	1						9			
				18	17					
X8WQCB	PowerPlex® Y 23, PowerPlex® Fusion 6C									
	1	17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17		23		
		12	9	18	17			21	12	11





TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 1 - YSTR Results

XRHKPP	Yfiler®											
	1	N/A	17	11,12	14	29	24	9	11	13	15	
		10	12	21	N/A	14	17	N/A	N/A	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	21	N/A	11	N/A
XRMUZN	Yfiler® Plus, GlobalFiler™											
	1	35,38	17	11,12	14	29	24	9	11	13	15	
		10	12	21	29	14	17	10	23		34	
		12		18	17		20	21		11	2	
XTV6HZ	PowerPlex® Y 23											
	1		17	11,12	14	29	24	9	11	13	15	
		10	12	21		14	17		23			
		12	9	18	17			21	12	11		
XU9T4K	Yfiler®, GlobalFiler™ Express											
	1		17	11,12	14	29	24	9	11	13	15	
		10	12	21		14	17					
								21		11		
XURJ8D	Yfiler® Plus, GlobalFiler™											
	1	35,38	17	11,12	14	29	24	9	11	13	15	
		10	12	21	29	14	17	10	23		34	
		12		18	17		20	21		11	2	
XWE6XF	Yfiler®											
	1		17	11,12	14	29	24	9	11	13	15	
		10	12	21		14	17					
								21		11		
XYM4JA	Yfiler®											
	1		17	11,12	14	29	24	9	11	13	15	
		10	12	21		14	17					
								21		11		
XZDGV2	PowerPlex® Fusion 6C											
	1							9				
					18	17						
Y3FY9M	Yfiler®, GlobalFiler™											
	1		17	11,12	14	29	24	9	11	13	15	
		10	12	21		14	17					
								21		11	2	
Y7CC7K	Yfiler®, PowerPlex® Fusion											
	1		17	11,12	14	29	24	9	11	13	15	
		10	12	21		14	17					
								21		11		
Y7CHBL	GlobalFiler™											
	1							9				
											2	

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 1 - YSTR Results

Y7L4H3	Yfiler®, GlobalFiler™									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
								21	11	2
YB6YRZ	Yfiler® Plus									
1	35,38	17	11,12	14	29	24	9	11	13	15
	10	12	21	29	14	17	10	23	34	
		12		18	17		20	21	11	
YCTRV6										
1						9				
YD8YJ8	Yfiler®									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
			18	17			21		11	
YDFFVJ	Yfiler®, PowerPlex® Fusion									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
							21		11	
YFTUWY	Yfiler®									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
							21		11	
YG4PHQ	GlobalFiler™									
1						9				
										2
YGGB3Z	PowerPlex® Y 23, PowerPlex® Fusion									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23		
		12	9	18	17		21	12	11	
YGXN74	PowerPlex® Fusion 5C									
1						9				
YJPH8E	Yfiler® Plus, GlobalFiler™									
1	35,38	17	11,12	14	29	24	9	11	13	15
	10	12	21	29	14	17	10	23	34	
		12		18	17		20	21	11	2
YM7W3Z	PowerPlex® Fusion 6C									
1						9				
			18	17						

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 1 - YSTR Results

YNBMR3	PowerPlex® Y 23, GlobalFiler™, PowerPlex® Fusion 6C										
1	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17	23					
	12	9	18	17		21	12	11	2		
YNJBNN	Yfiler®, GlobalFiler™ Express										
1	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17						
						21		11			
YNJL8X	PowerPlex® Fusion 6C										
1						9					
			18	17							
YPRM6Q	GlobalFiler™										
1						9					
											2
YT97TZ	PowerPlex® Fusion 5C										
1						9					
YTW7CY	PowerPlex® Fusion 6C										
1						9					
			18	17							
YU8DBK	Yfiler®, PowerPlex® Fusion 6C										
1	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17						
			18	17		21		11			
YX268W	Yfiler®, PowerPlex® Fusion 5C										
1	NA	17	11,12	14	29	24	9	11	13	15	
	10	12	21	NA	14	17	NA	NA	NA	NA	
	NA	NA	NA	NA	NA	NA	NA	21	NA	11	NA
YYDZVA	PowerPlex® Y Y23										
1	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17	23					
	12	9	18	17		21	12	11			
YYKXFL	Yfiler®										
1	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17						
						21		11			
Z2LCNW	GlobalFiler™										
1						9					
											2

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 1 - YSTR Results

Z44GZM	Yfiler®									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
								21		11
Z6Z8VT	GlobalFiler™									
1						9				
										2
Z7EH3Y	PowerPlex® Fusion									
1						9				
ZA4HMN	Yfiler®									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
								21		11
ZAEQ6N	Yfiler®									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
								21		11
ZBC23C	PowerPlex® Fusion 6C									
1						9				
			18	17						
ZEPVQV	PowerPlex® Fusion 6C									
1						9				
			18	17						
ZFZA3Q	PowerPlex® Y 23 System									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23		
		12	9	18	17			21	12	11
										2
ZGCD6A	PowerPlex® Y 23, PowerPlex® Fusion 6C									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23		
		12	9	18	17			21	12	11
ZMYCAP	Yfiler®									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
								21		11
ZPMMHV	Yfiler®									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
								21		11

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 1 - YSTR Results

ZPR87X										
1										9
				18	17					
ZTLP7Q	PowerPlex® Y 23 System									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17	23				
	12	9	18	17	21	12	11	2		
ZVJ3KP										
1										9
				18	17					
ZVYNR7	PowerPlex® Fusion 6C									
1										9
				18	17					
ZWEQWT	PowerPlex® Fusion 6C									
1										9
				18	17					
ZX6WBX	PowerPlex® Y 23									
1	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17	23				
	12	9	18	17	21	12	11			

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 2 - YSTR Results

22VQAJ 2	PowerPlex® Fusion Fusion 6C	NR									
NR NR											
2AU4RY 2	GlobalFiler™ Express	NR									
NR											
2B4E3A 2	PowerPlex® Fusion 6C										
2KCPU9 2	PowerPlex® Fusion 6C										
2QFTK8 2	PowerPlex® Fusion 6C										
2QGL69 2	Yfiler®	-	-	-	-	-	-	-	-	-	-
-											
-											
2VQX7F 2	PowerPlex® Fusion	ND									
2WPKUE 2	Yfiler®	-	-	-	-	-	-	-	-	-	-
-											
-											
2YZPR3 2	GlobalFiler™	NR									
NR											
2ZYBXL 2	GlobalFiler™	--									
--											
32XUHT 2	PowerPlex® Fusion 6C										

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 2 - YSTR Results

372YUK	GlobalFiler™										
2	NR										
[Redacted]											
NR											
3DAZQA	PowerPlex® Fusion 6C										
2	[Redacted]										
3G6J9T	PowerPlex® Y 23										
2	-	-	-	-	-	-	-	-	-	-	-
[Redacted]											
-											
3HFWVG	PowerPlex® Fusion Fusion 6C										
2	NR										
[Redacted]											
NR				NR							
3J28B4	Investigator® 24plex										
2	[Redacted]										
3R6KUQ	PowerPlex® Fusion 5C										
2	NA	NA	NA	NA	NA	NA	NR/NE	NA	NA	NA	
[Redacted]											
NA											
NA											
3XU2JM	GlobalFiler™										
2	[Redacted]										
3YVRWX	GlobalFiler™										
2	NR										
[Redacted]											
NR											
3Z3E2P	PowerPlex® Fusion 5c										
2	NR										
[Redacted]											
44FEZ2	GlobalFiler™										
2	[Redacted]										
4LZA8H	Yfiler®, GlobalFiler™ Express										
2	[Redacted]										



TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 2 - YSTR Results

4RFCBT	GlobalFiler™										
2	NA	NA	NA	NA	NA	NA	NR	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR
4WATHX	PowerPlex® Fusion 6C										
2	[Redacted]										
4WX7C6	PowerPlex® Fusion 6C										
2	[Redacted]										
4YM6WV	GlobalFiler™										
2							NR				
	[Redacted]										
											NR
63VX3L	GlobalFiler™										
2							--				
	[Redacted]										
											--
67EH33	Yfiler®										
2		NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR		NR	NR					
								NR	NR		
6X93M2	PowerPlex® Fusion 6C Direct										
2	[Redacted]										
6YJ3JV	GlobalFiler™ Express										
2							NR				
	[Redacted]										
											NR
6ZB9VF	PowerPlex® Fusion 6C										
2							NR				
	[Redacted]										
				NR	NR						
747G4U	PowerPlex® Fusion										
2							No Results				
	[Redacted]										
778KVG	PowerPlex® Fusion										
2	[Redacted]										

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 2 - YSTR Results

7KT7RR	GlobalFiler™										
2	N/A	N/A	N/A	N/A	N/A	N/A	NR	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NR
7M2XG6	GlobalFiler™										
2	[Redacted]										
7MMFTQ	GlobalFiler™ Express										
2	NR										
	[Redacted]										
	NR										
7PDL8W	GlobalFiler™										
2	No Results										
	[Redacted]										
	No Results										
7RFGXL	Yfiler®, GlobalFiler™										
2	NT	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NT	NR	NR	NT	NT	NT	NT	NR
	NT	NT	NT	NT	NT	NT	NT	NR	NT	NR	NR
7UL2LL	GlobalFiler™										
2	no results										
	[Redacted]										
	no results										
7UZCCD	PowerPlex® Fusion 6C										
2	NR										
	[Redacted]										
	NR NR										
7X63WZ	GlobalFiler™ Express										
2	[Redacted]										
86WTPL	GlobalFiler™										
2	No Results										
	[Redacted]										
	No Results										
879LNU	GlobalFiler™ Express										
2	-										
	[Redacted]										
	-										
89XWG9	PowerPlex® Fusion										
2	not detected										
	[Redacted]										

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 2 - YSTR Results

8GNNGL	PowerPlex® Fusion 6C									
2						NR				
NR NR										
8H2QE2	GlobalFiler™									
2						no results				
no results										
8JXPME	GlobalFiler™									
2										
8M4Y8W	GlobalFiler™									
2						No Results				
No Results										
8RCDLM	GlobalFiler™									
2						no results				
no results										
8TJQ4N	PowerPlex® Fusion 6C									
2										
8WUF3R	GlobalFiler™									
2										
8YAFTM	Yfiler®, PowerPlex® Fusion									
2	NR	NR,NR	NR	NR	NR	NR	NR	NR	NR	NR
NR NR NR NR NR NR NR NR NR NR										
NR NR										
98ZYNR	GlobalFiler™ Express									
2										
9DQ8GY	GlobalFiler™ Express									
2										
9H36TR	GlobalFiler™ Express									
2						NR				
NR										

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 2 - YSTR Results

9H48C6	GlobalFiler™										
2	[REDACTED]										
9MCD7P	PowerPlex® Fusion										
2	[REDACTED]										
A734M2	PowerPlex® Fusion 6C										
2	[REDACTED]										
A8DUM6	PowerPlex® Fusion										
2	ND										
A9T8F9	PowerPlex® Fusion 6C										
2	[REDACTED]										
AAFYBL	PowerPlex® Fusion 6C										
2	[REDACTED]										
ACPXFT	PowerPlex® Y 23										
2	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR			NR	NR	NR	NR
AFP43K	PowerPlex® Fusion 5C										
2	NA	NA	NA	NA	NA	NA	NR/NE	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AVLB4T	PowerPlex® Fusion 6C										
2	[REDACTED]										
AWD8V9	Yfiler® Plus, GlobalFiler™										
2	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
		NR		NR	NR		NR	NR		NR	NR
AXWWAM	PowerPlex® Fusion 6C										
2	[REDACTED]										

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 2 - YSTR Results

AYKPRJ	GlobalFiler™										
2	No results.										
No results.											
B2LWNF	PowerPlex® Fusion 5C										
2	NA	NA	NA	NA	NA	NA	NR/NE	NA	NA	NA	
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B8UTN4	Yfiler®, GlobalFiler™										
2	-	-	-	-	-	-	-	-	-	-	
	-	-	-	-	-	-	-	-	-	-	
BGZF79	GlobalFiler™										
2											
BJ7KYW	GlobalFiler™										
2											
BQZHBK	GlobalFiler™										
2	N/A	N/A	N/A	N/A	N/A	N/A	NR	N/A	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NR
BRM3QB	Yfiler®, PowerPlex® Fusion Fusion 6C										
2		NR	NR	NR	NR	NR	NR	NR	NR	NR	
	NR	NR	NR		NR	NR					
				NR	NR			NR		NR	
BUKV98	GlobalFiler™										
2											
CBP24H	Yfiler®, PowerPlex® Fusion										
2		NR	NR, NR	NR	NR	NR	NR	NR	NR	NR	
	NR	NR	NR		NR	NR					
								NR		NR	
CEVTHV	PowerPlex® Fusion 6C										
2											
CGZJMQ	GlobalFiler™ Express										
2											

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 2 - YSTR Results

CVTGAT	PowerPlex® Y 23									
2	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	No results	No results	No results	No results	No results	No results
D4NK9N	GlobalFiler™ Express									
2	-									
D93D8U	PowerPlex® Fusion 6C									
2	-									
DBL9T9	Yfiler®									
2	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
DQRPH8	GlobalFiler™									
2	-									
DZNAEA	Yfiler®, GlobalFiler™ Express									
2	-									
EA7DYE	PowerPlex® Fusion 6C, Investigator® 24plex									
2	-									
EGTDZC	PowerPlex® Fusion 6C									
2	-									
ELLF3Q	GlobalFiler™ Express									
2	-									
ERKYAN	PowerPlex® Fusion 6C									
2	-									
F794CJ	GlobalFiler™									
2	-									

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y InDel

Item 2 - YSTR Results

F9KABC	PowerPlex® Fusion 5C										
2	NA	NA	NA	NA	NA	NA	NR/NE	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

FGHVM7	GlobalFiler™										
2	[Redacted]										

FWZRVF	PowerPlex® Fusion 6C										
2	[Redacted]										

FXEYGW	PowerPlex® Fusion 6C										
2	[Redacted]										

G2HK7D	PowerPlex® Fusion 5C										
2	NA	NA	NA	NA	NA	NA	NR/NE	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

G3VYW8	Yfiler®, GlobalFiler™										
2	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-

G76YBF	PowerPlex® Fusion 6C										
2	[Redacted]										

GBPDLY	PowerPlex® Fusion										
2	ND										

GG28TH	PowerPlex® Fusion										
2	NR										

GHDMLX	PowerPlex® Fusion 6C										
2	NR										
	NR NR										

GKXXX9	GlobalFiler™										
2	[Redacted]										

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 2 - YSTR Results

GMDVUE	PowerPlex® Fusion 6C										
2	[REDACTED]										
GREZVR	N/T										
2	N/T	N/T	N/T	N/T	N/T	N/T	N/T	N/T	N/T	N/T	N/T
	N/T	N/T	N/T	N/T	N/T	N/T	N/T	N/T	N/T	N/T	N/T
	N/T	N/T	N/T	N/T	N/T	N/T	N/T	N/T	N/T	N/T	N/T
											N/T
GV4K79	GlobalFiler™										
2	[REDACTED]										
GWDJLB	PowerPlex® Fusion 6C										
2	[REDACTED]										
GX6A8B	Yfiler®										
2		NR	NR, NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR		NR	NR					
								NR			NR
H9JRCM	GlobalFiler™										
2	NR										
	NR										
HDYDPL	PowerPlex® Fusion 5C										
2	NR										
HFLAT6	PowerPlex® Fusion										
2	[REDACTED]										
HHTKTF	GlobalFiler™										
2	[REDACTED]										
HHUH4B	PowerPlex® Fusion 6C										
2	-										
	-										
HLN7T6	GlobalFiler™										
2	[REDACTED]										



TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 2 - YSTR Results

HYTDLG	GlobalFiler™									
2	-	-	-	-	-	-	-	NR	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	NR
J6LWGC	PowerPlex® Fusion 6C									
2	[REDACTED]									
J8ZQZP	PowerPlex® Fusion 5C									
2	ND									
JABET3	PowerPlex® Fusion 6C									
2	[REDACTED]									
JB8RHF	GlobalFiler™									
2	[REDACTED]									
JJWXU	GlobalFiler™									
2	[REDACTED]									
JNCVWH	GlobalFiler™ Express									
2	-									
JRPTV6	Yfiler®									
2	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
JT832C	PowerPlex® Fusion 6C									
2	[REDACTED]									
JW4L3B	PowerPlex® Fusion 6C									
2	[REDACTED]									
K4GYGZ	Yfiler®, PowerPlex® Fusion 6C (Direct and Regular)									
2	N/A									
	[REDACTED]									
	N/A					N/A				

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 2 - YSTR Results

K6EC28											
2											N/A
K8ZZHE	PowerPlex® Fusion 6C										
2											
K9HVB2	GlobalFiler™										
2											
KBEM2K	GlobalFiler™										
2											
KKTDXX	PowerPlex® Fusion 6C										
2											
KKZTW4	PowerPlex® Fusion										
2											No Results
KN32EF	Yfiler® Plus										
2	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
KQE9Y3	PowerPlex® Fusion 6C										
2											NR
				NR			NR				
KVXVBV	PowerPlex® Fusion										
2											ND
L36LEP	Investigator® 24plex GO!										
2											No Result
LALXP6	GlobalFiler™										
2											

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 2 - YSTR Results

LFBF9M 2	PowerPlex® Fusion 6C	[REDACTED]									
LMR7DE 2	GlobalFiler™ Express	NR									
LPB9YZ 2	Yfiler®	--	--	--	--	--	--	--	--	--	--
LR2Z3D 2	Yfiler®	-	-	-	-	-	-	-	-	-	-
LT32EH 2	GlobalFiler™ Express	[REDACTED]									
LXC9PU 2	GlobalFiler™	[REDACTED]									
M7W98B 2	GlobalFiler™	-	-	-	-	-	NR	-	-	-	NR
MNCKXF 2	PowerPlex® Fusion 6C	[REDACTED]									
MR2V42 2	GlobalFiler™ Express	[REDACTED]									
MTBH3F 2	GlobalFiler™ Express	-									
N4AQ84 2	PowerPlex® Fusion 6C	[REDACTED]									

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 2 - YSTR Results

N6Y9TW	GlobalFiler™										
2	[REDACTED]										
N7EEK9	PowerPlex® Fusion 6C										
2	[REDACTED]										
N8M3X8	GlobalFiler™										
2	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	NR	Not Tested	Not Tested	Not Tested	
	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	
	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	NR
NBN7M9	GlobalFiler™										
2	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	NR	Not Tested	Not Tested	Not Tested	
	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	
	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	NR
NJJ9PK	Yfiler®, GlobalFiler™										
2		NR	NR	NR	NR	NR	NR	NR	NR	NR	
	NR	NR	NR		NR	NR					
								NR		NR	NR
NLQZ4X	PowerPlex® Fusion 6C										
2	[REDACTED]										
NM4RUU	PowerPlex® Fusion 6C										
2	[REDACTED]										
NNQW68	PowerPlex® Y 23										
2	-	-	-	-	-	-	-	-	-	-	
	-	-	-	-	-	-	-	-	-	-	
	-	-	-	-	-	-	-	-	-	-	
NT97Z6	PowerPlex® Fusion 5C										
2	NR										
NTDKD6	PowerPlex® Fusion 6C										
2	[REDACTED]										
NVKXYD	GlobalFiler™										
2	NR										
	NR										

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 2 - YSTR Results

NXLDW3 2	Investigator® 24plex QS										
[Redacted]											
PFMB46 2	PowerPlex® Fusion 6C										
[Redacted]											
PH24MJ 2	PowerPlex® Fusion										
											Not Detected
[Redacted]											
PJDQBY 2	GlobalFiler™										
											--
[Redacted]											
[Redacted]											
PX2K9C 2	GlobalFiler™ Express										
											NR
[Redacted]											
[Redacted]											
PX3MRP 2	PowerPlex® Fusion										
											NR
[Redacted]											
[Redacted]											
Q39RQ3 2	Yfiler®, GlobalFiler™										
n/a 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 n/a no results no results n/a n/a n/a n/a											
n/a n/a n/a n/a n/a n/a n/a n/a no results n/a no results no results											
Q3KNXR 2	GlobalFiler™										
[Redacted]											
Q3QGB9 2	PowerPlex® Fusion 6C										
											NR
[Redacted]											
[Redacted]											
Q4GFWE 2	GlobalFiler™										
											NR
[Redacted]											
[Redacted]											
Q7MBQW 2	PowerPlex® Fusion 6C										
											NR
[Redacted]											
[Redacted]											
[Redacted]											

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y InDel

Item 2 - YSTR Results

Q9WDU9	GlobalFiler™ Express										
2	NR										
[Redacted]											
NR											
QAP344	GlobalFiler™										
2	-										
[Redacted]											
-											
QG6YTB	GlobalFiler™ Express										
2	-										
[Redacted]											
-											
QLLGVD	GlobalFiler™										
2	No Results										
[Redacted]											
No Results											
QP4ENA	PowerPlex® Fusion 6C										
2	[Redacted]										
[Redacted]											
QQULRT	GlobalFiler™										
2	NR										
[Redacted]											
NR NR											
QXAD4D	PowerPlex® Fusion 6C										
2	[Redacted]										
[Redacted]											
R378Q7	PowerPlex® Y 23										
2	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
[Redacted]											
NR NR NR NR NR NR NR NR NR NR NR NR											
[Redacted]											
NR NR NR NR NR NR NR NR NR NR NR NR											
R4G633	PowerPlex® Fusion 6C										
2	[Redacted]										
[Redacted]											
R7YXR6	GlobalFiler™										
2	NA	NA	NA	NA	NA	NA	NR	NA	NA	NA	NA
[Redacted]											
NA NA NA NA NA NA NA NA NA NA NA NA											
[Redacted]											
NA NA NA NA NA NA NA NA NA NA NA NA NR											
RFTEQR	GlobalFiler™										
2	[Redacted]										
[Redacted]											

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 2 - YSTR Results

RK86X9	GlobalFiler™ Express										
2											NR
NR											
RPHZXB	GlobalFiler™ Express										
2											
RUPRPV	Yfiler®										
2		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA		NA	NA			NA		NA
NA NA											
T6AH3Z	PowerPlex® Fusion 6C										
2											
T8CFB8	PowerPlex® Fusion 6C										
2	not tested	not tested	not tested	not tested	not tested	not tested	no result	not tested	not tested	not tested	not tested
	not tested	not tested	not tested	not tested	not tested	not tested	not tested	not tested	not tested	not tested	not tested
	not tested	not tested	not tested	no result	no result	not tested	not tested	not tested	not tested	not tested	not tested
not tested											
TAYZ46	PowerPlex® Fusion										
2											
TECWRE	PowerPlex® Fusion										
2											ND
TP7828	GlobalFiler™										
2											NR
NR											
UKE7T7	PowerPlex® Fusion 6C										
2											NR
NR NR											
ULMJWZ	GlobalFiler™										
2											
UMHV6M	PowerPlex® Fusion										
2											ND

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 2 - YSTR Results

V43BDB 2	GlobalFiler™	[Redacted]									
V9YTXH 2	GlobalFiler™	[Redacted]									
VL4WDB 2	GlobalFiler™ Express	[Redacted]									
VL6PAX 2	PowerPlex® Fusion 6C	[Redacted]									
VLL2FG 2	GlobalFiler™	ND									
VQ2FF9 2	GlobalFiler™	No Results									
VTLJVT 2	GlobalFiler™	no results									
VUYYFL 2	Yfiler®, PowerPlex® Fusion 6C	[Redacted]									
W7BKKZ 2	GlobalFiler™ Express	NR									
WUR4G9 2	PowerPlex® Fusion 6C	[Redacted]									
WW96W 2	PowerPlex® Fusion 6C	[Redacted]									





TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 2 - YSTR Results

Y7CHBL 2	GlobalFiler™	-										
Y7L4H3 2	GlobalFiler™	NR										
YJPH8E 2	GlobalFiler™	NR										
YM7W3Z 2	PowerPlex® Fusion 6C											
YNBMR3 2	GlobalFiler™	No Results										
YNJBNN 2	Yfiler®, GlobalFiler™ Express											
YU8DBK 2	PowerPlex® Fusion 6C	NR										
YX268W 2	PowerPlex® Fusion 5C	NA	NA	NA	NA	NA	NA	NR/NE	NA	NA	NA	
		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
YYDZVA 2		Not Detected										
Z44GZM 2	Yfiler®	-	-	-	-	-	-	-	-	-	-	-
Z6Z8VT 2	GlobalFiler™	No results										
		No results										





TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 3 - YSTR Results

3DAZQA	PowerPlex® Fusion 6C										
3	[REDACTED]										
3G6J9T	PowerPlex® Y 23										
3	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-
3HFWWG	PowerPlex® Fusion Fusion 6C										
3	NR										
	NR NR										
3J28B4	Investigator® 24plex										
3	[REDACTED]										
3R6KUQ	PowerPlex® Fusion 5C										
3	NA	NA	NA	NA	NA	NA	NR/NE	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3XU2JM	GlobalFiler™										
3	[REDACTED]										
3YVRWX	GlobalFiler™										
3	NR										
	NR										
3Z3E2P	PowerPlex® Fusion 5C										
3	NR										
44FEZ2	GlobalFiler™										
3	[REDACTED]										
4RFCBT	GlobalFiler™										
3	NA	NA	NA	NA	NA	NA	NR	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR
4WATHX	PowerPlex® Fusion 6C										
3	[REDACTED]										

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 3 - YSTR Results

4WX7C6	PowerPlex® Fusion 6C										
3	[Redacted]										
4YM6WV	GlobalFiler™										
3	NR										
63VX3L	GlobalFiler™										
3	--										
67EH33	Yfiler®										
3	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR			NR		NR	
6X93M2	PowerPlex® Fusion Fusion 6C										
3	[Redacted]										
6YJ3JV	GlobalFiler™										
3	NR										
6ZB9VF	PowerPlex® Fusion 6C										
3	NR										
			NR	NR							
747G4U	GlobalFiler™										
3	No Results										
											No Results
7KT7RR	GlobalFiler™										
3	N/A	N/A	N/A	N/A	N/A	N/A	NR	N/A	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NR
7M2XG6	GlobalFiler™										
3	[Redacted]										
7MMFTQ	GlobalFiler™										
3	NR										
											NR

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 3 - YSTR Results

7PDL8W	GlobalFiler™										
3	No Results										
No Results											
7RFGXL	Yfiler®, GlobalFiler™										
3	NT	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NT	NR	NR	NT	NT	NT	NT	NT
	NT	NT	NT	NT	NT	NT	NT	NR	NT	NR	NR
7UL2LL	GlobalFiler™										
3	no results										
no results											
7UZCCD	PowerPlex® Fusion 6C										
3	NR										
			NR	NR							
7X63WZ	GlobalFiler™										
3											
86WTPL	GlobalFiler™										
3	No Results										
No Results											
879LNU	GlobalFiler™										
3	-										
-											
89XWG9	PowerPlex® Fusion										
3	not detected										
8GNNGL	GlobalFiler™										
3	NR										
NR											
8H2QE2	GlobalFiler™										
3	no results										
no results											
8JXPME	GlobalFiler™										
3											

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 3 - YSTR Results

8M4Y8W	GlobalFiler™									
3	No Results									
No Results										
8RCDLM	GlobalFiler™									
3	no results									
no results										
8TJQ4N	PowerPlex® Fusion 6C									
3										
8WUF3R	GlobalFiler™									
3										
8YAFTM	Yfiler®, PowerPlex® Fusion									
3	NR	NR,NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR			NR		NR
NR NR										
98ZYNR	GlobalFiler™									
3	-									
-										
9DQ8GY	GlobalFiler™									
3										
9H36TR	GlobalFiler™									
3	NR									
NR										
9H48C6	GlobalFiler™									
3										
9MCD7P	PowerPlex® Fusion									
3										
A734M2	PowerPlex® Fusion 6C									
3										



TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 3 - YSTR Results

A8DUM6	PowerPlex® Fusion										
3											ND
A9T8F9	PowerPlex® Fusion 6C										
3											
AAFBL	PowerPlex® Fusion 6C										
3											
ACPXF	PowerPlex® Y 23										
3	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR			NR	NR	NR	NR
AFP43K	PowerPlex® Fusion 5C										
3	NA	NA	NA	NA	NA	NA	NR/NE	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AVLB4T	PowerPlex® Fusion 6C										
3											
AWD8V9	Yfiler® Plus, GlobalFiler™										
3	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
		NR		NR	NR		NR	NR		NR	NR
AXWWAM	PowerPlex® Fusion 6C										
3											
AYKPRJ	GlobalFiler™										
3											No results.
B2LWNF	PowerPlex® Fusion 5C										
3	NA	NA	NA	NA	NA	NA	NR/NE	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B8UTN4	Yfiler®, GlobalFiler™										
3	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 3 - YSTR Results

BGZF79	GlobalFiler™										
3	[REDACTED]										
BJ7KYW	GlobalFiler™										
3	[REDACTED]										
BQZHBK	GlobalFiler™										
3	N/A	N/A	N/A	N/A	N/A	N/A	NR	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NR
BRM3QB	PowerPlex® Fusion 6C										
3	NR										
	[REDACTED]										
	NR NR										
BUKV98	GlobalFiler™										
3	[REDACTED]										
CBP24H	Yfiler®, PowerPlex® Fusion										
3	NR	NR, NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR		NR	NR						
	NR NR										
CEVTHV	PowerPlex® Fusion 6C										
3	[REDACTED]										
CGZJMQ	GlobalFiler™										
3	[REDACTED]										
D4NK9N	GlobalFiler™										
3	[REDACTED]										
D93D8U	PowerPlex® Fusion 6C										
3	[REDACTED]										
DBL9T9	Yfiler®										
3	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 3 - YSTR Results

DQRPH8 3	GlobalFiler™										
[Redacted]											
DR9WTV 3	Yfiler® plus, GlobalFiler™										
[Redacted]											
EA7DYE 3	Investigator® 24plex										
[Redacted]											
EGTDZC 3	PowerPlex® Fusion 6C										
[Redacted]											
ELLF3Q 3	GlobalFiler™										
[Redacted]											
ERKYAN 3	PowerPlex® Fusion 6C										
[Redacted]											
F794CJ 3	GlobalFiler™										
[Redacted]											
F9KABC 3	PowerPlex® Fusion 5C										
	NA	NA	NA	NA	NA	NA	NR/NE	NA	NA	NA	
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FGHVM7 3	GlobalFiler™										
[Redacted]											
FWZRVF 3	PowerPlex® Fusion 6C										
[Redacted]											
FXEYGW 3	PowerPlex® Fusion 6C										
[Redacted]											

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 3 - YSTR Results

G2HK7D	PowerPlex® Fusion 5C										
3	NA	NA	NA	NA	NA	NA	NR/NE	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G3VYW8	Yfiler®, GlobalFiler™										
3	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-
G76YBF	PowerPlex® Fusion 6C										
3											
GBPDLY											
3	ND										
GG28TH	PowerPlex® Fusion										
3	NR										
GHDMLX	PowerPlex® Fusion 6C										
3	NR										
				NR	NR						
GKXXX9	GlobalFiler™										
3											
GMDVUE	PowerPlex® Fusion 6C										
3											
GQJRXL	PowerPlex® Fusion										
3	No results										
GREZVR											
3	N/T	N/T	N/T	N/T	N/T	N/T	N/T	N/T	N/T	N/T	N/T
	N/T	N/T	N/T	N/T	N/T	N/T	N/T	N/T	N/T	N/T	N/T
	N/T	N/T	N/T	N/T	N/T	N/T	N/T	N/T	N/T	N/T	N/T
GV4K79	GlobalFiler™										
3											

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 3 - YSTR Results

GWDJLB 3	PowerPlex® Fusion 6C									
[Redacted]										
GX6A8B 3	Yfiler®									
NR NR,NR NR NR NR NR NR NR NR NR										
NR NR NR NR NR NR NR NR NR NR										
NR NR										
H9JRCM 3	GlobalFiler™									
NR										
NR										
HDYDPL 3	PowerPlex® Y 23, PowerPlex® Fusion 5C									
NR NR NR NR NR NR NR NR NR NR										
NR NR NR NR NR NR NR NR NR NR										
NR NR NR NR NR NR NR NR NR NR										
HFLAT6 3	PowerPlex® Fusion									
[Redacted]										
HHTKTF 3	GlobalFiler™									
[Redacted]										
HHUH4B 3	PowerPlex® Fusion 6C									
- -										
HLN7T6 3	GlobalFiler™									
[Redacted]										
HYDLDG 3	GlobalFiler™									
- - - - - NR - - - -										
- - - - - - - - - -										
- - - - - - - - - NR										
J6LWGC 3	PowerPlex® Fusion 6C									
[Redacted]										
J8ZQZP 3	PowerPlex® Fusion 5C									
ND										

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 3 - YSTR Results

JABET3	PowerPlex® Fusion 6C									
3	[REDACTED]									
JB8RHF	GlobalFiler™									
3	[REDACTED]									
JJWXU	GlobalFiler™									
3	[REDACTED]									
JNCVWH	GlobalFiler™									
3	[REDACTED]									
JRAXKD	Yfiler® Plus									
3	[REDACTED]									
JRPTV6	Yfiler®									
3	-	-	-	-	-	-	-	-	-	-
JT832C	PowerPlex® Fusion 6C									
3	[REDACTED]									
JW4L3B	PowerPlex® Fusion 6C									
3	[REDACTED]									
K4GYGZ	Yfiler®, PowerPlex® Fusion 6C									
3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A				
			N/A	N/A			N/A	N/A		
K6EC28	N/A									
3	[REDACTED]									
K8ZZHE	PowerPlex® Fusion 6C									
3	[REDACTED]									

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 3 - YSTR Results

K9HVB2	GlobalFiler™										
3	[Redacted]										
KBEM2K	GlobalFiler™										
3	[Redacted]										
KKTDXX	PowerPlex® Fusion 6C										
3	[Redacted]										
KN32EF	Yfiler® Plus										
3	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
KQE9Y3	Yfiler®, PowerPlex® Fusion 6C										
3		NR	NR	NR	NR	NR	NR	NR	NR	NR	
	NR	NR	NR		NR	NR					
				NR	NR			NR		NR	
KVXVBV	PowerPlex® Fusion										
3	ND										
L36LEP	Investigator® 24plex										
3	No Result										
LALXP6	GlobalFiler™										
3	[Redacted]										
LFBF9M	PowerPlex® Fusion 6C										
3	[Redacted]										
LMR7DE	Yfiler® Plus, GlobalFiler™										
3	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
		NR		NR	NR		NR	NR		NR	NR
LPB9YZ	Yfiler®										
3	--	--	--	--	--	--	--	--	--	--	
	--	--	--	--	--	--					
								--		--	

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 3 - YSTR Results

LR2Z3D	Yfiler®											
3	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-
LT32EH	GlobalFiler™											
3	[Redacted]											
LXC9PU	GlobalFiler™											
3	[Redacted]											
M7W98B	GlobalFiler™											
3	-	-	-	-	-	-	NR	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	NR
MTBH3F	GlobalFiler™											
3	[Redacted]											
	-											
N4AQ84	PowerPlex® Fusion 6C											
3	[Redacted]											
N6Y9TW	GlobalFiler™											
3	[Redacted]											
N7EEK9	PowerPlex® Fusion 6C											
3	[Redacted]											
N8M3X8	GlobalFiler™											
3	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	NR	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested
	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested
	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	NR
NBN7M9	GlobalFiler™											
3	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	NR	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested
	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested
	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	NR
NJJ9PK	Yfiler®, GlobalFiler™											
3		NR	NR	NR	NR	NR	NR	NR	NR	NR		
	NR	NR	NR		NR	NR						
								NR		NR		NR



TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 3 - YSTR Results

NLQZ4X 3	PowerPlex® Fusion 6C	[REDACTED]									
NM4RUU 3	PowerPlex® Fusion 6C	[REDACTED]									
NNQW68 3	PowerPlex® Y 23	-	-	-	-	-	-	-	-	-	-
NT97Z6 3	PowerPlex® Fusion 5C	NR									
NTDKD6 3	PowerPlex® Fusion 6C	[REDACTED]									
NVKXYD 3	GlobalFiler™	NR									
NXLDW3 3	Investigator® 24plex QS	[REDACTED]									
PFMB46 3	PowerPlex® Fusion 6C	[REDACTED]									
PH24MJ 3	PowerPlex® Fusion	Not Detected									
PJDQBY 3	GlobalFiler™	--									
PQTNK4 3	Yfiler®	-	-	-	-	-	-	-	-	-	-

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 3 - YSTR Results

PX2K9C	GlobalFiler™										
3											NR
[Redacted]											
											NR
PX3MRP	PowerPlex® Fusion										
3											NR
[Redacted]											
				NR			NR				
Q39RQ3	Yfiler®, GlobalFiler™										
3	n/a	no results	no results	no results	no results	no results	no results	no results	no results	no results	no results
[Redacted]											
[Redacted]											
[Redacted]											
[Redacted]											
[Redacted]											
[Redacted]											
Q3KNXR	GlobalFiler™										
3											
[Redacted]											
Q3QGB9	PowerPlex® Fusion 6C										
3											NR
[Redacted]											
				NR			NR				
Q4GFE	GlobalFiler™										
3											NR
[Redacted]											
											NR
Q7MBQW	GlobalFiler™										
3											NR
[Redacted]											
											NR
QAP344	GlobalFiler™										
3											
[Redacted]											
[Redacted]											
QG6YTB	GlobalFiler™										
3											
[Redacted]											
[Redacted]											
QLLGVD	GlobalFiler™										
3											No Results
[Redacted]											
											No Results
QP4ENA	PowerPlex® Fusion 6C										
3											
[Redacted]											

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 3 - YSTR Results

QQULRT	PowerPlex® Fusion 6C										
3	NR										
	NR NR										
QXAD4D	PowerPlex® Fusion 6C										
3											
R378Q7	PowerPlex® Y 23										
3	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR		NR	NR	NR		NR
R4G633	PowerPlex® Fusion 6C										
3											
R7YXR6											
3	NA	NA	NA	NA	NA	NA	NR	NA	NA	NA	
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR
RFTEQR	GlobalFiler™										
3											
RK86X9	GlobalFiler™										
3	NR										
	NR										
RPHZXB	GlobalFiler™										
3											
RQM6WR	GlobalFiler™										
3											
RUPRPV	Yfiler®										
3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	NA	NA	NA	NA	NA	NA					
								NA		NA	
T63AWT	Yfiler®										
3											

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 3 - YSTR Results

T8772U	Yfiler®									
3		---	---	---	---	---	---	---	---	---
<hr/>										
TECWRE	PowerPlex® Fusion									
3								ND		
<hr/>										
TP7828	GlobalFiler™									
3								NR		
<hr/>										
UKE7T7	PowerPlex® Fusion 6C									
3								NR		
<hr/>										
ULMJWZ	GlobalFiler™									
3										NR
<hr/>										
UMHV6M	PowerPlex® Fusion									
3								ND		
<hr/>										
V43BDB	GlobalFiler™									
3								-		
<hr/>										
VL4WDB	GlobalFiler™									
3										
<hr/>										
VLL2FG	GlobalFiler™									
3								ND		
<hr/>										
VQ2FF9	GlobalFiler™									
3								No Results		
<hr/>										
VTLJVT	GlobalFiler™									
3								no results		
<hr/>										
										no results

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 3 - YSTR Results

VUYYFL	Yfiler®, PowerPlex® Fusion 6C									
3	[REDACTED]									
W7BKKZ	GlobalFiler™									
3	[REDACTED]						NR			
	NR									
WUR4G9	PowerPlex® Fusion 6C									
3	[REDACTED]									
WW96VW	PowerPlex® Fusion 6C									
3	[REDACTED]									
WZJAB3	GlobalFiler™									
3	[REDACTED]						NR			
	NR									
X8WQCB	PowerPlex® Fusion 6C									
3	[REDACTED]									
X8ZDQ4	PowerPlex® Fusion 6C									
3	[REDACTED]									
XA2H4N	PowerPlex® Fusion 6C									
3	[REDACTED]						NR			
	NR		NR							
XBKZMX	PowerPlex® Fusion 6C									
3	-	-	-	-	-	-	No Peaks	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	No Peaks	No Peaks	-	-	-	-	-
XC8VXJ	PowerPlex® Fusion									
3	[REDACTED]									
	not detected									
XK64CH	Yfiler®									
3	[REDACTED]									
	-	-	-	-	-	-	-	-	-	-

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 3 - YSTR Results

XPBXZ8	GlobalFiler™										
3	NR										
[Redacted]											
NR											
XQ9FMM	PowerPlex® Fusion 6C (3 loci - DYS391, DYS570, DYS576)										
3	NR										
[Redacted]											
NR NR											
XURJ8D	Yfiler® Plus										
3	[Redacted]										
XZDGV2	PowerPlex® Fusion 6C										
3	[Redacted]										
Y7L4H3	GlobalFiler™										
3	NR										
[Redacted]											
NR											
YJPH8E	GlobalFiler™										
3	[Redacted]										
YPRM6Q	GlobalFiler™										
3	[Redacted]										
YU8DBK	PowerPlex® Fusion 6C										
3	NR										
[Redacted]											
NR NR											
YX268W	PowerPlex® Fusion 5C										
3	NA	NA	NA	NA	NA	NA	NR/NE	NA	NA	NA	
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
YYDZVA	PowerPlex® Fusion										
3	Not Detected										
[Redacted]											
Z44GZM	Yfiler®										
3	-	-	-	-	-	-	-	-	-	-	-
[Redacted]											
-											

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 3 - YSTR Results

Z6Z8VT	GlobalFiler™										
3		No results									
No results											
Z7EH3Y	PowerPlex® Fusion										
3		NR									
ZBC23C	PowerPlex® Fusion 6C										
3											
ZWEQWT	PowerPlex® Fusion 6C										
3											

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 4 - YSTR Results

22VQAJ	PowerPlex® Fusion Fusion 6C															
4										9						
										18	17					
24E3NE	Yfiler®, PowerPlex® Fusion															
4	17	11,12	14	29	24	9	11	13	15							
	10	12	21		14	17										
										21	11					
27C2BT	Yfiler®, PowerPlex® Fusion 6C															
4	17	11,12	14	29	24	9	11	13	15							
	10	12	21		14	17										
										18	17					
2AU4RY	GlobalFiler™															
4										9						
											2					
2B4E3A	PowerPlex® Fusion 6C															
4										9						
										18	17					
2BMC79	Yfiler® Plus, GlobalFiler™															
4	35,38	17	11,12	14	29	24	9	11	13	15						
	10	12	21	29	14	17	10	23		34						
										12	18	17	20	21	11	2
2C3F92	PowerPlex® Fusion Fusion 6C															
4										9						
										18	17					
2GBWAP	PowerPlex® Y 23															
4	17	11,12	14	29	24	9	11	13	15							
	10	12	21		14	17		23								
										12	9	18	17	21	12	11
2KCPU9	PowerPlex® Fusion 6C															
4										9						
										18	17					
2MBELF	Yfiler®, GlobalFiler™															
4	17	11,12	14	29	24	9	11	13	15							
	10	12	21		14	17										
										21	11	2				
2QFTK8	PowerPlex® Fusion 6C															
4										9						
										18	17					





TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 4 - YSTR Results

372YUK	Yfiler®, GlobalFiler™, PowerPlex® Fusion 6C									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
			18	17			21		11	2
37KKNV	PowerPlex® Y 23, GlobalFiler™, PowerPlex® Fusion 6C									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17		23			
		12	9	18	17		21	12	11	2
39VHDY	GlobalFiler™									
4						9				
										2
39Y6TR	Yfiler® Plus									
4	35,38	17	11,12	14	29	24	9	11	13	15
	10	12	21	29	14	17	10	23	34	
		12		18	17		20	21	11	
3B4L2V	Yfiler®, GlobalFiler™									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
							21		11	2
3DAZQA	PowerPlex® Y 23, PowerPlex® Fusion 6C									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17		23			
		12	9	18	17		21	12	11	
3EJZHA	PowerPlex® Y 23									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17		23			
		12	9	18	17		21	12	11	
3G6J9T	PowerPlex® Y 23									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17		23			
		12	9	18	17		21	12	11	
3H29UF	Yfiler®									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
							21		11	
3HC264	Yfiler®, PowerPlex® Fusion									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
							21		11	
3HFWWG	PowerPlex® Fusion Fusion 6C									
4						9				
			18	17						

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 4 - YSTR Results

3J28B4	Investigator® 24plex										
4											9
3QQ7D9 Yfiler® Plus, GlobalFiler™											
4	35,38	17	11,12	14	29	24	9	11	13	15	
	10	12	21	29	14	17	10	23		34	
		12		18	17		20	21		11	2
3QTMKF Yfiler®, PowerPlex® Fusion											
4		17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17					
								21		11	
3R6KUQ Yfiler®, PowerPlex® Fusion 5C											
4	NA	17	11,12	14	29	24	9	11	13	15	
	10	12	21	NA	14	17	NA	NA	NA	NA	
	NA	NA	NA	NA	NA	NA	NA	21	NA	11	NA
3RLRZ9 PowerPlex® Y Y23											
4		17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23			
		12	9	18	17			21	12	11	
3TZZ7M Yfiler®											
4	N/A	17	11,12	14	29	24	9	11	13	15	
	10	12	21	N/A	14	17	N/A	N/A	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	21	N/A	11	N/A
3VLZ74 Yfiler®											
4		17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17					
								21		11	
3WLME3											
4											9
											2
3XU2JM GlobalFiler™											
4											9
											2
3YUUL2 PowerPlex® Fusion Fusion6C											
4											9
											18
											17
3YVRWX GlobalFiler™											
4											9
											2

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 4 - YSTR Results

3Z3E2P	PowerPlex® Fusion 5C										
4											9
44FEZ2	GlobalFiler™										
4											9
											2
44WJ6T	PowerPlex® Y Y23										
4		17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23			
		12	9	18	17			21	12	11	
467Q8L	GlobalFiler™										
4											9
											2
46TXU8	Yfiler® Plus, GlobalFiler™										
4	35,38	17	11,12	14	29	24	9	11	13	15	
	10	12	21	29	14	17	10	23		34	
		12		18	17		20	21		11	2
49L7RL	Yfiler®										
4	n/a	17	11,12	14	29	24	9	11	13	15	
	10	12	21	n/a	14	17	n/a	n/a	n/a	n/a	
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	21	n/a	11	n/a
4AMX6L	PowerPlex® Y 23										
4		17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23			
		12	9	18	17			21	12	11	
4K79KE	Yfiler®, GlobalFiler™										
4		17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17					
								21		11	2
4MPKYB	GlobalFiler™										
4											9
											2
4RFCBT	GlobalFiler™										
4	NA	NA	NA	NA	NA	NA	9	NA	NA	NA	
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2
4RKC78	Yfiler®										
4		17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17					
								21		11	

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 4 - YSTR Results

4V9EMU	Yfiler®										
4		17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17					
								21		11	
4WATHX	PowerPlex® Fusion 6C										
4							9				
				18	17						
4WX7C6	PowerPlex® Y 23, PowerPlex® Fusion 6C										
4		17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23			
		12	9	18	17			21	12	11	
4YM6WV	GlobalFiler™										
4							9				
											2
63VX3L	GlobalFiler™										
4							9				
											2
67EH33	Yfiler®										
4		17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17					
								21		11	
67GQ6F	GlobalFiler™										
4							9				
											2
694FEL	GlobalFiler™										
4							9				
											2
69LHWU	PowerPlex® Y Y23, PowerPlex® Fusion 6C										
4		17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23			
		12	9	18	17			21	12	11	
6AW8DK	Yfiler®										
4	N/A	17	11,12	14	29	24	9	11	13	15	
	10	12	21	N/A	14	17	N/A	N/A	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	21	N/A	11	N/A
6C4MKQ	PowerPlex® Y 23, GlobalFiler™, PowerPlex® Fusion 6C										
4		17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23			
		12	9	18	17			21	12	11	2

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 4 - YSTR Results

6HTBAU	GlobalFiler™									
4	9									2
6J48ML	Yfiler®									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
							21		11	
6J6CFW	GlobalFiler™									
4	9									2
6KHEBN	Yfiler®									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
							21		11	
6L8XT2	GlobalFiler™									
4	9									2
6NMWTH	Yfiler® Plus									
4	35,38	17	11,12	14	29	24	9	11	13	15
	10	12	21	29	14	17	10	23		34
		12		18	17		20	21		11
6PEYBR	Yfiler®									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
							21		11	
6PTFFT	PowerPlex® Y 23									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17			23		
		12	9	18	17		21	12	11	
6U2FJQ	Yfiler®, PowerPlex® Y 23									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17			23		
		12	9	18	17		21	12	11	
6UBGVY	GlobalFiler™									
4	9									2
6X93M2	PowerPlex® Fusion Fusion 6C									
4	9									
			18	17						

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 4 - YSTR Results

6YJ3JV	GlobalFiler™										
4							9				2
6YXFYR	Yfiler®, GlobalFiler™										
4	17	11,12	14	29	24	9	11	13	15		
	10	12	21		14	17			21	11	2
6ZB9VF	Yfiler®, PowerPlex® Fusion 6C										
4	17	11,12	14	29	24	9	11	13	15		
	10	12	21		14	17			21	11	
747G4U	GlobalFiler™										
4							9				2
7BBXDG	Yfiler®										
4	17	11,12	14	29	24	9	11	13	15		
	10	12	21		14	17			21	11	
7DPV6C	Yfiler®										
4	17	11,12	14	29	24	9	11	13	15		
	10	12	21		14	17			21	11	
7EQLFZ	GlobalFiler™										
4							9				2
7EU6JV	PowerPlex® Fusion Fusion 6C										
4							9				
				18	17						
7KT7RR	GlobalFiler™										
4	N/A	N/A	N/A	N/A	N/A	N/A	9	N/A	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2
7M2XG6	Yfiler® Plus, GlobalFiler™										
4	35,38	17	11,12	14	29	24	9	11	13	15	
	10	12	21	29	14	17	10	23		34	
			12	18	17			20	21	11	2
7MJRD9	Yfiler® Plus, GlobalFiler™										
4	35,38	17	11,12	14	29	24	9	11	13	15	
	10	12	21	29	14	17	10	23		34	
			12	18	17			20	21	11	2

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 4 - YSTR Results

7MMFTQ	GlobalFiler™									
4										9
2										
7NF63L	PowerPlex® Y Y23									
4	17	11,12	14	29	24	9	11	13	15	
10 12 21 14 17 23										
	12	9	18	17			21	12	11	
7PDL8W	PowerPlex® Y 23, GlobalFiler™									
4	17	11,12	14	29	24	9	11	13	15	
10 12 21 14 17 23										
	12	9	18	17			21	12	11	2
7RFGXL	Yfiler®, GlobalFiler™									
4	NT	17	11,12	14	29	24	9	11	13	15
10 12 21 NT 14 17 NT NT NT NT										
	NT	NT	NT	NT	NT	NT	NT	21	NT	11 2
7RRD4Q	PowerPlex® Y Y23									
4	17	11,12	14	29	24	9	11	13	15	
10 12 21 14 17 23										
	12	9	18	17			21	12	11	
7TNQT4	Yfiler® Plus, GlobalFiler™									
4	35,38	17	11,12	14	29	24	9	11	13	15
10 12 21 29 14 17 10 23 34										
	12		18	17			20	21	11	2
7UL2LL	GlobalFiler™									
4										9
2										
7UZCCD	PowerPlex® Fusion 6C									
4										9
			18	17						
7X63WZ	GlobalFiler™									
4										9
2										
7ZRJ8T	PowerPlex® Y 23									
4	17	11,12	14	29	24	9	11	13	15	
10 12 21 14 17 23										
	12	9	18	17			21	12	11	
82G9UT	Yfiler®									
4	17	11,12	14	29	24	9	11	13	15	
10 12 21 14 17										
								21	11	



TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 4 - YSTR Results

86KVTH	Yfiler®									
4		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17				
								21		11
86WTPL	GlobalFiler™									
4							9			
										2
879LNU	Yfiler® Plus, GlobalFiler™									
4	35,38	17	11,12	14	29	24	9	11	13	15
	10	12	21	29	14	17	10	23		34
		12		18	17		20	21		11
										2
87QJVZ	PowerPlex® Fusion									
4							9			
89XWG9	PowerPlex® Y 23									
4		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17		23		
		12	9	18	17			21	12	11
8BZUPF	PowerPlex® Fusion 5C									
4							9			
8GNNGL	PowerPlex® Y 23, GlobalFiler™									
4		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17		23		
		12	9	18	17			21	12	11
										2
8H2QE2	GlobalFiler™									
4							9			
										2
8JXPME	GlobalFiler™									
4							9			
										2
8M2BNX	PowerPlex® Y 23									
4		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17		23		
		12	9	18	17			21	12	11
8M4Y8W	PowerPlex® Y 23, GlobalFiler™									
4		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17		23		
		12	9	18	17			21	12	11
										2

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 4 - YSTR Results

8NU6JG	GlobalFiler™										
4										9	
											2
8RCDLM	GlobalFiler™										
4										9	
											2
8RPR6P	GlobalFiler™, PowerPlex® Fusion 6C										
4										9	
											2
8T64R2	PowerPlex® Y 23, PowerPlex® Fusion										
4	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17	23					
	12	9	18	17	21	12	11				
8TJQ4N	PowerPlex® Fusion 6C										
4										9	
											2
8TNWZQ	PowerPlex® Fusion 6C										
4	35,38	17	11,12	14	29	24	9	11	13	15	
	10	12	21	29	14	17	10	23	34		
	12	18	17	20	21	11					
8W3QJ4	PowerPlex® Y Y23										
4	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17	23					
	12	9	18	17	21	12	11				
8WNC2L	GlobalFiler™										
4										9	
											2
8WUF3R	GlobalFiler™										
4										9	
											2
8YAFTM	Yfiler®, PowerPlex® Fusion										
4	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17	21	11	11			
8ZLQQW	PowerPlex® Y 23										
4	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17	23					
	12	9	18	17	21	12	11				

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 4 - YSTR Results

93TJ8G	PowerPlex® Y 23									
4		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17		23		
		12	9	18	17			21	12	11
96FZKV	PowerPlex® Fusion 6C									
4							9			
				18	17					
98ZYNR	Yfiler® Plus, GlobalFiler™									
4	35,38	17	11,12	14	29	24	9	11	13	15
	10	12	21	29	14	17	10	23		34
		12		18	17		20	21		11 2
9A4TBB	Yfiler®									
4		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17				
								21		11
9A93KP	Yfiler® Plus, PowerPlex® Fusion 6C									
4	35,38	17	11,12	14	29	24	9	11	13	15
	10	12	21	29	14	17	10	23		34
		12		18	17		20	21		11
9BZ4L7	GlobalFiler™									
4							9			
										2
9D6RNP	PowerPlex® Y 23, GlobalFiler™									
4		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17		23		
		12	9	18	17			21	12	11 2
9DQ8GY	GlobalFiler™									
4							9			
										2
9H36TR	GlobalFiler™									
4							9			
										2
9H48C6	GlobalFiler™									
4							9			
										2
9K2NBR	PowerPlex® Y 23, PowerPlex® Fusion 5C									
4		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17		23		
		12	9	18	17			21	12	11

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 4 - YSTR Results

9MCD7P	PowerPlex® Fusion									
4	9									
	18 17									
9P33CJ	PowerPlex® Y 23 System									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17	23				
	12	9	18	17		21	12	11	2	
9ZK6PP	PowerPlex® Y 23									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17	23				
	12	9	18	17		21	12	11		
A2UKLM	Yfiler®									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
							21		11	
A37CGP	PowerPlex® Fusion 6C									
4	N/A	N/A	N/A	N/A	N/A	N/A	9	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	18	17	N/A	N/A	N/A	N/A	N/A
A6CX9W	PowerPlex® Fusion FUSION 6C									
4	9									
	18 17									
A734M2	PowerPlex® Fusion 6C									
4	9									
	18 17									
A8DUM6	PowerPlex® Fusion									
4	9									
A9T8F9	PowerPlex® Fusion 6C									
4	9									
	18 17									
AAFBL	PowerPlex® Fusion 6C									
4	9									
	18 17									
ABJ47N	Yfiler® Plus									
4	35,38	17	11,12	14	29	24	9	11	13	15
	10	12	21	29	14	17	10	23	34	
		12		18	17		20	21	11	

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 4 - YSTR Results

ACPXFT	PowerPlex® Y 23										
4	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17	23					
	12	9	18	17		21	12	11			
AFP43K	Yfiler®, PowerPlex® Fusion 5C										
4	NA	17	11,12	14	29	24	9	11	13	15	
	10	12	21	NA	14	17	NA	NA	NA	NA	
	NA	NA	NA	NA	NA	NA	NA	21	NA	11	NA
AJWDCV	PowerPlex® Fusion 6C										
4						9					
			18	17							
AK4RN4	PowerPlex® Y 23										
4	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17	23					
	12	9	18	17		21	12	11			
AKMF7X	PowerPlex® Y 23										
4	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17	23					
	12	9	18	17		21	12	11			
ANHBKQ	Yfiler®										
4	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17						
							21		11		
APC4FA	Yfiler® Plus										
4	35,38	17	11,12	14	29	24	9	11	13	15	
	10	12	21	29	14	17	10	23		34	
		12		18	17		20	21		11	
AVLB4T	PowerPlex® Fusion 6C										
4						9					
			18	17							
AWD8V9	Yfiler® Plus, GlobalFiler™										
4	35,38	17	11,12	14	29	24	9	11	13	15	
	10	12	21	29	14	17	10	23		34	
		12		18	17		20	21		11	2
AXWWAM	PowerPlex® Fusion 6C										
4						9					
			18	17							
AYKPRJ	GlobalFiler™										
4						9					
											2

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 4 - YSTR Results

AZA38F	Yfiler®											
4	N/A	17	11,12	14	29	24	9	11	13	15		
	10	12	21	N/A	14	17	N/A	N/A	N/A	N/A		
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	21	N/A	11	N/A	
AZX7ZQ	PowerPlex® Fusion											
4							9					
B2LWNF	Yfiler®, PowerPlex® Fusion 5C											
4	NA	17	11,12	14	29	24	9	11	13	15		
	10	12	21	NA	14	17	NA	NA	NA	NA		
	NA	NA	NA	NA	NA	NA	NA	21	NA	11	NA	
B3EZ39	GlobalFiler™											
4							9					
											2	
B8BPL2	Yfiler®											
4		17	11,12	14	29	24	9	11	13	15		
	10	12	21		14	17						
								21				11
B8D8RD	GlobalFiler™											
4							9					
											2	
B8UTN4	Yfiler®, GlobalFiler™											
4		17	11,12	14	29	24	9	11	13	15		
	10	12	21		14	17						
								21				11
											2	
BC78AE	Yfiler®, ForenSeq™											
4		17	11,12	14	29	24	9	11	13	15		
	10	12	21		14	17						
								21				11
BGZF79	GlobalFiler™											
4							9					
											2	
BJ7KYW	GlobalFiler™											
4							9					
											2	
BNJCGB	Yfiler®											
4		17	11,12	14	29	24	9	11	13	15		
	10	12	21		14	17						
								21				11

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 4 - YSTR Results

BQZHBK	GlobalFiler™									
4	N/A	N/A	N/A	N/A	N/A	N/A	9	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
										2
BRLDFL	Yfiler®, GlobalFiler™									
4		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17				
								21		11
										2
BRM3QB	Yfiler®, PowerPlex® Fusion 6C									
4		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17				
				18	17			21		11
BU2ZH7	Yfiler®, PowerPlex® Fusion									
4		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17				
								21		11
BUKV98	GlobalFiler™									
4							9			
										2
BWT3F8	Yfiler®									
4		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17				
								21		11
BX3488	Yfiler®, PowerPlex® Fusion									
4		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17				
								21		11
BX7H72	Yfiler®, PowerPlex® Fusion									
4		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17				
								21		11
BYT82E	GlobalFiler™									
4							9			
										2
C24BLH	GlobalFiler™									
4							9			
										2
C2XB9V	GlobalFiler™									
4							9			
										2

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 4 - YSTR Results

C4CG6X	Yfiler®									
	4	17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17				
								21		11
C8PBTH	Yfiler®, PowerPlex® Fusion 6C									
	4	17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17				
				18	17			21		11
C93U4Z	Yfiler®									
	4	17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17				
								21		11
CAVX7M	PowerPlex® Y Y23									
	4	17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17		23		
		12	9	18	17			21	12	11
CB6UP6	Yfiler®, PowerPlex® Fusion									
	4	17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17				
								21		11
CB9C6G	PowerPlex® Fusion 6C									
	4						9			
				18	17					
CBP24H	Yfiler®, PowerPlex® Fusion									
	4	17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17				
								21		11
CC6WRG	Yfiler®, GlobalFiler™									
	4	17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17				
								21		11 2
CCD3UJ	Yfiler®, PowerPlex® Y 23, GlobalFiler™, PowerPlex® Fusion 6C									
	4	17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17		23		
		12	9	18	17			21	12	11 2
CEVTHV	PowerPlex® Fusion 6C									
	4						9			
				18	17					
CGZJMQ	GlobalFiler™									
	4						9			
										2



TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 4 - YSTR Results

CMJP66	Yfiler®, PowerPlex® Fusion 5C									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
							21		11	
CPBPG9	Yfiler®									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
							21		11	
CVALRR	Yfiler®, PowerPlex® Fusion 6C									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
			18	17			21		11	
CW8YDY	PowerPlex® Y Y23									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17		23			
		12	9	18	17		21	12	11	
CX2ET3	PowerPlex® Y 23									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17		23			
		12	9	18	17		21	12	11	
D4NK9N	Yfiler® Plus, GlobalFiler™									
4	35,38	17	11,12	14	29	24	9	11	13	15
	10	12	21	29	14	17	10	23	34	
		12		18	17		20	21	11	2
D93D8U	PowerPlex® Fusion 6C									
4						9				
				18	17					
DBL9T9	Yfiler®									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
							21		11	
DCCHT3	Yfiler®									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
							21		11	2
DD9Y6Y	Yfiler®									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
							21		11	
DG8EDM	GlobalFiler™									
4						9				
										2

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 4 - YSTR Results

DJDY2M										
4										9
2										
DQRPH8	Yfiler®, GlobalFiler™									
4	17	11,12	14	29	24	9	11	13	15	
10 12 21 14 17										
								21	11	2
DR9WTV	Yfiler® plus, GlobalFiler™									
4	35,38	17	11,12	14	29	24	9	11	13	15
10 12 21 29 14 17 10 23 34										
				18	17	20	21	11	2	
DX4BBD	Yfiler® Plus									
4	35,38	17	11,12	14	29	24	9	11	13	15
10 12 21 29 14 17 10 23 34										
				18	17	20	21	11		
DYLZQH	PowerPlex® Y 23, GlobalFiler™, PowerPlex® Fusion 6C									
4	17	11,12	14	29	24	9	11	13	15	
10 12 21 14 17 23										
		12	9	18	17	21	12	11	2	
E2QM4L	Yfiler®									
4	17	11,12	14	29	24	9	11	13	15	
10 12 21 14 17										
								21	11	
E2RHPD	Yfiler®									
4	17	11,12	14	29	24	9	11	13	15	
10 12 21 14 17										
								21	11	
E2WYZJ	PowerPlex® Fusion 6C									
4										9
				18	17					
E6RFQD	PowerPlex® Y 23 System									
4	17	11,12	14	29	24	9	11	13	15	
10 12 21 14 17 23										
		12	9	18	17	21	12	11	2	
EA7DYE	Investigator® 24plex									
4										9
EAMLM9	GlobalFiler™									
4										9
2										

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 4 - YSTR Results

ECFFPJ	PowerPlex® Y Y23									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17	23				
	12	9	18	17		21	12	11		
EGQHM9	Yfiler®, GlobalFiler™									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
							21		11	2
EGTDZC	PowerPlex® Y 23, PowerPlex® Fusion 6C									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17	23				
	12	9	18	17		21	12	11		
ELLF3Q	GlobalFiler™									
4						9				
										2
EN83LE	Yfiler®									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
							21		11	
ENAUNF	Yfiler®									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
							21		11	
EPG4QK	Yfiler®									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
							21		11	
EPVMD4	Yfiler®									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
							21		11	2
ERKYAN	PowerPlex® Fusion 6C									
4						9				
			18	17						
ETDVC4	Yfiler®									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
							21		11	
EUCRCY	Yfiler®									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
							21		11	

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 4 - YSTR Results

EUT7E3	Yfiler®, GlobalFiler™									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
								21	11	2
F262ZH	PowerPlex® Y 23 System									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23		
		12	9	18	17			21	12	11
										2
F2RT6G	PowerPlex® Fusion 6C									
4						9				
				18	17					
F794CJ	GlobalFiler™									
4						9				
										2
F7BRVH	PowerPlex® Fusion									
4						9				
				18	17					
F8CPDJ	Yfiler® Plus									
4	35,38	17	11,12	14	29	24	9	11	13	15
	10	12	21	29	14	17	10	23		34
		12		18	17		20	21		11
										2
F9KABC	Yfiler®, PowerPlex® Fusion 5C									
4	NA	17	11,12	14	29	24	9	11	13	15
	10	12	21	NA	14	17	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	21	NA	11
										NA
FGHVM7	GlobalFiler™									
4						9				
										2
FKGF4B	Yfiler®									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
								21	11	
FMUKL8	Yfiler® Plus									
4	35,38	17	11,12	14	29	24	9	11	13	15
	10	12	21	29	14	17	10	23		34
		12		18	17		20	21		11
FMVM2D	Yfiler®, GlobalFiler™									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
								21	11	2

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 4 - YSTR Results

FNLTEH	GlobalFiler™										
4											9
											2
FV2XBJ	PowerPlex® Y 23 System										
4	17	11,12	14	29	24	9	11	13	15		
											10
	12	21		14	17		23				
	12	9	18	17			21	12	11	2	
FWZRVF	PowerPlex® Fusion 6C										
4											9
											18
											17
FXEYGW	PowerPlex® Fusion 6C										
4											9
											18
											17
G2HK7D	Yfiler®, PowerPlex® Fusion 5C										
4	NA	17	11,12	14	29	24	9	11	13	15	
											10
	12	21	NA	14	17	NA	NA	NA	NA	NA	
	NA	NA	NA	NA	NA	NA	NA	21	NA	11	NA
G3VYW8	Yfiler®, GlobalFiler™										
4	17	11,12	14	29	24	9	11	13	15		
											10
	12	21		14	17			21	11	2	
G48P4Q	GlobalFiler™										
4											9
											2
G76YBF	PowerPlex® Fusion 6C										
4											9
											18
											17
G8WV4F	GlobalFiler™										
4											9
											2
GA3KXC	Yfiler®, GlobalFiler™										
4	17	11,12	14	29	24	9	11	13	15		
											10
	12	21		14	17			21	11	2	
GBPDLY	PowerPlex® Fusion										
4											9
											2

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 4 - YSTR Results

GBRZ6Y	PowerPlex® Y 23									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17		23			
	12	9	18	17			21	12	11	
GBTQCG	GlobalFiler™									
4	9									
	2									
GD4JGG										
4	9									
	2									
GF4VXP	Yfiler®									
4	-	17	11,12	14	29	24	9	11	13	15
	10	12	21	-	14	17	-	-	-	-
	-	-	-	-	-	-	-	21	-	11
GG28TH	PowerPlex® Fusion									
4	9									
	2									
GHDMLX	Yfiler®, PowerPlex® Fusion 6C									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
			18	17			21		11	
GJ6UGU	Yfiler® Plus, GlobalFiler™									
4	35,38	17	11,12	14	29	24	9	11	13	15
	10	12	21	29	14	17	10	23		34
		12		18	17		20	21	11	2
GKFP68										
4	9									
	2									
GKXX9	GlobalFiler™									
4	9									
	2									
GLXYM	PowerPlex® Fusion 6C									
4	9									
	18 17									
GM3DG8	PowerPlex® Y 23									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17		23			
	12	9	18	17			21	12	11	

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 4 - YSTR Results

GMDVUE	PowerPlex® Fusion 6C											
4											9	
											18	17
GQJRXL	PowerPlex® Fusion											
4											9	
GREZVR	Yfiler®											
4	N/T	17	11,12	14	29	24	9	11	13	15		
	10	12	21	N/T	14	17	N/T	N/T	N/T	N/T		
	N/T	N/T	N/T	N/T	N/T	N/T	N/T	21	N/T	11	N/T	
GV4K79	GlobalFiler™											
4											9	
											2	
GWDJLB	PowerPlex® Fusion 6C											
4											9	
											18	17
GWRBWE	PowerPlex® Fusion 5C, 6C											
4											9	
											18	17
GX6A8B	Yfiler®											
4		17	11,12	14	29	24	9	11	13	15		
	10	12	21		14	17						
								21		11		
GYZ8XB												
4											9	
GZ9JED	GlobalFiler™											
4											9	
											2	
H3A3JY	Yfiler®, PowerPlex® Fusion											
4		17	11,12	14	29	24	9	11	13	15		
	10	12	21		14	17						
								21		11		
H47CZV	Yfiler® Plus											
4	35,38	17	11,12	14	29	24	9	11	13	15		
	10	12	21	29	14	17	10	23		34		
		12		18	17		20	21		11	2	

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 4 - YSTR Results

H9JRCM	GlobalFiler™										
4											9
											2
HDYDPL	PowerPlex® Y 23, PowerPlex® Fusion 5C										
4	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17	23					
	12	9	18	17	21	12	11				
HFLAT6	PowerPlex® Fusion										
4											9
											2
HGE4UF	PowerPlex® Y 23										
4	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17	23					
	12	9	18	17	21	12	11				
HHTKTF	GlobalFiler™										
4											9
											2
HHUH4B	PowerPlex® Fusion 6C										
4											9
											18
											17
HL9ZFZ	Yfiler®										
4	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17						
											21
											11
HLN7T6	GlobalFiler™										
4											9
											2
HNEK32	Yfiler®										
4	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17						
											21
											11
HPURMW	Yfiler®										
4	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17						
											21
											11
HYTDLG	Yfiler® Plus, GlobalFiler™										
4	35,38	17	11,12	14	29	24	9	11	13	15	
	10	12	21	29	14	17	10	23	-	34	
	-	12	-	18	17	-	20	21	-	11	2



TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 4 - YSTR Results

J23ZRL	PowerPlex® Fusion 6C									
4										9
18 17										
J6KXM4	Yfiler® Plus									
4	35,38	17	11,12	14	29	24	9	11	13	15
10 12 21 29 14 17 10 23 34										
12 18 17 20 21 11										
J6LWGC	PowerPlex® Fusion 6C									
4										9
18 17										
J8ZQZP	PowerPlex® Fusion 5C									
4										9
JABET3	PowerPlex® Fusion 6C									
4										9
18 17										
JB8RHF	GlobalFiler™									
4										9
2										
JH4P3X	Yfiler®									
4	17	11,12	14	29	24	9	11	13	15	
10 12 21 14 17										
21 11										
JJWXU	Yfiler® plus, GlobalFiler™									
4	35,38	17	11,12	14	29	24	9	11	13	15
10 12 21 29 14 17 10 23 34										
12 18 17 20 21 11 2										
JKFG27	PowerPlex® Y 23									
4	17	11,12	14	29	24	9	11	13	15	
10 12 21 14 17 23										
12 9 18 17 21 12 11										
JLLTQU	Yfiler®									
4	17	11,12	14	29	24	9	11	13	15	
10 12 21 14 17										
21 11										
JNCVWH	Yfiler® Plus, GlobalFiler™									
4	35,38	17	11,12	14	29	24	9	11	13	15
10 12 21 29 14 17 10 23 34										
12 18 17 20 21 11 2										



TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 4 - YSTR Results

K4GYGZ	Yfiler®, PowerPlex® Fusion 6C									
4		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17				
				18	17			21		11

K6EC28										
4							9			

K7CBM2	Yfiler® Plus									
4	35,38	17	11,12	14	29	24	9	11	13	15
	10	12	21	29	14	17	10	23		34
		12		18	17		20	21		11

K8ZZHE	PowerPlex® Fusion 6C									
4							9			
				18	17					

K9BXTB	Yfiler®									
4		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17				
								21		11

K9HVB2	GlobalFiler™									
4							9			
										2

KANGP2										
4							9			
										2

KBEM2K	GlobalFiler™									
4							9			
										2

KJRMNA	GlobalFiler™									
4							9			
										2

KKTDXX	PowerPlex® Fusion 6C									
4							9			
				18	17					

KKZTW4	PowerPlex® Y 23									
4		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17		23		
		12	9	18	17			21	12	11

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 4 - YSTR Results

KMNUQD	PowerPlex® Y 23 System										
4	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17	23					
	12	9	18	17		21	12	11	2		
KN32EF	Yfiler® Plus										
4	35,38	17	11,12	14	29	24	9	11	13	15	
	10	12	21	29	14	17	10	23	34		
	12		18	17		20	21	11			
KQE9Y3	Yfiler®, PowerPlex® Fusion 6C										
4	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17						
			18	17			21		11		
KTFCF3											
4										9	
											2
KTNF6F	PowerPlex® Fusion 6C										
4										9	
											18
											17
KV3ANU	Yfiler® Yfiler Plus										
4	35,38	17	11,12	14	29	24	9	11	13	15	
	10	12	21	29	14	17	10	23	34		
	12		18	17		20	21		11	2	
KXU3P4	Yfiler®										
4	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17						
										21	
										11	
KVXVBV	PowerPlex® Fusion										
4										9	
L36LEP	Investigator® 24plex										
4										9	
											2
L3QVNT	GlobalFiler™										
4										9	
											2
LALXP6	GlobalFiler™										
4										9	
											2

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 4 - YSTR Results

LB2AE2	Yfiler®									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
								21		11
LBWQGX	GlobalFiler™									
4						9				
										2
LC8T4W	GlobalFiler™									
4						9				
										2
LCC44A	Yfiler®, GlobalFiler™									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
								21		11 2
LD2JAB	PowerPlex® Y 23									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23		
		12	9	18	17			21	12	11
LFBF9M	PowerPlex® Fusion 6C									
4						9				
				18	17					
LFTL6R	Yfiler®									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
								21		11
LGJRJW	Yfiler®									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
								21		11
LGPUJ3	Yfiler®									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
								21		11
LK22L3	Yfiler®, GlobalFiler™									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
								21		11 2
LMR7DE	Yfiler® Plus, GlobalFiler™									
4	35,38	17	11,12	14	29	24	9	11	13	15
	10	12	21	29	14	17	10	23		34
		12		18	17		20	21		11 2

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 4 - YSTR Results

LPB9YZ	Yfiler®										
4	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17						
								21		11	2
LPUUED	Yfiler®										
4	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17						
								21		11	
LR2Z3D	Yfiler®										
4	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17						
								21		11	
LR6QHE	PowerPlex® Fusion 6C										
4	NA	NA	NA	NA	NA	NA	9	NA	NA	NA	
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	NA	NA	NA	18	17	NA	NA	NA	NA	NA	NA
LR9FKQ	Yfiler®										
4	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17						
								21		11	
LT32EH	GlobalFiler™										
4						9					
											2
LX9VW7	Yfiler®										
4	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17						
								21		11	
LXC9PU	GlobalFiler™										
4						9					
											2
M28236	PowerPlex® Y 23 System										
4	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17			23			
		12	9	18	17			21	12	11	2
M3V6HA	PowerPlex® Y 23, PowerPlex® Fusion 6C & 5C										
4	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17			23			
		12	9	18	17			21	12	11	
M77RQA	Yfiler®										
4	17	11,12	14	29	24	9	11	13	15		
	10	12	21	14	17						
								21		11	

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 4 - YSTR Results

M7W98B	Yfiler®, GlobalFiler™									
4	35,38	17	11,12	14	29	24	9	11	13	15
	10	12	21	29	14	17	10	23	-	34
	-	12	-	18	17	-	20	21	-	11
M8BQBG	PowerPlex® Fusion Fusion 6C									
4	9									
	18									
	17									
M92WPL	Yfiler®									
4	-	17	11,12	14	29	24	9	11	13	15
	10	12	21	-	14	17	-	-	-	-
	-	-	-	-	-	-	-	21	-	11
MNYQT2	Yfiler®									
4		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17				
								21		11
MPQXNY	GlobalFiler™									
4	9									
	2									
MPZJVF	GlobalFiler™									
4	9									
	2									
MQ8Y48	Yfiler® Plus									
4	35,38	17	11,12	14	29	24		11	13	15
		12	21	29	14	17	10	23		34
		12		18	17		20	21		11
MR2V42	GlobalFiler™									
4	9									
	2									
MTBH3F	Yfiler® Plus, GlobalFiler™									
4	35,38	17	11,12	14	29	24	9	11	13	15
	10	12	21	29	14	17	10	23		34
		12		18	17		20	21		11
										2
N4AQ84	PowerPlex® Fusion 6C									
4	9									
	18									
	17									
N6Y9TW	GlobalFiler™									
4	9									
	2									

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 4 - YSTR Results

N7EEK9	PowerPlex® Fusion 6C											
4											9	
											18	17
N8M3X8	GlobalFiler™											
4	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	9	Not Tested	Not Tested	Not Tested	
	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	
	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	2
N9H7LT	Yfiler®, GlobalFiler™											
4		17	11,12	14	29	24	9	11	13	15		
	10	12	21		14	17						
								21		11	2	
NBN7M9	GlobalFiler™											
4	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	9	Not Tested	Not Tested	Not Tested	
	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	
	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	2
NBQAF6	Yfiler®, GlobalFiler™											
4		17	11,12	14	29	24	9	11	13	15		
	10	12	21		14	17						
								21		11	2	
NDRLPQ	Yfiler® Plus											
4	35,38	17	11,12	14	29	24	9	11	13	15		
	10	12	21	29	14	17	10	23		34		
		12		18	17		20	21		11	2	
NDZGKJ	Yfiler®											
4		17	11,12	14	29	24	9	11	13	15		
	10	12	21		14	17						
								21		11		
NJJ9PK	Yfiler®, GlobalFiler™											
4		17	11,12	14	29	24	9	11	13	15		
	10	12	21		14	17						
								21		11	2	
NL6KCA	PowerPlex® Y 23											
4		17	11,12	14	29	24	9	11	13	15		
	10	12	21		14	17		23				
		12	9	18	17			21	12	11		
NLKN82	Yfiler®, PowerPlex® Fusion											
4		17	11,12	14	29	24	9	11	13	15		
	10	12	21		14	17						
								21		11		
NLQZ4X	PowerPlex® Fusion 6C											
4											9	
											18	17



TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 4 - YSTR Results

NM4RUU	PowerPlex® Fusion 6C									
4										9
										18 17
NNQW68	PowerPlex® Y 23									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23		
	12	9	18	17			21	12	11	
NT97Z6	PowerPlex® Y 23, PowerPlex® Fusion 5C									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23		
	12	9	18	17			21	12	11	
NTDKD6	PowerPlex® Y 23, PowerPlex® Fusion 6C									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23		
	12	9	18	17			21	12	11	
NUK6WY	Yfiler®									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
							21		11	
NVKXYD	GlobalFiler™									
4										9
										2
NX7UD7	Yfiler®, GlobalFiler™									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
							21		11	2
NXLDW3	Investigator® 24plex QS									
4										9
NYUAH8	Yfiler®									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
			18	17			21		11	
P6D4N4	Yfiler®									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
							21		11	
PFMB46	PowerPlex® Fusion 6C									
4										9
										18 17

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 4 - YSTR Results

PH24MJ	PowerPlex® Fusion									
4										9
[Redacted]										
2										
PJDQBY	GlobalFiler™									
4										9
[Redacted]										
2										
PNBFKJ	Yfiler® Plus, GlobalFiler™									
4	35,38	17	11,12	14	29	24	9	11	13	15
	10	12	21	29	14	17	10	23	34	
		12		18	17		20	21	11	2
PPHLUY	GlobalFiler™									
4										9
[Redacted]										
2										
PQTNK4	Yfiler®									
4		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17				
								21		11
PUWD7L	PowerPlex® Y 23									
4		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17		23		
		12	9	18	17			21	12	11
PVRTMP	PowerPlex® Y 23									
4		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17		23		
		12	9	18	17			21	12	11
PX2K9C	GlobalFiler™									
4										9
[Redacted]										
2										
PX3MRP	Yfiler®, F6C									
4		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17				
				18	17			21		11
PXDH6G	Yfiler®									
4		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17				
								21		11
PXWZTG										
4		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17				
								21		11

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 4 - YSTR Results

PZ4UQ8	Yfiler®, GlobalFiler™										
4		17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17					
								21		11	2
Q39RQ3	Yfiler®, GlobalFiler™										
4	n/a	17	11,12	14	29	24	9	11	13	15	
	10	12	21	n/a	14	17	n/a	n/a	n/a	n/a	
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	21	n/a	11	2
Q3KNXR	Yfiler®, GlobalFiler™										
4		17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17					
								21		11	2
Q3QGB9	PowerPlex® Fusion 6C										
4							9				
				18	17						
Q4DE48	PowerPlex® Y 23										
4		17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23			
		12	9	18	17			21	12	11	
Q4GFE	GlobalFiler™										
4							9				
											2
Q7MBQW	PowerPlex® Y 23, GlobalFiler™										
4		17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23			
		12	9	18	17			21	12	11	2
QAP344	GlobalFiler™										
4							9				
											2
QFETE6	Yfiler®										
4		17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17					
								21		11	
QG6YTB	Yfiler® Plus, GlobalFiler™										
4	35,38	17	11,12	14	29	24	9	11	13	15	
	10	12	21	29	14	17	10	23		34	
		12		18	17		20	21		11	2
QH3ALR	Yfiler®										
4		17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17					
								21		11	

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 4 - YSTR Results

QLLGVD	PowerPlex® Y 23, GlobalFiler™									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17		23			
	12	9	18	17			21	12	11	2
QMYNJF	Qiagen Investigator									
4						9				
QP4ENA	PowerPlex® Fusion 6C									
4						9				
			18	17						
QQULRT	PowerPlex® Fusion 6C									
4						9				
			18	17						
QU8GBW	Yfiler®									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
							21		11	2
QUY9H6	Yfiler®									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
							21		11	
QVA7X8										
4						9				
			18	17						
QXAD4D	PowerPlex® Fusion 6C									
4						9				
			18	17						
R378Q7	PowerPlex® Y 23									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17		23			
	12	9	18	17			21	12	11	
R3QYNX										
4						9				
										2
R4G633	PowerPlex® Fusion 6C									
4						9				
			18	17						

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 4 - YSTR Results

R6BZK6	Yfiler®										
4		17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17					
								21		11	
R7YXR6	GlobalFiler™										
4	NA	NA	NA	NA	NA	NA	9	NA	NA	NA	
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2
RFTEQR	GlobalFiler™										
4							9				
											2
RK86X9	GlobalFiler™										
4							9				
											2
RLRPC7	PowerPlex® Y 23 System										
4		17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23			
		12	9	18	17			21	12	11	2
RMQFFK	Yfiler®										
4		17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17					
								21		11	
RPHZXB	GlobalFiler™										
4							9				
											2
RPWLDE	Yfiler®										
4		17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17					
								21		11	
RQM6WR	GlobalFiler™										
4							9				
											2
RTDKDA	GlobalFiler™										
4							9				
											2
RUPRPV	Yfiler®										
4		17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17					
								21		11	

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 4 - YSTR Results

RWCL9H	PowerPlex® Y 23									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17	23				
	12	9	18	17		21	12	11		
RXC9H3	PowerPlex® Fusion 6C									
4	9									
	18 17									
T63AWT	Yfiler®									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
						21			11	2
T8772U	Yfiler®									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
						21			11	
T8NBLD	Yfiler®									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
						21			11	
T8V4T3	Yfiler®									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
						21			11	
T8XUYK	Yfiler®									
4	NA	17	11,12	14	29	24	9	11	13	15
	10	12	21	NA	14	17	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	21	NA	11 NA
TECWRE	PowerPlex® Fusion									
4	9									
TEWNQQ	Yfiler®									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
						21			11	
THU7Q4	Yfiler®, GlobalFiler™									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
						21			11	2
TL978Y	PowerPlex® Y 23 System									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17	23				
	12	9	18	17		21	12	11	2	

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 4 - YSTR Results

TLVYYG	PowerPlex® Y 23									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17	23				
	12	9	18	17		21	12	11		
TM2HYX	PowerPlex® Fusion Y23									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17	23				
	12	9	18	17		21	12	11		
TP7828	GlobalFiler™									
4						9				
										2
TRGY93	Yfiler®									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
							21		11	
TRWDFC	Yfiler® Plus									
4	35,38	17	11,12	14	29	24	9	11	13	15
	10	12	21	29	14	17	10	23	34	
		12		18	17		20	21		11
TWAYMX	Yfiler®									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
							21		11	
TX4CZW	PowerPlex® Y Y-23									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17	23				
	12	9	18	17		21	12	11		
U9GVXY	Yfiler®									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
							21		11	
UBGAUK	Yfiler® Plus									
4	35,38	17	11,12	14	29	24	9	11	13	15
	10	12	21	29	14	17	10	23	-	34
	-	12	-	18	17	-	20	21	-	11
										2
UDV3JH	Yfiler®									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
							21		11	
UEPNKV	PowerPlex® Y 23									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17	23				
	12	9	18	17		21	12	11		

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 4 - YSTR Results

UKE7T7	PowerPlex® Y 23, PowerPlex® Fusion 6C									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17	23				
	12	9	18	17		21	12	11		
UKT4X6	PowerPlex® Y 23, PowerPlex® Fusion 6C									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17	23				
	12	9	18	17		21	12	11		
ULMJWZ	Yfiler® Plus, GlobalFiler™									
4	35,38	17	11,12	14	29	24	9	11	13	15
	10	12	21	29	14	17	10	23	34	
	12		18	17		20	21	11	2	
UMHV6M	PowerPlex® Y 23, PowerPlex® Fusion 6C									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17	23				
	12	9	18	17		21	12	11		
UW8RUU	Yfiler®									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
							21		11	
UXPJ8K	PowerPlex® Y 23, PowerPlex® Fusion 6C									
4						9				
										2
V222L8	PowerPlex® Y 23, PowerPlex® Fusion 6C									
4						9				
V43BDB	GlobalFiler™									
4						9				
										2
V494RC	PowerPlex® Fusion 6C									
4						9				
				18	17					
V9YTXH	Yfiler® Plus, GlobalFiler™									
4	35,38	17	11,12	14	29	24	9	11	13	15
	10	12	21	29	14	17	10	23	34	
	12		18	17		20	21	11	2	
VEMBEE	Yfiler® Plus, GlobalFiler™									
4	35,38	17	11,12	14	29	24	9	11	13	15
	10	12	21	29	14	17	10	23	34	
	12		18	17		20	21	11	2	



TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 4 - YSTR Results

VG4GF2	PowerPlex® Y 23 System									
4	17	14	21	29	17	9	23	9	12	10
	15	18	21	24	12	11	12	13	17	11,12
	14	11								2
VGDM2R	Yfiler®									
4		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17				
								21		11
VHYFPE	Yfiler® plus									
4	35,38	17	11,12	14	29	24	9	11	13	15
	10	12	21	29	14	17	10	23		34
		12		18	17		20	21		11
										2
VKBZW4	PowerPlex® Fusion 6C									
4							9			
				18	17					
VKEJVR	Yfiler®									
4		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17				
								21		11
VKNRMY	Yfiler®									
4		17	11,12	14	29	24	9	11	13	15
	10	12	21		14	17				
				18	17			21		11
VL4WDB	GlobalFiler™									
4							9			
										2
VLL2FG	GlobalFiler™									
4							9			
										2
VPGVAC	GlobalFiler™									
4							9			
										2
VQ2FF9	GlobalFiler™									
4							9			
										2
VTLJVT	GlobalFiler™									
4							9			
										2

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 4 - YSTR Results

VUWCX9	PowerPlex® Y Y23									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17	23				
	12	9	18	17		21	12	11		
VUYFYL	Yfiler®, PowerPlex® Fusion 6C									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
			18	17		21		11		
WLGFU	GlobalFiler™									
4						9				
										2
VXZYR	Yfiler® Plus									
4	35,38	17	11,12	14	29	24	9	11	13	15
	10	12	21	29	14	17	10	23		34
		12		18	17		20	21		11
W7BKKZ	GlobalFiler™									
4						9				
										2
WC2R6U	PowerPlex® Y 23									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17	23				
	12	9	18	17		21	12	11		
WCBXAH	Yfiler®									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
						21		11	2	
WKAD4W	GlobalFiler™									
4						9				
WLM39U	GlobalFiler™									
4						9				
										2
WLNVB9	Yfiler®, PowerPlex® Fusion 6C									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
			18	17		21		11		
WMD9MY	Yfiler®, GlobalFiler™									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17					
						21		11	2	

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 4 - YSTR Results

WME2ND 4	Yfiler®									
	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
								21		11
WTLF3F 4	Yfiler®									
	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
								21		11
WUR4G9 4	PowerPlex® Fusion 6C									
								9		
				18	17					
WVNG2F 4	PowerPlex® Y 23									
	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23		
	12	9	18	17			21	12	11	
WW96W 4	PowerPlex® Fusion 6C									
								9		
				18	17					
WZJAB3 4	GlobalFiler™									
								9		
										2
X2TLJQ 4	Yfiler®									
	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
								21		11
X6BY7Z 4	PowerPlex® Fusion 6C									
								9		
				18	17					
X6MW34 4	Yfiler®, PowerPlex® Fusion 6C									
	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
			18	17			21		11	
X74Q6Y 4	PowerPlex® Fusion 6C									
								9		
				18	17					
X8WQCB 4	PowerPlex® Y 23, PowerPlex® Fusion 6C									
	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23		
	12	9	18	17			21	12	11	

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 4 - YSTR Results

X8ZDQ4	PowerPlex® Fusion 6C											
4											9	
18 17												
XA2H4N	Yfiler®, PowerPlex® Fusion 6C											
4	17	11,12	14	29	24	9	11	13	15			
10 12 21 14 17												
18 17 21 11												
XBKZMX	PowerPlex® Fusion 6C											
4	-	-	-	-	-	9	-	-	-			
- - - 18 17 - - - - -												
XC8VXJ	PowerPlex® Y 23											
4	17	11,12	14	29	24	9	11	13	15			
10 12 21 14 17 23												
12 9 18 17 21 12 11												
XG7WAY	Yfiler®, GlobalFiler™											
4	17	11,12	14	29	24	9	11	13	15			
10 12 21 14 17												
21 11 2												
XJEA8												9
2												
XK64CH	Yfiler®											
4	17	11,12	14	29	24	9	11	13	15			
10 12 21 14 17												
21 11 2												
XNLR3M	GlobalFiler™											
4											9	
2												
XPBXZ8	GlobalFiler™											
4											9	
2												
XQ9FMM	Yfiler®, PowerPlex® Fusion 6C (3 loci - DYS391, DYS570, DYS576)											
4	17	11,12	14	29	24	9	11	13	15			
10 12 21 14 17												
18 17 21 11												
XRHKPP	Yfiler®											
4	N/A	17	11,12	14	29	24	9	11	13	15		
10 12 21 N/A 14 17 N/A N/A N/A N/A												
N/A N/A N/A N/A N/A N/A N/A 21 N/A 11 N/A												

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 4 - YSTR Results

XRMUZN	Yfiler® Plus										
	4	35,38	17	11,12	14	29	24	9	11	13	15
		10	12	21	29	14	17	10	23		34
		12		18	17		20	21		11	
XTV6HZ	PowerPlex® Y Y23										
	4		17	11,12	14	29	24	9	11	13	15
		10	12	21		14	17		23		
		12	9	18	17			21	12	11	
XURJ8D	Yfiler® Plus, GlobalFiler™										
	4	35,38	17	11,12	14	29	24	9	11	13	15
		10	12	21	29	14	17	10	23		34
		12		18	17		20	21		11	2
XWE6XF	Yfiler®										
	4		17	11,12	14	29	24	9	11	13	15
		10	12	21		14	17				
								21		11	
XYM4JA	Yfiler®										
	4		17	11,12	14	29	24	9	11	13	15
		10	12	21		14	17				
								21		11	
XZDGV2	PowerPlex® Fusion 6C										
	4							9			
					18	17					
Y3FY9M	Yfiler®, GlobalFiler™										
	4		17	11,12	14	29	24	9	11	13	15
		10	12	21		14	17				
								21		11	2
Y7CC7K	Yfiler®, PowerPlex® Fusion										
	4		17	11,12	14	29	24	9	11	13	15
		10	12	21		14	17				
								21		11	
Y7CHBL	Yfiler®										
	4							9			
											2
Y7L4H3	Yfiler®, GlobalFiler™										
	4		17	11,12	14	29	24	9	11	13	15
		10	12	21		14	17				
								21		11	2
YB6YRZ	Yfiler® Plus										
	4	35,38	17	11,12	14	29	24	9	11	13	15
		10	12	21	29	14	17	10	23		34
		12		18	17		20	21		11	

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 4 - YSTR Results

YCTRV6											
4										9	
<hr/>											
YD8YJ8	Yfiler®										
4	17	11,12	14	29	24	9	11	13	15		
	10	12	21		14	17					
				18	17			21	11		
<hr/>											
YDFFVJ	Yfiler®, PowerPlex® Fusion										
4	17	11,12	14	29	24	9	11	13	15		
	10	12	21		14	17					
								21	11		
<hr/>											
YFTUWY	Yfiler®, GlobalFiler™										
4	17	11,12	14	29	24	9	11	13	15		
	10	12	21		14	17					
								21	11	2	
<hr/>											
YG4PHQ	GlobalFiler™										
4										9	
<hr/>											
YGGB3Z	PowerPlex® Y 23, PowerPlex® Fusion 6C										
4	17	11,12	14	29	24	9	11	13	15		
	10	12	21		14	17					
			12	9	18	17			21	12	11
<hr/>											
YGXN74	PowerPlex® Fusion 5C										
4										9	
<hr/>											
YJPH8E	Yfiler® Plus, GlobalFiler™										
4	35,38	17	11,12	14	29	24	9	11	13	15	
	10	12	21	29	14	17	10	23	34		
			12	18	17			20	21	11	2
<hr/>											
YM7W3Z	PowerPlex® Fusion 6C										
4										9	
				18	17						
<hr/>											
YNJL8X	PowerPlex® Fusion Fusion 6C										
4										9	
				18	17						
<hr/>											
YPRM6Q											
4										9	
<hr/>											
										2	



TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 4 - YSTR Results

ZAEQ6N	Yfiler®									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
								21		11
ZBC23C	PowerPlex® Fusion 6C									
4							9			
				18	17					
ZEPVQV	PowerPlex® Fusion 6C									
4							9			
				18	17					
ZFZA3Q	PowerPlex® Y 23 System									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23		
		12	9	18	17			21	12	11
										2
ZGCD6A	PowerPlex® Y 23, PowerPlex® Fusion 6C									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23		
		12	9	18	17			21	12	11
ZMYCAP	Yfiler®									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
								21		11
ZPMMHV	Yfiler®, GlobalFiler™									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17				
								21		11
										2
ZPR87X	Yfiler®									
4							9			
				18	17					
ZTLP7Q	PowerPlex® Y 23 System									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21		14	17		23		
		12	9	18	17			21	12	11
										2
ZVJ3KP	Yfiler®									
4							9			
										2
ZVYNR7	PowerPlex® Fusion 6C									
4							9			
				18	17					



TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 4 - YSTR Results

ZWEQWT	PowerPlex® Fusion 6C									
4	[REDACTED]									9
	[REDACTED]		18	17	[REDACTED]					
ZX6WBX	PowerPlex® Y 23									
4	17	11,12	14	29	24	9	11	13	15	
	10	12	21	14	17	23	[REDACTED]			
	12	9	18	17	21	12	11	[REDACTED]		

## **Additional DNA Results**

### TABLE 4

Additional DNA results found to be concordant at a pre-existing locus are retained solely within the applicable tables. Non-concordant results and results for loci not found elsewhere will remain in this table.

<b>Locus</b>	<b>WebCode</b>	<b>Item 1</b>	<b>Item 2</b>	<b>Item 3</b>	<b>Item 3e</b>	<b>Item 3sp</b>	<b>Item 4</b>	<b>Item 4e</b>	<b>Item 4sp</b>
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No additional DNA results were reported that did not already correspond to another location within the report.

# Mitochondrial DNA - HVRI Results

## TABLE 5a - ITEM 1

Polymorphisms from Reference Sequence

	16169.0	16187.0	16189.0	16223.0	16265.0	16278.0	16286.0	16294.0	16295.0	16311.0	16360.0	16519.0	16527.0
<b>ITEM 1</b>													
34EM7V	T	T	C	T	C	T	G	T	T	C	T		
34FKGQ	T	T	C	T	C	T	G	T	T	C	T		
3HZZKP	C-T	C-T	T-C	C-T	A-C	C-T	C-G	C-T	C-T	T-C	C-T	T-C	C-T
3R6KUQ	T	T	C	T	C	T	G	T	T	C	T		
664V6P	T	T	C	T	C	T	G	T	T	C	T	C	T
67EH33	T	T	C	T	C	T	G	T	T	C	T	C	T
6J48ML	T	T	C	T	C	T	G	T	T	C	T		
6U2FJQ	T	T	C	T	C	T	G	T	T	C	T	C	T
778KVG	T	T	C	T	C	T	G	T	T	C	T	C	T
7RFGXL	T	T	C	T	C	T	G	T	T	C	T		
9A4TBB	T	T	C	T	C	T	G	T	T	C	T		
9P33CJ	T	T	C	T	C	T	G	T	T	C	T		
AFP43K	T	T	C	T	C	T	G	T	T	C	T		
B2LWNF	T	T	C	T	C	T	G	T	T	C	T		
E6RFQD	T	T	C	T	C	T	G	T	T	C	T		
F262ZH	T	T	C	T	C	T	G	T	T	C	T		
F8CPDJ	C/T	C/T	T/C	C/T	A/C	C/T	C/G	C/T	C/T	T/C	C/T		
F9KABC	T	T	C	T	C	T	G	T	T	C	T		
FV2XBJ	T	T	C	T	C	T	G	T	T	C	T		
G2HK7D	T	T	C	T	C	T	G	T	T	C	T		
GX6A8B	T	T	C	T	C	T	G	T	T	C	T	C	T
JJVWXU	T	T	C	T	C	T	G	T	T	C	T		
K9HVB2	T	T	C	T	C	T	G	T	T	C			
KMNUQD	T	T	C	T	C	T	G	T	T	C	T		
LHVMU3	T	T	C	T	C	T	G	T	T	C	T	C	T
LR2Z3D	T	T	C	T	C	T	G	T	T	C	T		
LX9VV7	T	T	C	T	C	T	G	T	T	C	T		
M28236	T	T	C	T	C	T	G	T	T	C	T		
RLRPC7	T	T	C	T	C	T	G	T	T	C			
TL978Y	T	T	C	T	C	T	G	T	T	C	T		
TRWDFC	T	T	C	T	C	T	G	T	T	C	T	C	T
TWAYMX	T	T	C	T	C	T	G	T	T	C	T		
ULMJWZ	T	T	C	T	C	T	G	T	T	C	T		
VG4GF2	T	T	C	T	C	T	G	T	T	C	T		
VGQKBW	T	T	C	T	C	T	G	T	T	C	T	C	T
WWCPWV	T	T	C	T	C	T	G	T	T	C	T	C	T
YU8DBK	T	T	C	T	C	T	G	T	T	C	T		
YX268W	T	T	C	T	C	T	G	T	T	C	T		
Z6Z8VT	T	T	C	T	C	T	G	T	T	C	T		
ZFA3Q	T	T	C	T	C	T	G	T	T	C	T		
ZTLP7Q	T	T	C	T	C	T	G	T	T	C	T		

TABLE 5a - ITEM 2  
Polymorphisms from Reference Sequence

ITEM 2	
3HZZKP	T-C
664V6P	C
67EH33	C
6U2FJQ	C
778KVG	C
GX6A8B	C
LHVMU3	C
TRWDFC	C
VGQKBW	C
WWCPWV	C

165119.0

TABLE 5a - ITEM 3  
Polymorphisms from Reference Sequence

ITEM 3	
3HZZKP	T-C
664V6P	C
67EH33	C
6U2FJQ	C
TRWDFC	C
WWCPWV	C

165119.0

TABLE 5a - ITEM 4

Polymorphisms from Reference Sequence

	16169.0	16187.0	16189.0	16223.0	16265.0	16278.0	16286.0	16294.0	16295.0	16311.0	16360.0	16519.0	16527.0	19295.0
<b>ITEM 4</b>														
34EM7V	T	T	C	T	C	T	G	T	T	C	T			
34FKGQ	T	T	C	T	C	T	G	T	T	C	T			
3HZZKP	C-T	C-T	T-C	C-T	A-C	C-T	C-G	C-T	C-T	T-C	C-T	T-C	C-T	
3R6KUQ	T	T	C	T	C	T	G	T	T	C	T			
664V6P	T	T	C	T	C	T	G	T	T	C	T	C	T	
67EH33	T	T	C	T	C	T	G	T	T	C	T	C	T	
6J48ML	T	T	C	T	C	T	G	T	T	C	T			
6U2FJQ	T	T	C	T	C	T	G	T	T	C	T	C	T	
778KVG	T	T	C	T	C	T	G	T	T	C	T			
7RFGXL	T	T	C	T	C	T	G	T	T	C	T			
9A4TBB	T	T	C	T	C	T	G	T	T	C	T			
9P33CJ	T	T	C	T	C	T	G	T	T	C	T			
AFP43K	T	T	C	T	C	T	G	T	T	C	T			
B2LWNF	T	T	C	T	C	T	G	T	T	C	T			
E6RFQD	T	T	C	T	C	T	G	T	T	C	T			
F262ZH	T	T	C	T	C	T	G	T	T	C	T			
F8CPDJ	C/T	C/T	T/C	C/T	A/C	C/T	C/G	C/T	C/T	T/C	C/T			
F9KABC	T	T	C	T	C	T	G	T	T	C	T			
FV2XBJ	T	T	C	T	C	T	G	T	T	C	T			
G2HK7D	T	T	C	T	C	T	G	T	T	C	T			
GX6A8B	T	T	C	T	C	T	G	T	T	C	T			
JJVWXU	T	T	C	T	C	T	G	T	T	C	T			
K9HVB2	T	T	C	T	C	T	G	T	T	C				
KMNUQD	T	T	C	T	C	T	G	T	T	C	T			
LHVMU3	T	T	C	T	C	T	G	T	T	C	T			
LR2Z3D	T	T	C	T	C	T	G	T	T	C	T			
LX9VV7	T	T	C	T	C	T	G	T		C	T			T
M28236	T	T	C	T	C	T	G	T	T	C	T			
RLRPC7	T	T	C	T	C	T	G	T	T	C				
TL978Y	T	T	C	T	C	T	G	T	T	C	T			
TRWDFC	T	T	C	T	C	T	G	T	T	C	T	C	T	
TWAYMX	T	T	C	T	C	T	G	T	T	C	T			
ULMJWZ	T	T	C	T	C	T	G	T	T	C	T			
VG4GF2	T	T	C	T	C	T	G	T	T	C	T			
VGQKBW	T	T	C	T	C	T	G	T	T	C	T			
WWCPWV	T	T	C	T	C	T	G	T	T	C	T	C	T	
YU8DBK	T	T	C	T	C	T	G	T	T	C	T			
YX268W	T	T	C	T	C	T	G	T	T	C	T			
Z6Z8VT	T	T	C	T	C	T	G	T	T	C	T			
ZFZA3Q	T	T	C	T	C	T	G	T	T	C	T			
ZTLP7Q	T	T	C	T	C	T	G	T	T	C	T			

# Mitochondrial DNA - HVRI Results

TABLE 5b

**Bases Sequenced: HVR I**

WEBCODE	ITEM 1	ITEM 2	ITEM 3	ITEM 4
34EM7V	16024-16365	16024-16365	16024-16365	16024-16365
34FKGQ	16024-16391	16024-16391	16024-16391	16024-16391
3HZZKP	16024-16569	16024-16569	16024-16569	16024-16569
3R6KUQ	16000-16386	16003-16385	16000-16386	16000-16386
664V6P	16024-16569	16024-16569	16024-16569	16024-16569
67EH33	16024-16569	16024-16569	16024-16569	16024-16569
6J48ML	16001-16386	16001-16386	16001-16374	16001-16386
6U2FJQ	16024-16569	16024-16569	16024-16569	16024-16569
778KVG	16001-16388,	16001-16386,	16001-16371	16001-16371
7RFGXL	15994-16400	15994-16400	15994-16400	15994-16400
9A4TBB	16001-16387	16001-16387	16000-16387	16000-16387
9P33CJ	16024-16365	16024-16365	16024-16365	16024-16365
AFP43K	16015-16386	16022-16385	16000-16386	16000-16386
B2LWNF	16001-16385	16005-16385	16005-16387	16005-16386
E6RFQD	16024-16365	16024-16365	16024-16365	16024-16365
F262ZH	16024-16365	16024-16365	16024-16365	16024-16365
F8CPDJ	F15990-R16391	F15990-R16391	F15990-R16391	F15990-R16391
F9KABC	16001-16386	16023-16386	16000-16386	16000-16385
FV2XBJ	16024-16365	16024-16365	16024-16365	16024-16365
G2HK7D	16000-16386	16000-16386	16000-16386	16000-16386
GX6A8B	16024-16569	16024-16569	16024-16391	16024-16391
JJVWXU	16024-16365	16024-16365	16024-16365	16024-16365
K9HVB2	16044-16359	16044-16359	16044-16359	16044-16359
KMNUQD	16024-16365	16024-16365	16024-16365	16024-16365
LHV MU3	15998-16569	15998-16569	16001-16387	16001-16387
LR2Z3D	15975-16417	15975-16417	15975-16417	15975-16417
LX9VV7	15998-16390	15998-16390	15998-16390	15998-16390
M28236	16024-16365	16024-16365	16024-16365	16024-16365
RLRPC7	16024-16365	16024-16365	16024-16365	16024-16365
TL978Y	16024-16365	16024-16365	16024-16365	16024-16365
TRWDFC	16024-16569	16024-16569	16024-16569	16024-16569
TWAYMX	16001-16386	16000-16386	16003-16385	16013-16385
ULMJWZ	16019-16374	16019-16374	16019-16374	16019-16374
VG4GF2	16024-16365	16024-16365	16024-16365	16024-16365
VGQKBW	16024-16569	16024-16569	16024-16391	16024-16391
WWCPWV	16024-16569	16024-16569	16024-16569	16024-16569
YU8DBK	16006-16386	16006-16386	15999-16387	16004-16390
YX268W	16013-16386	16015-16386	16000-16386	16002-16385
Z6Z8VT	15994-16400	15994-16400	15994-16400	15994-16400
ZFZA3Q	16024-16365	16024-16365	16024-16365	16024-16365
ZTLP7Q	16024-16365	16024-16365	16024-16365	16024-16365

# Mitochondrial DNA - HVRII Results

TABLE 6a - ITEM 1

Polymorphisms from Reference Sequence

	73.0	151.0	152.0	182.0	186.0	189.0	195.0	198.0	247.0	263.0	297.0	315.1	316.0	471.0	523.0	524.0
<b>ITEM 1</b>																
34EM7V	G	T	C	T	A	C	C	T	A	G	G	C	A			
34FKGQ	G	T	C	T	A	C	C	T	A	G	G	C INS	A			
3HZZKP	A-G	C-T	T-C	C-T	C-A	A-C	T-C	C-T	G-A	A-G	A-G	C INS	G-A	T-C	A DEL	C DEL
3R6KUQ	G	T	C	T	A	C	C	T	A	G	G	C	A			
664V6P	G	T	C	T	A	C	C	T	A	G	G	C INS	A	C	-	-
67EH33	G	T	C	T	A	C	C	T	A	G	G	C INS	A	C	A DEL	C DEL
6J48ML	G	T	C	T	A	C	C	T	A	G	G	C	A			
6U2FJQ	G	T	C	T	A	C	C	T	A	G	G	C	A	C	D	D
778KVG	G	T	C	T	A	C	C	T	A	G	G	C	A	C	D	D
7RFGXL	G	T	C	T	A	C	C	T	A	G	G	C	A			
9A4TBB	G	T	C	T	A	C	C	T	A	G	G	C	A			
9P33CJ	G	T	C	T	A	C	C	T	A	G	G	C	A			
AFP43K	G	T	C	T	A	C	C	T	A	G	G	C	A			
B2LWNF	G	T	C	T	A	C	C	T	A	G	G	C	A			
E6RFQD	G	T	C	T	A	C	C	T	A	G	G	C	A			
F262ZH	G	T	C	T	A	C	C	T	A	G	G	C	A			
F8CPDJ	A/G	C/T	T/C	C/T	C/A	A/C	T/C	C/T	G/A	A/G	A/G	C	G/A			
F9KABC	G	T	C	T	A	C	C	T	A	G	G	C	A			
FV2XBJ	G	T	C	T	A	C	C	T	A	G	G	C	A			
G2HK7D	G	T	C	T	A	C	C	T	A	G	G	C	A			
GX6A8B	G	T	C	T	A	C	C	T	A	G	G	C INS	A	C	A DEL	C DEL
JJVWXU	G	T	C	T	A	C	C	T	A	G	G	C	A			
K9HVB2		T	C	T	A	C	C	T	A	G	G	C	A			
KMNUQD	G	T	C	T	A	C	C	T	A	G	G	C	A			
LHVMU3	G	T	C	T	A	C	C	T	A	G	G	C	A	C	D	D
LR2Z3D	G	T	C	T	A	C	C	T	A	G	G	C	A			
LX9VV7	G	T	C	T	A	C	C	T	A	G	G	C	A			
M28236	G	T	C	T	A	C	C	T	A	G	G	C	A			
RLRPC7	G	T	C	T	A	C	C	T	A	G	G	C	A			
TL978Y	G	T	C	T	A	C	C	T	A	G	G	C	A			
TRWDFC	G	T	C	T	A	C	C	T	A	G	G	C	A	C	DEL	DEL
TWAYMX	G	T	C	T	A	C	C	T	A	G	G	C	A			
ULMJWZ	G	T	C	T	A	C	C	T	A	G	G	C	A			
VG4GF2	G	T	C	T	A	C	C	T	A	G	G	C	A			
VGQKBW	G	T	C	T	A	C	C	T	A	G	G	C INS	A	C	A DEL	C DEL
WWCPWV	G	T	C	T	A	C	C	T	A	G	G	C	A	C	DEL	DEL
YU8DBK	G	T	C	T	A	C	C	T	A	G	G	C	A			
YX268W	G	T	C	T	A	C	C	T	A	G	G	C	A			
Z6Z8VT	G	T	C	T	A	C	C	T	A	G	G	C	A			
ZFZA3Q	G	T	C	T	A	C	C	T	A	G	G	C	A			
ZTLP7Q	G	T	C	T	A	C	C	T	A	G	G	C	A			



## TABLE 6a - ITEM 2

Polymorphisms from Reference Sequence

	263.0	315.1
<b>ITEM 2</b>		
34EM7V	G	C
34FKGQ	G	C INS
3HZZKP	A-G	C INS
3R6KUQ	G	C
664V6P	G	C INS
67EH33	G	C INS
6J48ML	G	C
6U2FJQ	G	C
778KVG	G	C
7RFGXL	G	C
9A4TBB	G	C
9P33CJ	G	C
AFP43K	G	C
B2LWNF	G	C
E6RFQD	G	C
F262ZH	G	C
F8CPDJ	A/G	C
F9KABC	G	C
FV2XBJ	G	C
G2HK7D	G	C
GX6A8B	G	C INS
JJVWXU	G	C
K9HVB2	G	C
KMNUQD	G	C
LHVMU3	G	C
LR2Z3D	G	C
LX9VV7	G	C
M28236	G	C
RLRPC7	G	C
TL978Y	G	C
TRWDFC	G	C
TWAYMX	G	C
ULMJWZ	G	C
VG4GF2	G	C
VGQKBW	G	C INS
WWCPWV	G	C
YU8DBK	G	C
YX268W	G	C
Z6Z8VT	G	C
ZFZA3Q	G	C
ZTLP7Q	G	C

## TABLE 6a - ITEM 3

Polymorphisms from Reference Sequence

	263.0	315.0	315.1
<b>ITEM 3</b>			
34EM7V	G		C
34FKGQ	G		C INS
3HZZKP	A-G		C INS
3R6KUQ	G		C
664V6P	G		C INS
67EH33	G		C INS
6J48ML	G		C
6U2FJQ	G		C
778KVG	G		C
7RFGXL	G		C
9A4TBB	G		C
9P33CJ	G		C
AFP43K	G		C
B2LWNF	G		C
E6RFQD	G		C
F262ZH	G		C
F8CPDJ	A/G		C
F9KABC	G		C
FV2XBJ	G		C
G2HK7D	G		C
GX6A8B	G		C INS
JJVWXU	G		C
K9HVB2	G	C	
KMNUQD	G		C
LHVMU3	G		C
LR2Z3D	G		C
LX9VV7	G		C
M28236	G		C
RLRPC7	G		C
TL978Y	G		C
TRWDFC	G		C
TWAYMX	G		C
ULMJWZ	G		C
VG4GF2	G		C
VGQKBW	G		C INS
WWCPWV	G		C
YU8DBK	G		C
YX268W	G		C
Z6Z8VT	G		C
ZFZA3Q	G		C
ZTLP7Q	G		C

TABLE 6a - ITEM 4

Polymorphisms from Reference Sequence

	73.0	151.0	152.0	182.0	186.0	189.0	195.0	198.0	247.0	263.0	297.0	315.1	316.0	471.0	523.0	524.0
<b>ITEM 4</b>																
34EM7V	G	T	C	T	A	C	C	T	A	G	G	C	A			
34FKGQ	G	T	C	T	A	C	C	T	A	G	G	C INS	A			
3HZZKP	A-G	C-T	T-C	C-T	C-A	A-C	T-C	C-T	G-A	A-G	A-G	C INS	G-A	T-C	A DEL	C DEL
3R6KUQ	G	T	C	T	A	C	C	T	A	G	G	C	A			
664V6P	G	T	C	T	A	C	C	T	A	G	G	C INS	A	C	-	-
67EH33	G	T	C	T	A	C	C	T	A	G	G	C INS	A	C	A DEL	C DEL
6J48ML	G	T	C	T	A	C	C	T	A	G	G	C	A			
6U2FJQ	G	T	C	T	A	C	C	T	A	G	G	C	A	C	D	D
778KVG	G	T	C	T	A	C	C	T	A	G	G	C	A			
7RFGXL	G	T	C	T	A	C	C	T	A	G	G	C	A			
9A4TBB	G	T	C	T	A	C	C	T	A	G	G	C	A			
9P33CJ	G	T	C	T	A	C	C	T	A	G	G	C	A			
AFP43K	G	T	C	T	A	C	C	T	A	G	G	C	A			
B2LWNF	G	T	C	T	A	C	C	T	A	G	G	C	A			
E6RFQD	G	T	C	T	A	C	C	T	A	G	G	C	A			
F262ZH	G	T	C	T	A	C	C	T	A	G	G	C	A			
F8CPDJ	A/G	C/T	T/C	C/T	C/A	A/C	T/C	C/T	G/A	A/G	A/G	C	G/A			
F9KABC	G	T	C	T	A	C	C	T	A	G	G	C	A			
FV2XBJ	G	T	C	T	A	C	C	T	A	G	G	C	A			
G2HK7D	G	T	C	T	A	C	C	T	A	G	G	C	A			
GX6A8B	G	T	C	T	A	C	C	T	A	G	G	C INS	A			
JJVWXU	G	T	C	T	A	C	C	T	A	G	G	C	A			
K9HVB2		T	C	T	A	C	C	T	A	G	G	C	A			
KMNUQD	G	T	C	T	A	C	C	T	A	G	G	C	A			
LHVMU3	G	T	C	T	A	C	C	T	A	G	G	C	A			
LR2Z3D	G	T	C	T	A	C	C	T	A	G	G	C	A			
LX9VV7	G	T	C	T	A	C	C	T	A	G	G	C	A			
M28236	G	T	C	T	A	C	C	T	A	G	G	C	A			
RLRPC7	G	T	C	T	A	C	C	T	A	G	G	C	A			
TL978Y	G	T	C	T	A	C	C	T	A	G	G	C	A			
TRWDFC	G	T	C	T	A	C	C	T	A	G	G	C	A	C	DEL	DEL
TWAYMX	G	T	C	T	A	C	C	T	A	G	G	C	A			
ULMJWZ	G	T	C	T	A	C	C	T	A	G	G	C	A			
VG4GF2	G	T	C	T	A	C	C	T	A	G	G	C	A			
VGQKBW	G	T	C	T	A	C	C	T	A	G	G	C INS	A			
WWCPWV	G	T	C	T	A	C	C	T	A	G	G	C	A	C	DEL	DEL
YU8DBK	G	T	C	T	A	C	C	T	A	G	G	C	A			
YX268W	G	T	C	T	A	C	C	T	A	G	G	C	A			
Z6Z8VT	G	T	C	T	A	C	C	T	A	G	G	C	A			
ZFZA3Q	G	T	C	T	A	C	C	T	A	G	G	C	A			
ZTLP7Q	G	T	C	T	A	C	C	T	A	G	G	C	A			

# Mitochondrial DNA - HVRII Results

TABLE 6b

**Bases Sequenced: HVR II**

WEBCODE	ITEM 1	ITEM 2	ITEM 3	ITEM 4
34EM7V	73-340	73-340	73-340	73-340
34FKGQ	35-464	35-464	35-464	35-464
3HZZKP	1-576	1-576	1-576	1-576
3R6KUQ	52-399	52-399	51-399	51-399
664V6P	1-576	1-576	1-576	1-576
67EH33	1-576	1-576	1-576	1-576
6J48ML	52-399	52-399	52-399	52-399
6U2FJQ	1-576	1-576	1-576	1-576
778KVG	39-530	39-530	43-369	39-369
7RFGXL	35-409	35-409	35-409	35-409
9A4TBB	52-399	52-399	51-399	51-399
9P33CJ	73-340	73-340	73-340	73-340
AFP43K	52-399	52-399	52-399	52-399
B2LWNF	52-399	73-383	52-399	52-399
E6RFQD	73-340	73-340	73-340	73-340
F262ZH	73-340	73-340	73-340	73-340
F8CPDJ	F34-R370	F34-R370	F34-R370	F34-R370
F9KABC	52-381	55-378	52-399	52-399
FV2XBJ	73-340	73-340	73-340	73-340
G2HK7D	52-399	52-399	52-399	52-399
GX6A8B	1-576	1-576	35-369	35-369
JJVWXU	73-340	73-340	73-340	73-340
K9HVB2	88-350	88-350	88-350	88-350
KMNUQD	73-340	73-340	73-340	73-340
LHVMU3	1-536	1-536	39-368	39-368
LR2Z3D	15-420	15-420	15-420	15-420
LX9VV7	49-407	49-407	49-407	49-407
M28236	73-340	73-340	73-340	73-340
RLRPC7	73-340	73-340	73-340	73-340
TL978Y	73-340	73-340	73-340	73-340
TRWDFC	1-576	1-576	1-576	1-576
TWAYMX	52-399	52-399	52-399	55-399
ULMJWZ	61-385	61-385	61-385	61-385
VG4GF2	73-340	73-340	73-340	73-340
VGQKBW	1-576	1-576	35-464	35-464
WWCPWV	1-576	1-576	1-576	1-576
YU8DBK	53-406	53-406	53-401	53-404
YX268W	52-399	52-399	52-399	52-399
Z6Z8VT	35-409	35-409	35-409	35-409
ZFZA3Q	73-340	73-340	73-340	73-340
ZTLP7Q	73-340	73-340	73-340	73-340

# DNA Interpretations

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

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
22VQAJ	No	Yes	Yes	No	372YUK	No	Yes	Yes	No
24E3NE	No	Yes	Yes	No	37KKNV	No	Yes	Yes	No
27C2BT	No	Yes	Yes	No	39VHDY	No	Yes	Yes	No
2AU4RY	No	Yes	Yes	No	39Y6TR	No	Yes	Yes	No
2B4E3A	No	Yes	Yes	No	3B4L2V	No	Yes	Yes	No
2BMC79	No	Yes	Yes	No	3DAZQA	No	Yes	Yes	No
2C3F92	No	Yes	Yes	No	3EJZHA	No	Yes	Yes	No
2GBWAP	No	Yes	Yes	No	3G2K34	No	Yes	Yes	No
2H6MF4	No	Yes	Yes	No	3G6J9T	No	Yes	Yes	No
2KCPU9	No	Yes	Yes	No	3H29UF	No	Yes	Yes	No
2MBELF	No	Yes	Yes	No	3HC264	No	Yes	Yes	No
2QFTK8	No	Yes	Yes	No	3HCYFY	No	Yes	Yes	No
2QGL69	No	Yes	Yes	No	3HFWVG	No	Yes	Yes	No
2RAKFZ	No Interpretations Reported, DNA Analyzed for Database purposes only.				3HZZKP	No	Yes	Yes	No
2VQX7F	No	Yes	Yes	No	3J28B4	No	Yes	Yes	No
2WPKUE	No	Yes	Yes	No	3LMZ2C	No	Yes	Yes	No
2XG84M	No	Yes	Yes	No	3QQ7D9	No	Yes	Yes	No
2YZPR3	No	Yes	Yes	No	3QTMKF	No	Yes	Yes	No
2ZYBXL	No	Yes	Yes	No	3R6KUQ	No	Yes	Yes	No
32FQYU	No	Yes	Yes	No	3RLRZ9	No	Yes	Yes	No
32XUHT	No	Yes	Yes	No	3RUMW2	No	Yes	Yes	No
34EM7V	No	Yes	Yes	No	3TZZ7M	No	Yes	Yes	No
34FKGQ	No	Yes	Yes	No	3VLZ74	No	Yes	Yes	No
34GWEZ	No	Yes	Yes	No	3WLME3	No	Yes	Yes	No
34PNLN	No	Yes	Yes	No	3XU2JM	No	Yes	Yes	No
					3YUUL2	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
3YVRWX	No	Yes	Yes	No	67EH33	No	Yes	Yes	No
3Z3E2P	No	Yes	Yes	No	67GQ6F	No	Yes	Yes	No
44FEZ2	No	Yes	Yes	No	694FEL	No	Yes	Yes	No
44WJ6T	No	Yes	Yes	No	69LHWU	No	Yes	Yes	No
467Q8L	No	Yes	Yes	No	6AW8DK	No	Yes	Yes	No
46DQG3	No	Yes	Yes	No	6AXUJK	No	Yes	Yes	No
46TXU8	No	Yes	Yes	No	6C4MKQ	No	Yes	Yes	No
49L7RL	No	Yes	Yes	No	6G6LEH	No	Yes	Yes	No
4AMW7G	No	Yes	Yes	No	6HTBAU	No	Yes	Yes	No
4AMX6L	No	Yes	Yes	No	6J48ML	No	Yes	Yes	No
4CVXHF	No	Yes	Yes	No	6J6CFW	No	Yes	Yes	No
4JA4TD	No	Yes	Yes	No	6KHEBN	No	Yes	Yes	No
4K79KE	No	Yes	Yes	No	6L8XT2	No	Yes	Yes	No
4LZA8H	No Interpretations Reported, DNA Analyzed for Database purposes only.				6NMWTH	No	Yes	Yes	No
4MPKYB	No	Yes	Yes	No	6PEYBR	No	Yes	Yes	No
4RFCBT	No	Yes	Yes	No	6PTFFT	No	Yes	Yes	No
4RKC78	No	Yes	Yes	No	6U2FJQ	No	Yes	Yes	No
4V2NYH	No Interpretations Reported, DNA Analyzed for Database purposes only.				6UBGVY	No	Yes	Yes	No
4V9EMU	No	Yes	Yes	No	6X93M2	No	Yes	Yes	No
4VLBNR	No	Yes	Yes	No	6YJ3JV	No	Yes	Yes	No
4WATHX	No	Yes	Yes	No	6YXFYR	No	Yes	Yes	No
4WX7C6	No	Yes	Yes	No	6ZB9VF	No	Yes	Yes	No
4YM6WV	No	Yes	Yes	No	747G4U	No	Yes	Yes	No
628KE2	No	Yes	Yes	No	76QQYH	No	Yes	Yes	No
62BY9P	No	Yes	Yes	No	778KVG	No	Yes	Yes	No
63VX3L	No	Yes	Yes	No	7BBXDG	No	Yes	Yes	No
664V6P	No	Yes	Yes	No	7DPV6C	No	Yes	Yes	No
					7EQLFZ	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
7EU6JV	No	Yes	Yes	No	8M4Y8W	No	Yes	Yes	No
7F8MUN	No	Yes	Yes	No	8NU6JG	No	Yes	Yes	No
7KT7RR	No	Yes	Yes	No	8RCDLM	No	Yes	Yes	No
7M2XG6	No	Yes	Yes	No	8RPR6P	No	Yes	Yes	No
7MJRD9	No	Yes	Yes	No	8T64R2	No	Yes	Yes	No
7MMFTQ	No	Yes	Yes	No	8TJQ4N	No	Yes	Yes	No
7NF63L	No	Yes	Yes	No	8TNWZQ	No	Yes	Yes	No
7PDL8W	No	Yes	Yes	No	8W3QJ4	No	Yes	Yes	No
7RFGXL	No	Yes	Yes	No	8WNC2L	No	Yes	Yes	No
7RRD4Q	No	Yes	Yes	No	8WUF3R	No	Yes	Yes	No
7TNQT4	No	Yes	Yes	No	8YAFTM	No	Yes	Yes	No
7UL2LL	No	Yes	Yes	No	8ZLQQW	No	Yes	Yes	No
7UZCCD	No	Yes	Yes	No	8ZNEAW	No	Yes	Yes	No
7X63WZ	No	Yes	Yes	No	92YFUA	No	Yes	Yes	No
7ZRJ8T	No	Yes	Yes	No	938TCB	No	Yes	Yes	No
82G9UT	No	Yes	Yes	No	93TJ8G	No	Yes	Yes	No
86KVTH	No	Yes	Yes	No	96FZKV	No	Yes	Yes	No
86WTPL	No	Yes	Yes	No	982P23	No	Yes	Yes	No
86YZW3	No	Yes	Yes	No	982WYN	No	Yes	Yes	No
876KK3	No	Yes	Yes	No	98ZYNR	No	Yes	Yes	No
879LNU	No	Yes	Yes	No	9A4TBB	No	Yes	Yes	No
87QJVZ	No	Yes	Yes	No	9A93KP	No	Yes	Yes	No
89XWG9	No	Yes	Yes	No	9BZ4L7	No	Yes	Yes	No
8BZUPF	No	Yes	Yes	No	9CADYB	No	Yes	Yes	No
8GNNGL	No	Yes	Yes	No	9D6RNP	No	Yes	Yes	No
8H2QE2	No	Yes	Yes	No	9DQ8GY	No	Yes	Yes	No
8JXPME	No	Yes	Yes	No	9FBMKU	No	Yes	Yes	No
8M2BNX	No	Yes	Yes	No	9H36TR	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
9H48C6	No	Yes	Yes	No	AZX7ZQ	No	Yes	Yes	No
9K2NBR	No	Yes	Yes	No	B2LWNF	No	Yes	Yes	No
9MCD7P	No	Yes	Yes	No	B3EZ39	No	Yes	Yes	No
9P33CJ	No	Yes	Yes	No	B48B3W	No	Yes	Yes	No
9ZK6PP	No	Yes	Yes	No	B6JHEJ	No	Yes	Yes	No
A2UKLM	No	Yes	Yes	No	B7JHQ6	No	Yes	Yes	No
A37CGP	No	Yes	Yes	No	B8BPL2	No	Yes	Yes	No
A6CX9W	No	Yes	Yes	No	B8D8RD	No	Yes	Yes	No
A734M2	No	Yes	Yes	No	B8UTN4	No	Yes	Yes	No
A8DUM6	No	Yes	Yes	No	BC78AE	No	Yes	Yes	No
A9T8F9	No	Yes	Yes	No	BDY3TG	No	Yes	Yes	No
AAFUBL	No	Yes	Yes	No	BGZF79	No	Yes	Yes	No
ABJ47N	No	Yes	Yes	No	BJ7KYW	No	Yes	Yes	No
ACPXFT	No	Yes	Yes	No	BKHBD8	No	Yes	Yes	No
AE9C3W	No	Yes	Yes	No	BN47ZZ	No	Yes	Yes	No
AFP43K	No Interpretations Reported, DNA Analyzed for Database purposes only.				BNJCGB	No	Yes	Yes	No
AJWDCV	No	Yes	Yes	No	BQZHBK	No	Yes	Yes	No
AK4RN4	No	Yes	Yes	No	BRLDFL	No	Yes	Yes	No
AKMF7X	No	Yes	Yes	No	BRM3QB	No	Yes	Yes	No
AMQMFW	No	Yes	Yes	No	BU2ZH7	No	Yes	Yes	No
ANHBKQ	No	Yes	Yes	No	BUKV98	No	Yes	Yes	No
APC4FA	No	Yes	Yes	No	BWT3F8	No	Yes	Yes	No
AVLB4T	No	Yes	Yes	No	BX3488	No	Yes	Yes	No
AWD8V9	No	Yes	Yes	No	BX7H72	No	Yes	Yes	No
AXWWAM	No	Yes	Yes	No	BYT82E	No	Yes	Yes	No
AYKPRJ	No	Yes	Yes	No	C24BLH	No Interp		No Interp	
AZA38F	No	Yes	Yes	No	C2KM4M	No	Yes	Yes	No
					C2XB9V	No	Yes	Yes	No



TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
C4CG6X	No	Yes	Yes	No	DD9Y6Y	No	Yes	Yes	No
C8PBTH	No	Yes	Yes	No	DG8EDM	No	Yes	Yes	No
C93U4Z	No	Yes	Yes	No	DJDY2M	No	Yes	Yes	No
CAVX7M	No	Yes	Yes	No	DM23JU	No	Yes	Yes	No
CB6UP6	No	Yes	Yes	No	DQRPH8	No	Yes	Yes	No
CB9C6G	No	Yes	Yes	No	DR9WTV	No	Yes	Yes	No
CBP24H	No	Yes	Yes	No	DX4BBD	No	Yes	Yes	No
CC6WRG	No	Yes	Yes	No	DYLZQH	No	Yes	Yes	No
CCD3UJ	No	Yes	Yes	No	DZNAEA	No Interpretations Reported, DNA Analyzed for Database purposes only.			
CDYHJM	No	Yes	Yes	No	E2QM4L	No	Yes	Yes	No
CEVTHV	No	Yes	Yes	No	E2RHPD	No	Yes	Yes	No
CGZJMQ	No	Yes	Yes	No	E2WYZJ	No	Yes	Yes	No
CM4MB4	No	Yes	Yes	No	E6RFQD	No	Yes	Yes	No
CMJP66	No	Yes	Yes	No	E6UG3R	No	Yes	Yes	No
CPBPG9	No	Yes	Yes	No	EA7DYE	No	Yes	Yes	No
CTJY4P	No	Yes	Yes	No	EAMLM9	No	Yes	Yes	No
CVALRR	No	Yes	Yes	No	EAZCJ7	No Interpretations Reported, DNA Analyzed for Database purposes only.			
CVTGAT	No Interpretations Reported, DNA Analyzed for Database purposes only.				EBEJ6M	No Interpretations Reported, DNA Analyzed for Database purposes only.			
CVU6YJ	No Interpretations Reported, DNA Analyzed for Database purposes only.				ECFFPJ	No Interp	Yes	Yes	No Interp
CW8YDY	No	Yes	Yes	No	EGQHM9	No	Yes	Yes	No
CX2ET3	No	Yes	Yes	No	EGTDZC	No	Yes	Yes	No
CX6VCU	No	Yes	Yes	No	EKB98B	No	Yes	Yes	No
D4NK9N	No	Yes	Yes	No	ELLF3Q	No	Yes	Yes	No
D79NN9	No Interpretations Reported, DNA Analyzed for Database purposes only.				EN83LE	No	Yes	Yes	No
D93D8U	No	Yes	Yes	No	ENAUNF	No	Yes	Yes	No
DBL9T9	No	Yes	Yes	No	EPG4QK	No	Yes	Yes	No
DCCHT3	No	Yes	Yes	No	EPVMD4	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
ERKYAN	No	Yes	Yes	No	GBRZ6Y	No	Yes	Yes	No
ETDVC4	No	Yes	Yes	No	GBTQCG	No	Yes	Yes	No
EUCRCY	No	Yes	Yes	No	GD4JGG	No	Yes	Yes	No
EUT7E3	No	Yes	Yes	No	GF4VXP	No	Yes	Yes	No
EUUU6T	No	Yes	Yes	No	GG28TH	No	Yes	Yes	No
F262ZH	No	Yes	Yes	No	GHDMLX	No	Yes	Yes	No
F27G79	No	Yes	Yes	No	GJ6UGU	No	Yes	Yes	No
F2RT6G	No	Yes	Yes	No	GKFP68	No	Yes	Yes	No
F794CJ	No	Yes	Yes	No	GKXX9	No	Yes	Yes	No
F7BRVH	No	Yes	Yes	No	GLXRYM	No	Yes	Yes	No
F8CPDJ	No	Yes	Yes	No	GM3DG8	No	Yes	Yes	No
F9KABC	No	Yes	Yes	No	GMDVUE	No	Yes	Yes	No
FGHVM7	No	Yes	Yes	No	GQ6F4N	No	Yes	Yes	No
FKGF4B	No	Yes	Yes	No	GQJRXL	No	Yes	Yes	No
FMUKL8	No	Yes	Yes	No	GREZVR	No	Yes	Yes	No
FMVM2D	No	Yes	Yes	No	GV4K79	No	Yes	Yes	No
FNLTEH	No	Yes	Yes	No	GWDJLB	No	Yes	Yes	No
FV2XBJ	No	Yes	Yes	No	GWRBWE	No	Yes	Yes	No
FWZR VF	No	Yes	Yes	No	GX6A8B	No	Yes	Yes	No
FXEYGW	No	Yes	Yes	No	GYZ8XB	No	Yes	Yes	No
FYP4RZ	No	Yes	Yes	No	GZ9JED	No	Yes	Yes	No
G2HK7D	No	Yes	Yes	No	H3A3JY	No	Yes	Yes	No
G3VYW8	No	Yes	Yes	No	H47CZV	No	Yes	Yes	No
G48P4Q	No	Yes	Yes	No	H9JRCM	No	Yes	Yes	No
G76YBF	No	Yes	Yes	No	HCL7YX	No	Yes	Yes	No
G8WV4F	No	Yes	Yes	No	HDYDPL	No	Yes	Yes	No
GA3KXC	No	Yes	Yes	No	HERJQX	No	Yes	Yes	No
GBPDLY	No	Yes	Yes	No	HFLAT6	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
HGE4UF	No	Yes	Yes	No	JRPTV6	No	Yes	Yes	No
HHTKTF	No	Yes	Yes	No	JT2TRY	No	Yes	Yes	No
HHUH4B	No	Yes	Yes	No	JT832C	No	Yes	Yes	No
HL9ZFZ	No	Yes	Yes	No	JTMEC3	No	Yes	Yes	No
HLN7T6	No	Yes	Yes	No	JUHNTY	No	Yes	Yes	No
HNEK32	No	Yes	Yes	No	JUZVWV	No	Yes	Yes	No
HPURMW	No	Yes	Yes	No	JVCLWY	No	Yes	Yes	No
HVQ3J9	No	Yes	Yes	No	JW4L3B	No	Yes	Yes	No
HYTDLG	No	Yes	Yes	No	JZ7BJY	No	Yes	Yes	No
J23ZRL	No	Yes	Yes	No	K4GYGZ	No	Yes	Yes	No
J6KXM4	No	Yes	Yes	No	K6EC28	No	Yes	Yes	No
J6LWGC	No	Yes	Yes	No	K6W8LU	No	Yes	Yes	No
J8ZQZP	No	Yes	Yes	No	K7CBM2	No	Yes	Yes	No
JABET3	No	Yes	Yes	No	K8ZZHE	No	Yes	Yes	No
JB8RHF	No	Yes	Yes	No	K9BXTB	No	Yes	Yes	No
JFG2DQ	No	Yes	Yes	No	K9HVB2	No	Yes	Yes	No
JFTDZG	No	Yes	Yes	No	KANGP2	No	Yes	Yes	No
JGX6EX	No	Yes	Yes	No	KBEM2K	No	Yes	Yes	No
JH4P3X	No	Yes	Yes	No	KJRMNA	No	Yes	Yes	No
JJVWXU	No	Yes	Yes	No	KKTDXX	No	Yes	Yes	No
JKFG27	No	Yes	Yes	No	KKZTW4	No	Yes	Yes	No
JLLTQU	No	Yes	Yes	No	KMNUQD	No	Yes	Yes	No
JNCVWH	No	Yes	Yes	No	KN32EF	No	Yes	Yes	No
JNREGF	No	Yes	Yes	No	KQE9Y3	No	Yes	Yes	No
JPHTFP	No	Yes	Yes	No	KTDMAK	No Interpretations Reported, DNA Analyzed for Database purposes only.			
JPNMVQ	No	Yes	Yes	No	KTFCF3	No	Yes	Yes	No
JQFWD8	No	Yes	Yes	No	KTNF6F	No	Yes	Yes	No
JRAXKD		Yes	Yes						

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
KUU9WN	No	Yes	Yes	No	M2J7LF	No Interpretations Reported, DNA Analyzed for Database purposes only.			
KV3ANU	No	Yes	Yes	No	M3V6HA	No	Yes	Yes	No
KXU3P4	No	Yes	Yes	No	M77RQA	No	Yes	Yes	No
KXVXBV	No	Yes	Yes	No	M7W98B	No	Yes	Yes	No
L36LEP	No	Yes	Yes	No	M8BQBG	No	Yes	Yes	No
L3QVNT	No	Yes	Yes	No	M92WPL	No	Yes	Yes	No
LALXP6	No	Yes	Yes	No	ME9TK3	No	Yes	Yes	No
LB2AE2	No	Yes	Yes	No	MN3C9U	No	Yes	Yes	No
LBWQGQX	No	Yes	Yes	No	MNCKXF	No Interpretations Reported, DNA Analyzed for Database purposes only.			
LC8T4W	No	Yes	Yes	No	MNYQT2	No	Yes	Yes	No
LCC44A	No	Yes	Yes	No	MPQXNY	No	Yes	Yes	No
LD2JAB	No	Yes	Yes	No	MPZJVF	No	Yes	Yes	No
LFBF9M	No	Yes	Yes	No	MQ8Y48	No	Yes	Yes	No
LFTL6R	No	Yes	Yes	No	MR2V42	No	Yes	Yes	No
LGJRJW	No	Yes	Yes	No	MTBH3F	No	Yes	Yes	No
LGPUJ3	No	Yes	Yes	No	N4AQ84	No	Yes	Yes	No
LHVMU3	No	Yes	Yes	No	N6Y9TW	No	Yes	Yes	No
LK22L3	No	Yes	Yes	No	N7EEK9	No	Yes	Yes	No
LMR7DE	No	Yes	Yes	No	N8M3X8	No	Yes	Yes	No
LPB9YZ	No	Yes	Yes	No	N9H7LT	No	Yes	Yes	No
LPUEED	No	Yes	Yes	No	NBB3ZF	No	Yes	Yes	No
LR2Z3D	No	Yes	Yes	No	NBN7M9	No	Yes	Yes	No
LR6QHE	No	Yes	Yes	No	NBQAF6	No	Yes	Yes	No
LR9FKQ	No	Yes	Yes	No	NDRLPQ	No	Yes	Yes	No
LT32EH	No	Yes	Yes	No	NDZGKJ	No	Yes	Yes	No
LX9VV7	No	Yes	Yes	No	NJJ9PK	No	Yes	Yes	No
LXC9PU	No	Yes	Yes	No	NK97MV	No	Yes	Yes	No
M28236	No	Yes	Yes	No					

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
NL6KCA	No	Yes	Yes	No	Q3KNXR	No	Yes	Yes	No
NLKN82	No	Yes	Yes	No	Q3QGB9	No	Yes	Yes	No
NLQZ4X	No	Yes	Yes	No	Q4DE48	No	Yes	Yes	No
NM4RUU	No	Yes	Yes	No	Q4GFWE	No	Yes	Yes	No
NNQW68	No	Yes	Yes	No	Q7MBQW	No	Yes	Yes	No
NT97Z6	No	Yes	Yes	No	Q8JQCU	No	Yes	Yes	No
NTDKD6	No	Yes	Yes	No	Q9WDU9	No	Yes	Yes	No
NUK6WY	No	Yes	Yes	No	QAP344	No	Yes	Yes	No
NVKXYD	No	Yes	Yes	No	QFETE6	No	Yes	Yes	No
NX7UD7	No	Yes	Yes	No	QG6YTB	No	Yes	Yes	No
NXLDW3	No	Yes	Yes	No	QH3ALR	No	Yes	Yes	No
NYUAH8	No	Yes	Yes	No	QLLGVD	No	Yes	Yes	No
P6D4N4	No	Yes	Yes	No	QMYNJF	No	Yes	Yes	No
PFMB46	No	Yes	Yes	No	QP4ENA	No	Yes	Yes	No
PH24MJ	No	Yes	Yes	No	QQULRT	No	Yes	Yes	No
PJDQBY	No	Yes	Yes	No	QU8GBW	No	Yes	Yes	No
PNBFKJ	No	Yes	Yes	No	QUY9H6	No	Yes	Yes	No
PPHLUY	No	Yes	Yes	No	QVA7X8	No	Yes	Yes	No
PQTNK4	No	Yes	Yes	No	QWZCAR	No	Yes	Yes	No
PUWD7L	No	Yes	Yes	No	QXAD4D	No	Yes	Yes	No
PVRTMP	No	Yes	Yes	No	R378Q7	No	Yes	Yes	No
PX2K9C	No	Yes	Yes	No	R3QYNX	No	Yes	Yes	No
PX3MRP	No	Yes	Yes	No	R4G633	No	Yes	Yes	No
PXDH6G	No	Yes	Yes	No	R6BZK6	No	Yes	Yes	No
PXWZTG	No	Yes	Yes	No	R7YXR6	No	Yes	Yes	No
PZ4UQ8	No	Yes	Yes	No	RFTEQR	No	Yes	Yes	No
Q2R9CH	No	Yes	Yes	No	RK86X9	No	Yes	Yes	No
Q39RQ3	No	Yes	Yes	No	RLRPC7	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
RMQFFK	No	Yes	Yes	No	TP7828	No	Yes	Yes	No
RPHZXB	No	Yes	Yes	No	TRGY93	No	Yes	Yes	No
RPWLDE	No	Yes	Yes	No	TRWDFC	No	Yes	Yes	No
RQM6WR	No	Yes	Yes	No	TWAYMX	No	Yes	Yes	No
RTDKDA	No	Yes	Yes	No	TWEKBQ	No	Yes	Yes	No
RU3L6W	No	Yes	Yes	No	TX4CZW	No	Yes	Yes	No
RUM3JD	No Interpretations Reported, DNA Analyzed for Database purposes only.				U9GVXY	No	Yes	Yes	No
RUPRPV	No	Yes	Yes	No	UBQAUK	No	Yes	Yes	No
RWCL9H	No	Yes	Yes	No	UDV3JH	No	Yes	Yes	No
RXC9H3	No	Yes	Yes	No	UEKCDQ	No	Yes	Yes	No
T4DAPA	No	Yes	Yes	No	UEPNKV	No	Yes	Yes	No
T63AWT	No	Yes	Yes	No	UKE7T7	No	Yes	Yes	No
T6AH3Z	No Interpretations Reported, DNA Analyzed for Database purposes only.				UKT4X6	No	Yes	Yes	No
T8772U	No	Yes	Yes	No	ULMJWZ	No	Yes	Yes	No
T8CFB8	No Interpretations Reported, DNA Analyzed for Database purposes only.				UMHV6M	No	Yes	Yes	No
T8NBLD	No	Yes	Yes	No	UVWQWA	No Interpretations Reported, DNA Analyzed for Database purposes only.			
T8V4T3	No	Yes	Yes	No	UW8RUU	No	Yes	Yes	No
T8XUYK	No	Yes	Yes	No	UXPJ8K	No	Yes	Yes	No
TAYZ46	No	Yes	Yes	No	V222L8	No	Yes	Yes	No
TECWRE	No	Yes	Yes	No	V43BDB	No	Yes	Yes	No
TEWNQQ	No	Yes	Yes	No	V494RC	No	Yes	Yes	No
TGUZFC	No Interpretations Reported, DNA Analyzed for Database purposes only.				V8HAJX	No	Yes	Yes	No
THU7Q4	No	Yes	Yes	No	V9YTXH	No	Yes	Yes	No
TL978Y	No	Yes	Yes	No	VBKGFA	No	Yes	Yes	No
TLFMPC	No Interp	No Interp	No Interp	No Interp	VCGRDX	No	Yes	Yes	No
TLVYYG	No	Yes	Yes	No	VEMBEE	No	Yes	Yes	No
TM2HYX	No	Yes	Yes	No	VG4GF2	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
VGDM2R	No	Yes	Yes	No	WME2ND	No	Yes	Yes	No
VGQKBW	No	Yes	Yes	No	WTLP3F	No	Yes	Yes	No
VHYFPE	No	Yes	Yes	No	WUR4G9	No	Yes	Yes	No
VKBZW4	No	Yes	Yes	No	WVNG2F	No	Yes	Yes	No
VKEJVR	No	Yes	Yes	No	WW96WV	No	Yes	Yes	No
VKNRMY	No	Yes	Yes	No	WWCPWV	No	Yes	Yes	No
VL4WDB	No	Yes	Yes	No	WXVT7V	No	Yes	Yes	No
VL6PAX	No Interpretations Reported, DNA Analyzed for Database purposes only.				WYMXEA	No	Yes	Yes	No
VLL2FG	No	Yes	Yes	No	WZJAB3	No	Yes	Yes	No
VPGVAC	No	Yes	Yes	No	X2TLJQ	No	Yes	Yes	No
VQ2FF9	No	Yes	Yes	No	X6BY7Z	No	Yes	Yes	No
VTLJVT	No	Yes	Yes	No	X6MW34	No	Yes	Yes	No
VUTNKB	No Interpretations Reported, DNA Analyzed for Database purposes only.				X74Q6Y	No	Yes	Yes	No
VUWCX9	No	Yes	Yes	No	X8WQCB	No	Yes	Yes	No
VUYFL	No	Yes	Yes	No	X8ZDQ4	No	Yes	Yes	No
WLGUFU	No	Yes	Yes	No	XA2H4N	No	Yes	Yes	No
VWAJLB	No	Yes	Yes	No	XBKZMX	No	Yes	Yes	No
VXZYR	No	Yes	Yes	No	XC8VXJ	No	Yes	Yes	No
W7BKKZ	No	Yes	Yes	No	XDN388	No	Yes	Yes	No
WB2W3P	No Interp	No Interp	No Interp	No Interp	XG7WAY	No	Yes	Yes	No
WBY8W8	No Interp	No Interp	No Interp	No Interp	XJCMC9	No	Yes	Yes	No
WC2R6U	No	Yes	Yes	No	XJEA8	No	Yes	Yes	No
WCBXAH	No	Yes	Yes	No	XK2GT4	No	Yes	Yes	No
WKAD4W	No	Yes	Yes	No	XK64CH	No	Yes	Yes	No
WLM39U	No	Yes	Yes	No	XLUVB8	No	Yes	Yes	No
WLNVB9	No	Yes	Yes	No	XNK2MR	No Interp	No Interp	No Interp	No Interp
WMD9MY	No	Yes	Yes	No	XNLR3M	No	Yes	Yes	No
					XPBXZ8	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
XQ9FMM	No	Yes	Yes	No	YPRM6Q	No	Yes	Yes	No
XRHKPP	No	Yes	Yes	No	YQKPLD	No	Yes	Yes	No
XRMUZN	No Interpretations Reported, DNA Analyzed for Database purposes only.				YT97TZ	No	Yes	Yes	No
XTV6HZ	No	Yes	Yes	No	YTW7CY	No	Yes	Yes	No
XU9T4K	No Interpretations Reported, DNA Analyzed for Database purposes only.				YU8DBK	No	Yes	Yes	No
XURJ8D	No	Yes	Yes	No	YX268W	No Interpretations Reported, DNA Analyzed for Database purposes only.			
XWBPEN	No	Yes	Yes	No	YYDZVA	No	Yes	Yes	No
XWE6XF	No	Yes	Yes	No	YYKXFL	No	Yes	Yes	No
XYM4JA	No	Yes	Yes	No	Z2LCNW	No	Yes	Yes	No
XZDGV2	No	Yes	Yes	No	Z44GZM	No	Yes	Yes	No
Y3FY9M	No	Yes	Yes	No	Z6Z8VT	No	Yes	Yes	No
Y7CC7K	No	Yes	Yes	No	Z7EH3Y	No	Yes	Yes	No
Y7CHBL	No	Yes	Yes	No	Z9DULR	No	Yes	Yes	No
Y7L4H3	No	Yes	Yes	No	Z9WQXR	No	Yes	Yes	No
YB6YRZ	No	Yes	Yes	No	ZA4HMN	No	Yes	Yes	No
YCTRV6	No	Yes	Yes	No	ZAEQ6N	No	Yes	Yes	No
YD8YJ8	No	Yes	Yes	No	ZBC23C	No	Yes	Yes	No
YDFVJ	No	Yes	Yes	No	ZEPVQV	No	Yes	Yes	No
YFTUWY	No	Yes	Yes	No	ZFZA3Q	No	Yes	Yes	No
YG4PHQ	No	Yes	Yes	No	ZGCD6A	No	Yes	Yes	No
YGGB3Z	No	Yes	Yes	No	ZMYCAP	No	Yes	Yes	No
YGXN74	No	Yes	Yes	No	ZPMMHV	No	Yes	Yes	No
YJPH8E	No	Yes	Yes	No	ZPR87X	No	Yes	Yes	No
YM7W3Z	No	Yes	Yes	No	ZTLP7Q	No	Yes	Yes	No
YNBMR3	No Interpretations Reported, DNA Analyzed for Database purposes only.				ZV8UU9	No	Yes	Yes	No
YNJBNN	No Interpretations Reported, DNA Analyzed for Database purposes only.				ZVHC8F	No	Yes	Yes	No
YNJL8X	No	Yes	Yes	No	ZVJ3KP	No	Yes	Yes	No



TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
ZVYNR7	No	Yes	Yes	No					
ZW4PL7	No	Yes	Yes	No					
ZWEQWT	No	Yes	Yes	No					
ZX6WBX	No	Yes	Yes	No					

<b>DNA Interpretation</b>					
<b>Response Summary</b>			<b>Participants reporting DNA results: 660</b>		
<i>Based on results obtained from DNA analysis, could the Victim (Item 1) and/or the Suspect (Item 2) be a contributor to the questioned stains (Items 3 &amp; 4)?</i>					
		Victim (Item 1)		Suspect (Item 2)	
		<u>Item 3</u>	<u>Item 4</u>	<u>Item 3</u>	<u>Item 4</u>
Yes		<b>0</b>	<b>630</b>	<b>630</b>	<b>0</b>
No		<b>628</b>	<b>0</b>	<b>0</b>	<b>628</b>
Inc		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
No Interpretation		<b>6</b>	<b>4</b>	<b>5</b>	<b>5</b>
No Response		<b>1</b>	<b>1</b>	<b>0</b>	<b>2</b>

Participants analyzing DNA for database purposes only: 25

# Additional Comments

## TABLE 8

WebCode	Additional Comments
24E3NE	Identifiler and PowerPlex Fusion amplification kits were used to test items 3 and 4 and the results were concordant. PowerPlex Fusion and Yfiler amplification kits were used to test items 1 and 4 and the results were concordant at the DY391 locus.
2AU4RY	NR = No result
2QGL69	1. Item 1 and Item 2 were extracted using in-situ method. 2. Item 3 and Item 4 were extracted using DNA IQ kit by Promega on Tecan Freedom EVO 150. 3. Item 3 and Item 4 were quantified using Quantifiler Human DNA Quantification kit. 4. Item 1 and Item 2 were amplified using AmFISTR Identifiler Direct STR Kit while Item 3 and Item 4 were amplified using AmFISTR Identifiler Plus STR Kit. 5. Y-STR amplification was carried out on Item 1, Item 2 and Item 4 using AmFISTR Y-Filer kit. 6. Electrophoresis was carried out using 3130x1 Genetic Analyzer. 7. Reagent blank, positive control and negative control were incorporated throughout the analysis.
32FQYU	STRmix probabilistic genotyping software was used to aid in the determination of genotype combinations. No stutter filters are applied when using this software and it is admitted that some stutter peaks can be recognized as true peaks.
34FKGQ	LCNY Yfiler was performed on item 4. Results were concordant at all overlapping loci. Fusion and Yfiler were performed on items 1 and 4. DYS391 was concordant at this locus for both samples.
3B4L2V	Locus DYS391 was typed in both Y-Filer and GlobalFiler kits for item 4. Results with this locus were concordant between both kits.
3HC264	PowerPlex Fusion and Yfiler results were concordant at DYS391 for samples 01A and 04A.
3QTMKF	Identifiler and Powerplex Fusion amplification kits were used to test items 1 and 2 and the results were concordant and the Powerplex Fusion and Yfiler amplification kits were used to test items 1 and 4 and results were concordant at the DYS391 locus.
3R6KUQ	NR/NE = No Results/Not Expected. There is discordance present between Fusion and Minifiler at locus D13 for item 3. The 10 allele has dropped out in Minifiler but present in Fusion. The D13 locus is reported as (8,10).
3RUMW2	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for minus stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one minus stutter peak being included in the DNA Results tables.
3Z3E2P	Powerplex Y23 sample processing was conducted on the following items: 1 and 4. Y-STR analysis and interpretation was not conducted. For samples 2 and 3, NR = no result (DYS391).
49L7RL	ITEM #2 AND ITEM #5: ELEVATED STUTTER AT D5S818 (IDENTIFILER)
4RFCBT	NA= Not Applicable. NR= No Results
4VLBNR	STRmix probabilistic genotyping software was used to aid in the determination of genotype combinations. No stutter filters are applied when using this software and it is admitted that some stutter peaks can be recognized as true peaks. Profiles (items 1, 2, 3, and 4) were analyzed using both Identifiler Plus and Minifiler kits. Allele calls from both kits were used so additional alleles may be present. Male screening interpretation, review, and report writing was covered in this proficiency test. A discordant result was observed for D13S317 between Identifiler Plus and Minifiler for items 2 and 3. This discordance was reproducible and reported to the technical leader per SOP. It was determined that the data for Identifiler Plus would be used, this data has been input into this form.
628KE2	STRmix genotyping probabilistic software was used to determine possible genotype combinations. No stutter filters are used when using this software and it is recognized that some stutter peaks can be recognized as true peaks.

TABLE 8

WebCode	Additional Comments
67EH33	LCN Yfiler was performed on Item 4. Results were concordant at all overlapping loci.
6C4MKQ	Items 3 and 4 were PSA tested to determine whether or not a differential extraction should be performed. Item 3 PSA test result: negative for semen. Item 4 PSA test result: negative for semen.
6J6CFW	Five alleles detected for the substrate control cutting from item 3 which are consistent with item 3. No STR results were obtained for the substrate control cutting from item 4. For item 3 at D3 GlobalFiler has 11 in ladder, but ID Plus does not; therefore, Globalfiler results were 11,16 and ID Plus results were <12,16. Alleles appear to be the same.
6YJ3JV	NR= No Result
6YXFYR	Both Identifiler and Globalfiler kits used on items 1 and 2. Results of all overlapping loci between the two kits are concordant with each other. In addition, both Globalfiler and Yfiler kits were used on items 1 and 4. Results of the overlapping locus DYS391 are concordant with each other. Y-Indel results from the Globalfiler kit were also reported for these two items.
6ZB9VF	NR = no results. Overlapping concordance btwn IDP & F6C loci, and YF & F6C loci. Serological testing of items 3 & 4 performed by Forensic Biology Analyst.
778KVG	Items 3 & 4 were not processed for STR analysis and Items 1 & 2 were processed for STR database purposes only. Items 1 through 4 were processed for mtDNA analysis. A serological evaluation was not performed on Items 3 & 4 as it is not necessary to determine the method of processing for mtDNA analysis.
7DPV6C	Powerplex Fusion and Yfiler amplification kits were used to test items 1 and 4 and the results were concordant at the DYS391 locus.
7KT7RR	N/A = Not Applicable. NR = No Results
7MMFTQ	NR= No results obtained at this locus
7PDL8W	Note: A test for acid phosphatase on Item 3 was inconclusive due to inability to detect color change due to substrate color.
7RFGXL	Globalfiler and Identifiler plus results concordant at overlapping loci. [From Table 2, YSTR Results, Item 1; Item 2: "NT = Not tested"; "No Results"; From Table 5a – Mitochondrial DNA Results, HVRI, Items 2 & 3: "rCRS"]
7X63WZ	Screening Tests #4: KM test-Presumptive testing indicates the possible presence of blood. This test alone does not confirm the presence of blood.
7ZRJ8T	The probabilistic genotyping software STRmix was used on this proficiency. We reported out all possible alleles generated in the Genotype Probability Distribution output files.
86KVTH	For Item 2, discordance was observed at D13S317 locus between the Identifiler Plus / Profiler Plus results [8,10], and that from MiniFiler [8]. Such discrepancy could be due to the difference in primer sequences between ID+/P+ and MiniFiler. The null allele "10" finding from the MiniFiler Kit is probably due to the Minifiler kit primer binding site mutation for this allele, thus, causing allelic dropout. Refer to (i) AmpFISTR® MiniFiler™ PCR Amplification Kit User Guide, p11; (ii) AmpFISTR® Identifiler® PCR Amplification Kit User Guide, p11; & (iii) AmpFISTR® Identifiler® Plus User Guide, p2 for additional information.
86WTPL	The genotype detected at the D13S317 locus for Item 2 and Item 3 differed between the Globalfiler/Identifiler Plus results (8,10) and the MiniFiler results (8,8).
876KK3	NT = NOT TESTED
879LNU	Minifiler was used to amplify item 3. Concordant results were obtained at all loci for Globalfiler and Minifiler except at D13S317. D13S317 typed as a homozygous 8 for Minifiler and as a heterozygous 8,10 in Globalfiler.

TABLE 8

WebCode	Additional Comments
8H2QE2	The Identifiler Plus results for D3S1358 in Items 2 and 3 are <12,16 (vs. 11,16 in GlobalFiler) due to the smaller number of ladder alleles in the Identifiler Plus kit. A comparison of the base pair values of the <12 alleles (~106bp) to the last available ladder allele (12 at ~110bp) are consistent with the call of 11 as obtained with GlobalFiler. The GlobalFiler value of 11 was reported in the table.
8M2BNX	STRmix probabilistic genotyping software was used to aid in the determination of genotype combinations. No stutter filters are applied when using this software and it is admitted that some stutter peaks can be recognized as true peaks. Profiles (Item 1, Item 2, Item 3, and Item 4) were analyzed using both Identifiler Plus and Minifiler kits. Allele calls from both kits were used so additional alleles may be present. Male screening interpretation, review, and report writing was covered in this proficiency test.
8M4Y8W	Item 3 AP inconclusive due to fabric color.
8RPR6P	PSA/P30 testing performed on Items 3 and 4 was negative. Testing performed to determine if samples needed differential extraction.
8YAFTM	NR = no results. PowerPlex Fusion and YFiler was performed on Items 1,2,3 and 4; results were concordant at DYS391.
8ZLQQW	STRmix probabilistic genotyping software was used to aid in the determination of genotype combinations. No stutter filters are applied when using this software and it is admitted that some stutter peaks can be recognized as true peaks. All profiles were analyzed using both Identifiler Plus and Minifiler kits. Allele calls from both kits were used so additional alleles may be present. Male screening interpretation, review and report writing was covered in this proficiency test.
93TJ8G	Human blood detected on items 3 and 4 by ABACard Hematrace test.
982WYN	Male screening utilizing the Plexor HY Quantification kit was also conducted on this test.
98ZYNR	Both Globalfiler and Minifiler kits were used to amplify item 3. The results were concordant at all loci with the exception of D13S317. At that locus, the DNA result obtained by using the Globalfiler kit was a heterozygous 8,10. With the Minifiler kit the DNA result was a homozygous 8.
9BZ4L7	Y-STR and mito DNA not performed in this laboratory.
9D6RNP	Inconclusive screening for the presence of male DNA means the quantity of male DNA detected was below the laboratory's minimum interpretation threshold (0.0007 ng/uL).
9DQ8GY	DNA Technician proficiency. Technician performed all lab work. Data entry/interpretation performed by [Initials]
9H36TR	NR= No Result
9H48C6	Minifiler results from item 1 are concordant with GlobalFiler results for those loci shared between the two kits. Mitochondrial and YSTR testing are not conducted in this laboratory
AFP43K	"NR/NE = no results/not expected"
AWD8V9	NR = no results
AZA38F	ITEM 2: ELEVATED STUTTER D5S818. ITEM 3: ELEVATED STUTTER D5S818
B2LWNF	For item 3, the D13S317 locus typed as 8,10 with Fusion but as 8 homozygous with Minifiler (10 null allele). This is likely due to a primer binding mutation within Minifiler. NR/NE= no results/not expected; NA = not applicable
B48B3W	A differential extraction using the QIAcube wash station was performed on Item 3 and its corresponding Reagent Blank in order to satisfy a QAS DNA requirement. A differential extraction would not have been performed normally based on the case scenario given as well as the fact that no semen was detected for Item 3; therefore, only the non-sperm fraction of Item 3 (Item 3-nonsp) was amplified and typed.

TABLE 8

WebCode	Additional Comments
BKHBD8	STRmix probabilistic genotyping software was used to aid in the determination of genotype combinations. No stutter filters are applied when using this software and it is admitted that some stutter peaks can be recognized as true peaks
BN47ZZ	Analysis of sexual assaults is not within the scope of the laboratory services. Therefore, no sexual assault screening tests or differential extractions were performed in the completion of this proficiency test.
BPBNXV	For Biology Screening only. The amylase diffusion test is a presumptive test for amylase (an enzyme found in body fluids including saliva) but not for saliva in general.
BQZHBK	N/A = NOT APPLICABLE. NR = NO RESULTS. { } = IMBALANCE
BRLDFL	Locus <i>DYS391</i> was typed in both Y-File and Globalfiler. Results at this locus were concordant between both kits.
BRM3QB	NR = No result. Power Plex Fusion 6C results were concordant with Identifiler Plus and Yfiler results at overlapping loci. Forensic Biologist performed additional screening tests. These results were used to determine extraction methods for 3 and 4.
BU2ZH7	Power Plex Fusion and Yfiler amplification kits were used to test items 1 and 4; the results were concordant at the <i>DYS391</i> locus for both.
BWT3F8	The probabilistic software STRmix was used on this proficiency. I reported out all possible alleles generated in the genotype Probability Distribution output files.
BX3488	Powerplex Fusion and Yfiler amplification kits were used to test item #1 and results were concordant at the <i>DYS391</i> locus. PowerPlex Fusion and Yfiler amplification kits were also used to test item #4 and the results were concordant at the <i>DYS391</i> locus. For item #3, the 13 peak at <i>D16S539</i> , the 11 peak at <i>D22S1045</i> and the 14 peak at <i>D8S1179</i> developed by PowerPlex Fusion typing is consistent with artificial stutter, but were in edited, per laboratory analysis guidelines.
C24BLH	Items 1-4 were amplified using Globalfiler, items 3 and 4 were additionally amplified with Identifiler Plus. The reporting analyst did not interpret Globalfiler results as that is outside her area of expertise. Furthermore, no comparisons were performed between the evidence and reference samples.
C2KM4M	The probabilistic genotyping software STRmix® was used on this proficiency. All possible alleles generated in the Genotype Probability Distribution output files were reported."
C93U4Z	[ ] - indicates minor allele/s and alleles between analytical and stochastic thresholds
CB6UP6	PowerPlex Fusion and Yfiler amplification kits were used to test items 1 and 4 and results were concordant at the <i>DYS391</i> locus. Identifiler and PowerPlex Fusion amplification kits were used to test items 1 and 2 and results were concordant at overlapping loci.
CBP24H	Fusion/Yfiler testing was performed on Items 1 - 4. Results were concordant at <i>DYS391</i> for all tested items. NR = No results obtained
CDYHJM	This participant was only tested in DNA interpretation and intentionally did not submit serology testing results. STRmix Probabilistic Genotyping software was used to aid in the interpretation of DNA samples and requires turning the stutter filters off in GMID-X. Removing the stutter filter can result in extra peaks in stutter positions receiving an allele call. STRmix considers all genotype possibilities in a profile and occasionally stutter peaks can be recognized as true alleles. For the purpose of this test all possible genotypes were recorded.
CMJP66	The STRmix program was used to calculate a likelihood ratio during interpretation. The results are concordant with the interpretation in "part III" above [Table 7]. Powerplex Fusion and Identifiler amplification kits were used to test items 1 + 2 and the results were concordant. Powerplex Fusion and Yfiler amplification kits were used to test items 1 + 4 and the results were concordant.

TABLE 8

WebCode	Additional Comments
CX6VCU	STRmix Probabilistic Genotyping software was used to aid in the interpretation of DNA samples and requires turning the stutter filters off in GMID-X. Removing the stutter filter can result in extra peaks in stutter positions receiving an allele call. STRmix considers all genotype possibilities in a profile and occasionally stutter peaks can be recognized as true alleles. For the purpose of this test all possible genotypes were recorded.
D4NK9N	Concordant results were obtained with Minifiler and Globalfiler for item 3 at all loci except D13S317. The Globalfiler result at this locus was 8,10. The Minifiler result at this locus was 8.
DM23JU	STRmix genotyping probability software was used to determine possible genotype combinations. No stutter filters are used when using this software and it is recognized that some stutter peaks can be recognized as true peaks.
DR9WTV	Item 3.1 had very low male quant(0.000125 ng)using the Quant Trio Kit. Due to this quant value the sample was amplified with the Yfiler Plus amplification kit and typed to determine if a low quality male profile could be generated. No profile was developed.
DYLZQH	PSA testing was performed to determine if the sample was to be sent deferentially or not.
E7D4WT	Biology Screening Only. Amylase diffusion is a presumptive test for Amylase, not the presence of saliva.
ECFFPJ	The probabilistic genotyping software STRmix was used on this proficiency. We reported out all possible alleles generated in the Genotype Probability Distribution output files. [Location] Lab SOP indicates on single source interpretations, once we have made an association further comparisons are not required.
ELLF3Q	For Item 4, presumptive testing indicates the possible presence of blood.
F8CPDJ	Participant's note concerning boxes: Empty box indicates that no experiment was performed on that marker. Participant's note concerning sequence deviations in Mitochondrial DNA Analysis: "xxx.1" designation refers to an insertion after the base "xxx"; for example, "315.1" refers to an insertion after base "315". Empty box refers to the absence of any deviations in the related sequence.
F9KABC	There is a discordance between Fusion and MF at D13 for Item 3. The 10 allele dropped out in MF but not Fusion (8,10 genotype). D13 is reported as 8,10. NR/NE = No Results/Not Expected
G2HK7D	Discordant results obtained in Item 3 at D13S317 locus in Powerplex Fusion ("8,10") and Minifiler ("8"). Results from Powerplex Fusion ("8,10") were used for reporting. NR/NE = No Results/Not Expected
G8BH2V	Only serology analysis performed.
GBRZ6Y	The probabilistic genotyping software STRMix was used on this proficiency. We reported out all possible alleles generated in the Genotype Probability Distribution output files.
GF4VXP	1. Item 1 and Item 2 were extracted using in-situ method and amplified using AmpFISTR Identifiler Direct in the 9700 Thermal cycler. 2. Item 3 and Item 4 were extracted using Chelex method. Then, it was quantified using Quantifiler Human DNA quantitation kit and carried out 7500 Real Time PCR. Amplification done using AmpFISTR Identifiler Plus kit. 3. Item 1 and Item 4 were amplified using Yfiler kit in the 9700 Thermal Cyclor. 4. Reagent blank, positive and negative control were carried out along with the analysis and all gave the intended results.
GG28TH	NR=no result
GHDMLX	NR = No Results
GREZVR	N/T = not tested
GWRBWE	Items 3 and 4 were PSA tested to determine the extraction method. Both samples were negative for PSA so they were extracted as non-differential samples. The serology testing is not part of this proficiency test.
GX6A8B	NR = No Results

TABLE 8

WebCode	Additional Comments
GYZ8XB	Item 2 and Item 3 were tested using Investigator 24plex QS; however, no Y-STR results were reported due to being female. Item 1, Item 2, Item 3 and Item 4 were processed using QIAGEN's Investigator 24plex QS kit; however, this is not currently an option for sorting.
H3A3JY	Identifiler and Powerplex Fusion amplification kits were used to test items 1 and 2 and the results were concordant. Powerplex Fusion and Yfiler amplification kits were used to test items 1 and 4 and the results were concordant at the DYS391 locus.
H9JRCM	NR = No results
HCL7YX	The probabilistic genotyping software STRmix was used on this proficiency. We reported out all possible alleles generated on the genotype probability distribution output files.
HGE4UF	The probabilistic genotyping software STRmix was used on this proficiency. We reported out all possible alleles generated in the Genotype Probability Distribution output files.
HPURMW	STRmix probabilistic genotyping software was used to aid in the determination of genotype combinations. No stutter filters are applied when using this software and it is admitted that some stutter peaks can be recognized as true peaks. Minifiler results concordant with Identifiler Plus results.
J8ZQZP	ND = Not Detected
JH3TGF	Items 3 & 4 screened w/ FLS per protocol -> no positive results so no tests were performed.
JLLTQU	STRmix probabilistic genotyping software was used to aid in the determination of genotype combinations. No stutter filters are applied when using this software and it is admitted that some stutter peaks can be recognized as true peaks. STRMIX minifiler results were consistent with ID Plus results.
JNCVWH	All results from Minifiler were concordant with the results from Globalfiler for item 3, except at D13S317, which typed as an 8 in Minifiler and as an 8,10 in Globalfiler.
JPHTFP	1)Item 1 and item 2 were extracted using the in-situ extraction method. 2)Item 3 and Item 4 were extracted using the Chelex method and quantification was carried out using the Quantifiler Human DNA Quantification kit. 3) Y-STR was carried out for Item 1 and Item 4 using the AmpFiSTR Y-Filer kit. 4) Electrophoresis was carried out using 3130xl Genetic Analyzer. 5) Reagent Blank, Positive control and negative control were also incorporated throughout the analysis. 6) Item 3 and Item 4 were amplified using Identifiler Plus STR kit. 7) Item 1 and Item 2 were amplified using Identifiler Direct STR kit.
JT2TRY	Item 1 and Item 2 were tested with both Identifiler and Powerplex Fusion kits. Results were concordant. Also, the Powerplex Fusion results at DYS391 for Item 1 and Item 4 are concordant with the results from the Yfiler kit.
JZ7BJY	STRMix probabilistic genotyping software was used to aid in the determination of genotype combinations. No stutter filters are applied when using this software and it is admitted that some stutter peaks can be recognized as true peaks.
K4GYGZ	All Part 1: Screening Tests on Page 2 [Table 1] performed by a qualified Forensic Biologist. N/A = No result obtained. Concordance was achieved between kits with overlapping loci for all samples.
K6EC28	PowerPlex Y23 sample processing was conducted on the following items: Item 1 and Item 4. Y-STR analysis and interpretation was not conducted.
K6W8LU	STRmix probabilistic genotyping software was used to aid in the determination of genotype combinations. No stutter filters are applied when using this software and it is admitted that some stutter peaks can be recognized as true peaks.
K7CBM2	Items 3 & 4 were also analysed using the SGM+ kit - the results were concordant with the Identifiler results. Items 3 and 4 were also analysed using the Minifiler kit. For item 4 the results were concordant with the Identifiler results. For item 3 there was a non-concordance at D13. The Minifiler results were an unambiguous 8,8 at this locus whereas they were an unambiguous 8,10 in the Identifiler profile. This non-concordance is likely due to a primer binding site mutation.

TABLE 8

WebCode	Additional Comments
K9HVB2	The laboratory used an [country] Caucasian database.
KQE9Y3	NR = no result. Identifiler Plus & Fusion 6C overlapping loci concordant. Forensic Biology analyst performed body fluid testing
L3QVNT	Mito and Y-STR DNA analysis are not performed at this laboratory.
LCC44A	Item 4 was typed in GlobalFiler and Yfiler amplification kits. Results for the overlapping locus, DYS391, were the same (a 9 allele) for both kits.
LGPUJ3	Genotyping discrepancies between the Identifiler Plus / Profiler Plus and Minifiler kits were found in locus D13S317 of extracted DNA from the female suspect's blood sample (Item 2), in which Identifiler Plus / Profiler Plus kits gave genotypes 8,10 while the Minifiler kit gave genotype 8 only.
LHVMU3	Item 1 and 2 were processed for STR database purposes. Item 3 and 4 were not processed for STR analysis. Items 1,2,3 and 4 were processed for mtDNA analysis. A serological evaluation was not performed as it is not necessary to determine the method of processing for mtDNA analysis. Item 2: The allele calls at D13 between MiniFiler (8,8) and PP16 (8,10) were found to differ. This is likely due to a primer binding issue resulting in a null allele at the D13 locus. The profile obtained from the PP16 amp is reported.
LMR7DE	NR = No Result
LR2Z3D	The DNA typing and maternal lineage results obtained from the questioned stain from the passenger seat fabric (Item 3) is compatible to known blood from the female suspect (Item 2). While, questioned stain from the suspect's shirt (Item 4) and known blood from the male victim (Item 1) showed the same results of autosomal-STR, Y-STR profile and maternal lineage.
M2J7LF	Item 3 and Item 4 were not processed.
M3V6HA	Items 3 and 4 were p30 tested to determine what extraction method would be chosen.
M7W98B	[From Table 3 - YSTR Amplification Kit(s) & Results, Item 2: "NR=No Results"]
M92WPL	1. Item 1 and Item 2 were extracted using in-situ method. 2. Item 3 and Item 4 were extracted using DNA IQ kit by Promega on TECAN FREEDOM EVO 150. 3. Item 3 and Item 4 were quantified using Quantifiler Human DNA Quantification kit. 4. Item 1 and Item 2 were amplified using AmFISTR Identifiler Direct STR kit while Item 3 and Item 4 were amplified using AmFISTR Identifiler Plus STR kit. 5. Y-STR amplification was carried out on Item 1 and Item 4 using AmFISTR Y-Filer kit. 6. Electrophoresis was carried out using 3130xl Genetic Analyzer. 7. Reagent blank, positive control and negative control were incorporated throughout the analysis.
MTBH3F	Minifiler was used to amplify item 3. For item 3, the following result was obtained for the D13 locus in Minifiler: D13: 8. For item 3, the following result was obtained for the D13 locus in GlobalFiler: D13: 8,10. All remaining loci for item 3 had concordant results for GlobalFiler and Minifiler. GlobalFiler, GlobalFiler Express and YFiler Plus results were concordant for DYS391 and Y indel.
N8M3X8	N/A = Not Applicable. NR = No Results
NBN7M9	NR = No Results
NBQAF6	Identifiler Plus and GlobalFiler results were fully concordant.
NJJ9PK	At D3S1358, for items 2 and 3, a <12,16 genotype was detected in Identifiler Plus, and an 11,16 genotype was detected in Globalfiler. Comparing the <12 allele in Identifiler Plus to the allelic ladder demonstrates that this allele is comparable to the 11 allele detected in Globalfiler. Therefore the 11 allele will be reported for both samples.
NL6KCA	RSID-saliva and PSA testing was performed on items 3 and 4 to assess the need for a differential extraction. Results were negative for both tests for each sample. The results were not reported as the serologist associated with this test is not currently proficient in these testing methods.



TABLE 8

WebCode	Additional Comments
NLKN82	Identifiler and Powerplex Fusion amplification tests were used to test Items 1 and 2; the results were concordant. Powerplex Fusion and Yfiler amplification kits were used to test items 1 and 4; the results were concordant at the <i>DYS391</i> locus.
NT97Z6	NR= No result
NX7UD7	Identifiler Plus and Globalfiler results were concordant for Items 3 and 4 respectively.
PQTNK4	Items 1, 2, 3 and 4 were extracted by using organic extraction. Extracted DNA samples were amplified using Applied Biosystems AmpFLSTR Identifiler Plus (STR) and Yfiler (STR) kits. Separations and detected of amplified products were performed using Applied Biosystems 3130xL Genetic Analyzer and analysis was carried out by GeneMapper ID v3.2.1 software.
PX2K9C	NR = No Result
PX3MRP	#3 and #4 were screened for blood in the Forensic Biology section w/ the following results: { #3 KM (pos), RSID-Blood (pos), { #4 O-tol (pos), Hematrace (pos). The overlapping loci between Identifiler Plus and Fusion 6C for #1, #2, #3 and #4 were concordant.
PXWZTG	Item 3 was processed in Identifiler Plus and MiniFiler. There is concordance at all overlapping loci. Item 4 was processed in Identifiler Plus and MiniFiler. There is concordance at all overlapping loci.
PZ4UQ8	<i>DYS391</i> was typed in both Y-Filer and Globalfiler kits for item 4. Results with this locus were concordant between kits.
Q3QGB9	In the DNA results section(Part II) [Table 3], NR is an abbreviation for no interpretable DNA results.
Q4GFWE	NR = No DNA typing results obtained for this locus
Q9WDU9	NR = No result/no report
QG6YTB	Minifiler was also used to amplify item 3. Concordant results were obtained with all loci for Globalfiler and Minifiler except for <i>D13S317</i> ; Globalfiler- 8,10 and Minifiler-8.
QH3ALR	The probabilistic genotyping software, STRmix, was used on this proficiency. We reported out all possible alleles generated in the genotype probability distribution output files.
R378Q7	The probabilistic genotyping software STRmix® was used on this proficiency. We reported out all possible alleles generated in the Genotype Probability Distribution output files.
R7YXR6	{ } = imbalanced alleles. NA = not applicable. NR = No results
RK86X9	NR = No result
RTDKDA	No STR results were obtained for the substrate controls. For item 3 at <i>D3</i> , Globalfiler has 11 in ladder but IDplus does not. Therefore, Globalfiler results were 11,16 and IDplus results were <12,16. Alleles appear to be the same.
RU3L6W	ITEM #3 PRESENTED AN ELEVATED STUTTER ON <i>D5S818</i> .
T4DAPA	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for minus stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one minus stutter peak being included in the DNA Results tables.
TECWRE	ND=not detected
THU7Q4	Locus <i>DYS391</i> was typed in both YFiler and GlobalFiler kits for item 4. Results at this locus were concordant in both kits.
TLFMPC	This test was only used for screening (blood tests only) and known DNA standard profile development for Items 1 and 2 (no DNA testing performed on Items 3 and 4).

TABLE 8

WebCode	Additional Comments
TRGY93	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.
U9GVXY	The allele call at DYS391 was found to be concordant in the Yfiler and PowerPlex Fusion kits for each sample respectively.
UKE7T7	[From Table 3 - YSTR Amplification Kit(s) & Results, Items 2 & 3: "NR = No Results"]
UMHV6M	Item 3: Blood indicated. No semen identified. No saliva indicated. Item 4: Blood indicated. No semen identified. No saliva indicated.
UXPJ8K	Y-STR and mitochondrial DNA analyses are not performed in this laboratory.
VQ2FF9	The following exhibits were inconclusive for the presence of amylase due to unexpected color change results: 3 & 4. The following exhibits were inconclusive for the presence of acid phosphatase due to difficulty in accurately detecting a color change as a result of the substrate color: 3 & 4.
VUWCX9	STRmix probabilistic genotyping software was used to aid in the determination of genotype combinations. No stutter filter are applied when using this software and it is admitted that some stutter peaks can be recognized as true peaks. Profiles (items #1-#4) were analyzed using both Identifiler Plus and Minifiler kits. Allele calls from both kits were used so additional alleles may be present. Male screening interpretation, review, and report writing was covered in this proficiency test.
W7BKKZ	NR = No Result
WKAD4W	Item 2 and Item 3 were tested using Investigator 24plex QS however no Y-STR results reported due to being female. The samples were processed using QIAGEN's Investigator 24plex QS kit, however this is not currently an option for sorting.
WMD9MY	Note: Locus DYS391 was typed in both Yfiler and Globafiler kits. Results for this locus were concordant between both kits.
XA2H4N	NR = no results
XDN388	STRmix probabilistic genotyping software was used to aid in the determination of genotype combinations. No stutter filters are applied when using this software and it is admitted that some stutter peaks can be recognized as true peaks. Male screening was performed on items 3 and 4. Male screening interpretation, review, and report writing was covered in this proficiency test.
XJCMC9	PG/STRMix was used for interpretation.
XK2GT4	No STR results were obtained for the substrate controls
XPBXZ8	NR=No typing results
XQ9FMM	Serological tests were done by Forensic biologist. Results from Fusion 6C and (IDP + YF) were concordance at overlapping loci. NR = No Results
Y7CC7K	PowerPlex Fusion and Yfiler amplification kits were used to test items 1 and 4 and the results were concordant at the DYS391 locus.
YCTRV6	Electropherograms supplied to the analyst for interpretation and report writing. Serology, extraction, quantitation, amplification and capillary electrophoresis not completed by this analyst.

TABLE 8

WebCode	Additional Comments
YD8YJ8	Concordant results were obtained at DYS391 (allele 9) for Items 1 and 4 using the Yfiler and Fusion 6C kits. The results for DYS570 and DYS576 are from the Fusion 6C analysis.
YDFFVJ	Identifiler and Powerplex Fusion amplification kits were used to test item 1 and the results were concordant. Identifiler and Powerplex Fusion amplification kits were used to test item 2 and the results were concordant. Powerplex Fusion and Yfiler amplification kits were used to test item 1 and the results were concordant at the DYS391 locus. Powerplex Fusion and Yfiler amplification kits were used to test item 4 and the results were concordant at the DYS391 locus.
YFTUWY	Locus DYS391 was typed in both YFiler and GlobalFiler kits. Results at this locus were concordant between both kits.
YU8DBK	KM testing performed by analyst, other screening tests performed by forensic biologist. Identifiler Plus & Fusion 6C results concordant for overlapping loci. Fusion 6C & Yfiler concordant @ DYS391. NR = No Results. [From Table 5a - Mitochondrial DNA - HVRI Results, Items 2 and 3: "No differences".]
YX268W	"NR/NE" means no results/not expected
Z7EH3Y	NR = No result
ZA4HMN	For Item 2 (the female suspect's control), the DNA types of the D13S317 system was 8,10 as obtained from Identifiler Plus kit and Profiler Plus kit, whereas it was 8,8 as obtained from Minifiler kit.
ZPMMHV	Locus DYS391 was typed in both Y-Filer and GlobalFiler kits. Results at this locus were concordant between both kits.
ZX6WBX	The probabilistic genotyping software STRmix was used on this proficiency. We reported out all possible alleles generated in the Genotype Probability Distribution output files.

# Appendix: Data Sheet

Collaborative Testing Services ~ Forensic Testing Program

## **Test No. 17-5702: Forensic Biology**

DATA MUST BE RECEIVED BY May 8, 2017 TO BE INCLUDED IN THE REPORT

Participant Code:

WebCode:

### **Accreditation Release Statement**

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

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

#### Scenario:

Police are investigating the stabbing homicide of a male victim who was found in a parked car behind a convenience store. The victim died from a single stab wound to the neck, which severed his jugular vein. No weapon was recovered at the scene. A reddish stain was recovered from the seat fabric from the front passenger seat. Based on security camera footage from the convenience store, a female suspect was seen exiting the victim's vehicle and was identified by the victim's family as the victim's ex-girlfriend. A warranted search of the female's apartment recovered a long-sleeve shirt with a red stain from the back of her closet. Investigators are submitting the stains from the passenger seat (Item 3) and the suspect's shirt (Item 4), along with known blood samples from the male victim and the female suspect.

#### Items Submitted (Sample Pack B2):

- Item 1: Known blood from the male victim.
- Item 2: Known blood from the female suspect.
- Item 3: Questioned stain from the passenger seat fabric. (dark gray material)
- Item 4: Questioned stain from the suspect's shirt. (blue/white striped material)

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

Page 1 of 10

**Part I: SCREENING TESTS**

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

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

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

Test	Abbreviation	Test	Abbreviation
Acid Phosphatase	AP	Ortho-tolidine	O-tol
Alternate Light Source	ALS	Phenolphthalein-Tetramethyl benzidine	PTMB
Kastle Meyer	KM	Prostate Specific Antigen	PSA
Leucomalachite Green	LMG	Tetramethyl benzidine	TMB
Microscopic	Micro		

**Example**

Please indicate the Test(s) Performed on the corresponding line for each type of screening.

Item	Positive	Negative	Inconclusive	Not Tested	Test(s) Performed
Blood	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	KM, O-tol, PTMB
Semen	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	PSA
Saliva	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Other (specify) _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

**Item 3**

	Positive	Negative	Inconclusive	Not Tested	Test(s) Performed
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"/>	_____

**Item 4**

	Positive	Negative	Inconclusive	Not Tested	Test(s) Performed
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	D4S2408	D5S818	
<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\*\***

The data sheet has been updated to include the GlobalFiler™ and PowerPlex® Fusion amplification kits. The sheet has also been updated to include the Next Generation Sequencing Kit ForenSeq™ and the associated STR and YSTR loci.

The YSTR section has also been expanded to include all of the YFiler® Plus loci.

For the amplification kits that contain both STR and YSTR loci, please select the corresponding kit in the YSTR section, and enter the loci in that section.

If a locus is not listed on the following 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 only additional kit specific information in the blank provided (i.e.16, Direct, etc.).

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

GlobalFiler™ \_\_\_\_\_     ForenSeq™    Other \_\_\_\_\_

<b>ITEM</b>	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
<b>1</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>ITEM</b>	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
<b>1</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>ITEM</b>	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
<b>1</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>ITEM</b>	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
<b>1</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

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

Yfiler® \_\_\_\_\_     GlobalFiler™     PowerPlex® Fusion \_\_\_\_\_

PowerPlex® Y \_\_\_\_\_     ForenSeq™    Other \_\_\_\_\_

<b>ITEM</b>	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	DYS437
<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"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>ITEM</b>	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
<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"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>ITEM</b>	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	Y GATA H4	Y Indel
<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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

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

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

COfiler®/Profiler Plus®   
  Identifiler® \_\_\_\_\_   
  PowerPlex® \_\_\_\_\_  
 GlobalFiler™ \_\_\_\_\_   
  ForenSeq™   
 Other \_\_\_\_\_

<b>ITEM</b>	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
<b>2</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>ITEM</b>	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
<b>2</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>ITEM</b>	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
<b>2</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>ITEM</b>	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
<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 E	SE33	TH01	TPOX	vWA	
<b>2</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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

Yfiler® \_\_\_\_\_   
  GlobalFiler™   
  PowerPlex® Fusion \_\_\_\_\_  
 PowerPlex® Y \_\_\_\_\_   
  ForenSeq™   
 Other \_\_\_\_\_

<b>ITEM</b>	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	DYS437	
<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"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>ITEM</b>	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
<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"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>ITEM</b>	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	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"/>	<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 only additional kit specific information in the blank provided (i.e. 16, Direct, etc.).

COfiler®/Profiler Plus®   
  Identifiler® \_\_\_\_\_   
  PowerPlex® \_\_\_\_\_  
 GlobalFiler™ \_\_\_\_\_   
  ForenSeq™   
 Other \_\_\_\_\_

<b>ITEM</b>	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>ITEM</b>	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>ITEM</b>	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>ITEM</b>	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>ITEM</b>	Penta E	SE33	TH01	TPOX	vWA	
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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

Yfiler® \_\_\_\_\_   
  GlobalFiler™   
  PowerPlex® Fusion \_\_\_\_\_  
 PowerPlex® Y \_\_\_\_\_   
  ForenSeq™   
 Other \_\_\_\_\_

<b>ITEM</b>	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	DYS437	
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>ITEM</b>	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>ITEM</b>	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	Y GATA H4	Y Indel
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please return all pages of this data sheet.

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

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

COfiler®/Profiler Plus®   
  Identifiler® \_\_\_\_\_   
  PowerPlex® \_\_\_\_\_  
 GlobalFiler™ \_\_\_\_\_   
  ForenSeq™   
 Other \_\_\_\_\_

<b>ITEM</b>	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>ITEM</b>	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>ITEM</b>	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>ITEM</b>	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>ITEM</b>	Penta E	SE33	TH01	TPOX	vWA	
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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

Yfiler® \_\_\_\_\_   
  GlobalFiler™   
  PowerPlex® Fusion \_\_\_\_\_  
 PowerPlex® Y \_\_\_\_\_   
  ForenSeq™   
 Other \_\_\_\_\_

<b>ITEM</b>	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	DYS437	
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>ITEM</b>	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>ITEM</b>	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	Y GATA H4	Y Indel
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<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)?

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

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**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 08, 2017* to be included in the report. Emailed data sheets are not accepted.

QUESTION? ONLINE DATA ENTRY: [www.cts-portal.com](http://www.cts-portal.com)  
 TEL: +1-571-434-1925 (8 am - 4:30 pm EST) FAX: +1-571-434-1937  
 EMAIL: [forensics@cts-interlab.com](mailto:forensics@cts-interlab.com) MAIL: Collaborative Testing Services, Inc.  
[www.ctsforensics.com](http://www.ctsforensics.com) 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. **17-5702: Forensic Biology**

This release page must be completed and received by **May 8, 2017** to have this participant's submitted data included in the reports forwarded to the respective Accreditation Bodies.

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

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

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

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

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

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

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

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

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

<b>Accreditation Release</b>	
<b><u>Return Instructions</u></b>	
<i>Please submit the completed Accreditation Release at the same time as your full data sheet. See Data Sheet Return Instructions on the previous page.</i>	<i>Questions? Contact us 8 am-4:30 pm EST Telephone: +1-571-434-1925 email: forensics@cts-interlab.com</i>

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