



## **Forensic Biology Test No. 17-5705 Summary Report**

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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 639 participants 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, pink material (Item 3) and one on clean, dark green material (Item 4). Participants were requested to analyze these items using their existing protocols.

**SAMPLE PREPARATION:** The stains in Items 1, 2, and 4 were prepared from human whole blood which was either drawn into citric acid preservative blood bags or EDTA tubes. The Item 3 stain was a mixture prepared from human whole blood and semen. The semen sample was received frozen from an outside supplier. The semen sample was first thawed and mixed 1:1 with TAE buffer, then mixed 1:1 with the blood. Items 1 (75  $\mu$ l) and 4 (50  $\mu$ l) were prepared using blood collected from the same female donor. Item 2 (75  $\mu$ l) was prepared using blood collected from a male donor. Item 3 (50  $\mu$ l) was a mixture of blood from the Item 2 male donor and semen from a third party male donor whose known blood standard was not provided. Stains from different sources were prepared at separate times and were packaged once they were thoroughly dried. Completed sample sets were stored at -20°C until shipment on September 05, 2017 following receipt of predistribution results.

**SAMPLE SET ASSEMBLY:** For each sample set, all four Items (1-4) were packed into separate envelopes and then placed together 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:** All predistribution laboratories confirmed the manufacturer's expected associations. Allelic results were consistent for all STR and YSTR loci with the exception of the D18S51 locus for Items 1 and 4. One pre-distribution laboratory reported an additional allele described as barely above their analytical threshold at this locus for the donor that was used for make Items 1 and 4. After an investigation, no changes were deemed necessary prior to distribution.

## 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	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	
1	15,16	24,25	11,12	14,18	*	8,11
	*	8,10	13,15	*	15,15	18,19
	8,11	9,11	*	12,14.2	12.2,13.2	*
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	
2	12,15	17,25	10,11.3	15,17	*	11,11
	*	11,12	10,12	*	13,16	21,22
	9,12	10,12	*	17,17	12,15	*
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7	17,28.2	9,9	8,8	16,18	
3-Blood	12,15	17,25	10,11.3	15,17	*	11,11
	*	11,12	10,12	*	13,16	21,22
	9,12	10,12	*	17,17	12,15	*
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7	17,28.2	9,9	8,8	16,18	
3-Semen	16,18.3	17,19	11,14	16,18	*	12,12
	*	10,11	10,16	*	13,17	20,22
	9,13	10,12	*	12,12	13,15	*
	31,31	15,15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8,8	15,16	
4	15,16	24,25	11,12	14,18	*	8,11
	*	8,10	13,15	*	15,15	18,19
	8,11	9,11	*	12,14.2	12.2,13.2	*
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	

<i>YSTR Results</i>											
<i>Results compiled from predistribution laboratories and a consensus of at least 10 participants.</i>											
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
2	36,37	14	11,13	13	29	25	11	14	13	15	
	12	12	18	30	16	17	11	25	*	38	
	*	13	12	16	18	*	23	23	10	12	2
3-Blood	36,37	14	11,13	13	29	25	11	14	13	15	
	12	12	18	30	16	17	11	25	*	38	
	*	13	12	16	18	*	23	23	10	12	2
3-Semen	37	15	15,16	13	31	23	10	12	14	14	
	10	11	20	27	15	16	11	27	*	38	
	*	12	12	18	16	*	20	23	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>61-392</b>	<b>16022-16379</b>
<b>2</b>	<b>63-392</b>	<b>16022-16379</b>
<b>4</b>	<b>60-386</b>	<b>16024-16387</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	152.0	182.0	185.0	195.0	247.0	263.0	315.1	357.0	16126.0	16187.0	16189.0	16223.0	16264.0	16270.0	16278.0	16293.0	16311.0
<b>ITEM 1</b>	G	C	T	T	C	A	G	C	G	C	T	C	T	T	T	T	G	C

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

	73.0	152.0	182.0	185.0	195.0	247.0	263.0	315.1	357.0	16126.0	16187.0	16189.0	16223.0	16264.0	16270.0	16278.0	16293.0	16311.0
<b>ITEM 4</b>	G	C	T	T	C	A	G	C	G	C	T	C	T	T	T	T	G	C

## Summary Comments

The 17-5705 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 female donor. Item 2 was created using blood collected from a male donor. Item 3 was a mixture containing blood from the Item 2 male donor and semen from a second male donor whose known blood standard was not provided to participants. (See Manufacturer's Information for preparation details)

Data were returned by a total of 639 participants.

### Screening Test Results:

Screening results were returned by a total of 586 participants.

For Item 3, 574 participants returned "Positive" results for the presence of blood, while one reported "Negative". For the presence of semen, 553 participants reported "Positive" results, while one participant reported "Negative". There were 154 participants that returned "Negative" results for saliva, while one participant reported "Positive" and another reported "Inconclusive".

For Item 4, all 575 participants that returned results for blood reported "Positive". For the presence of semen, all 531 participants that returned results reported "Negative". There were 147 participants that reported "Negative" for the presence of saliva, while one reported "Positive".

### DNA Analysis Results:

Of the 636 participants that returned DNA results, 72 did not report any DNA interpretations. Of these, 23 stated that they analyzed samples for database purposes only.

For the Item 3 stain, 550 participants excluded the victim (Item 1) as a possible contributor, while four were inconclusive and one participant included the victim. There were 551 participants that included the suspect (Item 2) as a possible contributor to Item 3, while three participants were inconclusive and one excluded the suspect (Item 2) as a possible contributor.

For the Item 4 stain, all 564 participants that reported interpretations included the victim (Item 1) as a possible contributor. There were 563 participants that excluded the suspect (Item 2), and one that included the suspect (Item 2) as a possible contributor.

Sixty nine participants reported allelic results that differed from consensus/predistribution results. Of these, 47 participants reported additional alleles at one or more loci. There were 10 participants that were missing alleles at one or more loci. In addition, five participants reported inconsistent loci at one or more loci. Finally, there were seven participants that reported a combination of either inconsistent alleles, additional alleles and/or were missing alleles at one or more loci.

Nine participants noted in their Additional Comments that at the D18S51 locus for both Items 1 and 4, there was an additional "14" allele. Most participants attributed this allele to possible stutter, however a few did mention the possibility of a tri-allele at this locus. One participant did note that the "14 allele in GeneMapper ID-X" at D18S51 for Items 1 and 4 was a "known artifact per Promega Corporation validation".

While reviewing the data submitted for this test, it was noted that there has been a marked increase in the presence of stutter and/or reporting of such an artifact. The number of participants reporting the use of probabilistic genotyping has also increased. CTS has noted that there is an apparent correlation between the increase in reporting stutter and the increase in the number of participants reporting using Probabilistic Genotyping. Moving forward, CTS aims to improve the organization of data submitted using this new type of technology.

## 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			
	Blood	Semen	Saliva	Other
<b>223XT3</b>				
Item 3	Pos KM, HemDirect	Pos AP, Micro	NT	
Item 4	Pos KM, HemDirect	Neg AP	NT	
<b>224PWP</b>				
Item 3	Pos KM, Hematrace	Pos AP, Micro, RSID Semen	NT	
Item 4	Pos KM, Hematrace	Neg ALS, AP	NT	
<b>24DJUB</b>				
Item 3	Pos KM, O-tol	Pos AP, Micro (CT, SH)	Neg Phadebas	
Item 4	Pos KM, O-tol	Neg Micro (CT), PSA, AP	Neg Phadebas	
<b>264W92</b>				
Item 3	Pos Visual Exam, Luminol, KM, Takayama, Hemdirect	Pos ALS, AP, Micro	Neg Amylase Diffusion	
Item 4	Pos Visual Exam, Luminol, KM, Takayama, Hemdirect	Neg ALS, AP, Micro	Neg Amylase Diffusion	
<b>26PBYZ</b>				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
<b>289HY8</b>				
Item 3	Pos TMB	Pos AP, Micro, PSA, ALS	NT	
Item 4	Pos TMB	Neg AP, ALS	NT	
<b>293AMY</b>				
Item 3	Pos LMG	Pos AP, PSA	Neg RSID-Saliva	
Item 4	Pos LMG	Neg AP	Neg RSID-Saliva	
<b>29HF24</b>				
Item 3	Pos KM, Hematrace	Pos AP, Micro, PSA	Neg Phadebas	
Item 4	Pos KM, Hematrace	Neg AP	Neg Phadebas	
<b>2BRGD3</b>				
Item 3	Pos KM	Pos 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
<b>2C62Z7</b>				
Item 3	Pos KM, Takayama Reagent	Pos AP, Micro, PSA	Neg RSID-Saliva	Human Origin, Pos Plexor HY
Item 4	Pos KM, HemaTrace	Neg AP	Neg Phadebas	Human Origin, Pos HemaTrace, Plexor HY
<b>2GJNWC</b>				
Item 3	Pos KM	Pos AP, PSA	NT	
Item 4	Pos KM	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
2KH9M2					
Item 3	Pos	KM	Pos AP, Micro, PSA	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
2LXATA					
Item 3	Pos	KM	Pos AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM	Neg AP, PSA, Micro	Neg Phadebas	
2PB7BK					
Item 3	Pos	KM, Takayama	Pos AP	NT	
Item 4	Pos	KM, Takayama	Neg AP	NT	
2QJD87					
Item 3	Pos	KM			Zygem, Pos male DNA
Item 4	Pos	KM			
2U3BZ3					
Item 3	Pos	KM, LMG, RSID	Pos AP, Micro, PSA	Neg RSID	
Item 4	Pos	KM, LMG, RSID	Neg AP, Micro PSA	Neg RSID	
2WV49T					
Item 3	Pos	KM	Pos ALS, FBB, PSA	NT	
Item 4	Pos	KM	Neg ALS, FBB	NT	
2X6BBL					
Item 3	Pos	KM, HEMDIRECT	Pos AP, PSA, MICRO, ALS	NT	
Item 4	Pos	KM, HEMDIRECT	Neg AP, PSA, MICRO, ALS	NT	
2YRZAE					
Item 3	NT		Pos AP	NT	Male DNA Screen, Pos Quantifiler Trio
Item 4	NT		Neg AP	NT	Male DNA Screen, Neg Quantifiler Trio
2ZQ7K8					
Item 3	Pos	TMB	Pos ALS, AP, Micro	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
32NNK3					
Item 3	Pos	KM	Pos 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
32TFZG					
Item 3	Pos	LMG, HemaTrace	Pos AP, PSA, ALS, Micro	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP, PSA, ALS, Micro	NT	
344DH6					
Item 3	Pos	KM	Pos AP, Micro	NT	
Item 4	Pos	KM	Neg AP		



TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
<b>34KCV3</b>						
Item 3	<b>Pos</b>	KM, OBTI	<b>Pos</b>	ALS, AP, Micro, PSA	<b>Neg</b> ALS, Phadebas	
Item 4	<b>Pos</b>	KM, OBTI	<b>Neg</b>	ALS, AP, Micro, PSA	<b>Neg</b> ALS, Phadebas	
<b>37BNFU</b>						
Item 3	<b>Pos</b>	TMB	<b>Pos</b>	ALS, AP, Micro, PSA	<b>NT</b>	<b>Human origin, Pos</b> Hematrace
Item 4	<b>Pos</b>	TMB	<b>Neg</b>	ALS, AP	<b>NT</b>	<b>Human origin, Pos</b> Hematrace
<b>393CGP</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>39KJHZ</b>						
Item 3	<b>NT</b>		<b>Pos</b>	AP	<b>NT</b>	
Item 4	<b>NT</b>		<b>Neg</b>	AP	<b>NT</b>	
<b>39MBAG</b>						
Item 3	<b>Pos</b>	KM	<b>Pos</b>	PSA, AP, Micro	<b>NT</b>	
Item 4	<b>Pos</b>	KM	<b>Neg</b>	AP	<b>NT</b>	
<b>3C3HXG</b>						
Item 3	<b>Pos</b>	LMG, Hematrace	<b>Pos</b>	AP, Micro, PSA	<b>NT</b>	
Item 4	<b>Pos</b>	LMG, Hematrace	<b>Neg</b>	AP	<b>NT</b>	
<b>3CG683</b>						
Item 3	<b>Pos</b>	KM	<b>Pos</b>	AP, Micro	<b>NT</b>	
Item 4	<b>Pos</b>	KM	<b>Neg</b>	AP	<b>NT</b>	
<b>3CXCBY</b>						
Item 3	<b>Pos</b>	KM, Hematrace	<b>Pos</b>	AP, PSA, MICRO	<b>NT</b>	
Item 4	<b>Pos</b>	KM, Hematrace	<b>Neg</b>	AP	<b>NT</b>	
<b>3H7MJT</b>						
Item 3	<b>Pos</b>	KM, hematrace	<b>Pos</b>	AP, micro	<b>NT</b>	
Item 4	<b>Pos</b>	KM, hematrace	<b>Neg</b>	AP, micro	<b>NT</b>	
<b>3LM74N</b>						
Item 3	<b>Pos</b>	KM	<b>Pos</b>	ALS, AP, Micro	<b>Neg</b> Phadebas	
Item 4	<b>Pos</b>	KM	<b>Neg</b>	ALS, AP	<b>Neg</b> Phadebas	
<b>3LQJ8Y</b>						
Item 3	<b>Pos</b>	KM	<b>Pos</b>	ALS, AP	<b>NT</b>	
Item 4	<b>Pos</b>	KM	<b>Neg</b>	ALS, AP	<b>NT</b>	
<b>3LU2CP</b>						
Item 3	<b>Pos</b>	KM, Hematrace	<b>Pos</b>	AP, Micro, PSA	<b>Neg</b> Phadebas	
Item 4	<b>Pos</b>	KM, Hematrace	<b>Neg</b>	AP, Micro, PSA	<b>Neg</b> Phadebas	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
3LUYMK					
Item 3	Pos	O-tol	Pos AP, Micro	NT	
Item 4	Pos	O-tol	Neg AP	NT	
3Q3KBH					
Item 3	Pos	LMG, Hematrace	Pos AP, Micro, PSA	NT	
Item 4	Pos	LMG, Hematrace	Neg AP	NT	
3VNJEW					
Item 3	Pos	KM, Hematrace	Pos PSA	Neg RSID	Male DNA, Pos Y-Screening (Plexor HY)
Item 4	Pos	KM, Hematrace	Neg PSA	Neg RSID	Male DNA, Neg Y-Screening (Plexor HY)
3X33HR					
Item 3	Pos	KM, ABACard HemaTrace	Pos AP, PSA	Neg Phadebas press	
Item 4	Pos	KM, ABACard HemaTrace	Neg AP	Neg Phadebas press	
3XJ4H9					
Item 3	Pos	KM	Pos AP, Micro, ABA p30	Neg Phadebas	
Item 4	Pos	KM	Neg AP, Micro, ABA p30	Neg Phadebas	
3YYBXX					
Item 3	Pos	KM, Hematrace	Pos AP, PSA, Micro	NT	
Item 4	Pos	KM, Hematrace	Neg AP	NT	
446BU2					
Item 3	Pos	KM	Pos ALS, AP, Micro	Neg ALS, Phadebas	human DNA detected, Pos Quant Trio
Item 4	Pos	KM	Neg ALS, AP, Micro	Neg ALS, Phadebas	human DNA detected, Pos Quant Trio
44Z46Y					
Item 3	Pos	KM, Hematrace	Pos AP, Micro, PSA	Neg Phadebas, ALS	
Item 4	Pos	Km, Hematrace	Neg AP, Micro, PSA	Neg Phadebas, ALS	
4787AH					
Item 3	Pos	KM	Pos ALS, AP, Micro	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
47MPUF					
Item 3	Pos	KM, RSID, LMG, TMB	Pos AP, RSID, Micro	Neg Phadebas	
Item 4	Pos	KM, RSID, LMG, TMB	Neg AP, RSID, Micro	Neg Phadebas	
482WDC					
Item 3	Pos	LMG, HT	Pos AP, PSA	NT	
Item 4	Pos	LMG, HT	Neg AP	NT	
48WN34					
Item 3	Pos	KM, Micro (Takayama)	Pos AP, PSA, Micro (Sperm)		
Item 4	Pos	KM, Micro (Takayama)	Neg AP, PSA, Micro (Sperm)		

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
4D9KTY					
Item 3	Pos	Hemastix	Pos AP	NT	
Item 4	Pos	Hemastix	Neg AP	NT	
4JP8G9					
Item 3					Male DNA, Pos Y-screening
Item 4					Male DNA, Neg Y-screening
4JVD3D					
Item 3	Pos	LMG, HT	Pos AP, PSA	NT	
Item 4	Pos	LMG, HT	Neg AP	NT	
4KALMY					
Item 3	Pos	KM, HB	Pos AP, Micro, PSA	NT	
Item 4	Pos	KM, HB	Neg AP	NT	
4KAWT3					
Item 3	Pos	KM	Pos AP, Micro	NT	
Item 4	Pos	KM	Neg AP	NT	
4KTNZ2					
Item 3	Pos	KM, OBTI	Pos ALS, AP, PSA, Micro	NT	
Item 4	Pos	KM, OBTI	Neg ALS, AP, PSA, Micro	NT	
4L2QWX					
Item 3	Pos	KM, Hematrace	Pos AP, PSA, Micro	NT	
Item 4	Pos	KM, Hematrace	Neg AP	NT	
4P24FW					
Item 3	Pos	TMB, Hematrace	Pos ALS, AP, PSA, Micro	NT	
Item 4	Pos	TMB, Hematrace	Neg ALS, AP	NT	
4PGCCX					
Item 3	NT		NT	NT	Y-Screen, Pos Alkaline Lysis
Item 4	NT		NT	NT	Y-Screen, Neg Alkaline Lysis
4XC7VQ					
Item 3	Pos	KM, HT	Pos AP, Micro, p30	NT	
Item 4	Pos	KM, HT	Neg AP	Neg RSID	
4YQUWH					
Item 3	Pos	ABA Heme	Pos PSA, micro	NT	
Item 4	Pos	ABA Heme	Neg PSA, micro	NT	
4ZGYPN					
Item 3	Pos	KM, Hematrace	Pos AP, p30, micro	NT	
Item 4	Pos	KM, hematrace	Neg AP, p30	Neg RSID	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
<b>62BWK3</b>					
Item 3	Pos	KM, Takayama	Pos AP, micro	Neg phadebas, RSID-saliva	human, Pos Plexor HY
Item 4	Pos	KM, Takayama	Neg AP	Neg RSID-saliva	human, Pos Plexor HY
<b>63A99H</b>					
Item 3	Pos	O-tol	Pos ALS, AP, PSA	NT	Human Blood, Pos RSID
Item 4	Pos	O-tol	Neg ALS, AP	NT	Human Blood, Pos RSID
<b>63HJRE</b>					
Item 3	Pos	KM, Hematrace	Pos AP, ALS, PSA, MICRO	NT	
Item 4	Pos	KM, Hematrace	Neg AP, ALS, PSA, MICRO	NT	
<b>67T46B</b>					
Item 3	Pos	KM	Pos AP, PSA	NT	
Item 4	Pos	KM	Neg AP	NT	
<b>68AQ7G</b>					
Item 3	Pos	LMG, HT	Pos AP, PSA	NT	
Item 4	Pos	LMG, HT	Neg AP	NT	
<b>68ZJAF</b>					
Item 3	Pos	ABA heme	Pos PSA, micro	NT	
Item 4	Pos	ABA heme	Neg PSA, micro	NT	
<b>69V2KH</b>					
Item 3	Pos	HemDirect	Pos PSA, micro	NT	
Item 4	Pos	HemDirect	Neg PSA, micro	NT	
<b>6ARKDX</b>					
Item 3	Pos	KM	Pos AP, Micro	NT	
Item 4	Pos	KM	Neg AP	NT	
<b>6BJHUQ</b>					
Item 3	Pos	KM	Pos AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro		
<b>6BUMU8</b>					
Item 3	Pos	Hemastix	Pos Brentamine		
Item 4	Pos	Hemastix	NT		
<b>6BUPF6</b>					
Item 3	Pos	KM	Pos ALS, AP, Micro	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
<b>6CQTGT</b>					
Item 3	Pos	KM	Pos AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
6CXZQV					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
6F89VR					
Item 3	Pos	LMG	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos	LMG	Neg ALS, AP	NT	
6FR2PP					
Item 3	Pos	KM, Hematrace	Pos AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	Km, Hematrace	Neg AP, PSA, Micro	Neg Phadebas	
6K98NK					
Item 3	Pos	KM	Pos AP	NT	
Item 4	Pos	KM	Neg AP	NT	
6LEVCA					
Item 3	Pos	ABAcad HemaTrace	Pos ABAcad p30	NT	
Item 4	Pos	ABAcad HemaTrace	Neg ABAcad p30	NT	
6LJ99X					
Item 3	Pos	KM, HemDirect	Pos AP	NT	
Item 4	Pos	KM, HemDirect	Neg AP	NT	
6MCZHJ					
Item 3	Pos	KM, HemDirect	Pos AP, micro	NT	
Item 4	Pos	KM, HemDirect	Neg AP	NT	
6MWQCN					
Item 3	Pos	LMG	Pos ALS, AP, P30, Micro		
Item 4	Pos	LMG	Neg ALS, AP		
6Q73W4					
Item 3	Pos	KM, Hematrace	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos	KM, Hematrace	Neg ALS, AP, Micro, PSA		
6TGUDY					
Item 3	Pos	HemaTrace	Pos ALS, AP, PSA, Micro	NT	
Item 4	Pos	HemaTrace	Neg ALS	NT	
6V68W3					
Item 3	Pos	KM	NT	NT	Male DNA, Pos Zygem & qRT-PCR
Item 4	Pos	KM	NT	NT	Male DNA, NT
6WHX78					
Item 3	Pos	KM, HemDirect	Pos ALS, AP, Micro	Neg RSID Saliva	
Item 4	Pos	KM, HemDirect	Neg ALS, AP, Micro	Neg RSID Saliva	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
6XCJZX					
Item 3	Pos	KM, Hematrace	Pos	AP, PSA, Micro	NT
Item 4	Pos	KM, Hematrace	Neg	AP	NT
6ZZ8DY					
Item 3	Pos	KM, Hematrace	Pos	AP, P30, micro	NT
Item 4	Pos	KM, Hematrace	Neg	AP	NT
72TEYM					
Item 3	Pos	PTMB	Pos	AP, ALS, Micro	NT
Item 4	Pos	PTMB	Neg	AP, ALS	NT
76TN6J					
Item 3	Pos	KM, HemDirect	Pos	AP	NT
Item 4	Pos	KM, HemDirect	Neg	AP	NT
78TRTJ					
Item 3	Pos	KM	Pos	AP, Micro	NT
Item 4	Pos	KM	Neg	AP	NT
799VTH					
Item 3	Pos	KM, Takayama	Pos	AP	NT
Item 4	Pos	KM, Takayama	Neg	AP	NT
79BMKY					
Item 3	Pos	KM	Pos	AP	NT
Item 4	Pos	KM	Neg	AP	NT
7D6JGP					
Item 3	Pos	LMG	Pos	AP, Micro	NT
Item 4	Pos	LMG	Neg	AP, Micro	
7EDXH4					
Item 3	Pos	KM	Pos	ALS, AP, Micro	NT
Item 4	Pos	KM	Neg	ALS, AP, Micro	NT
7EFLVN					
Item 3	Pos	KM, Hematrace	Pos	AP, PSA, Micro	Neg Phadebas
Item 4	Pos	Km, Hematrace	Neg	AP, PSA, Micro	Neg Phadebas
7FPT7G					
Item 3	Pos	KM	Pos	ALS, AP, Micro	NT
Item 4	Pos	KM	Neg	ALS, AP	NT
7HFUAJ					
Item 3	Pos	KM	Pos	AP, Micro	NT
Item 4	Pos	KM	Neg	AP	NT

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
7L89C8						
Item 3	Pos	LMG, RSID-Blood	Pos	AP, RSID-Semen	Neg	RSID-Saliva
Item 4	Pos	LMG, RSID-Blood	Neg	AP, RSID-Semen	Neg	RSID-Saliva
7MKNUE						
Item 3	Pos	ABA Heme	Pos	PSA, Micro	NT	
Item 4	Pos	ABA Heme	Neg	PSA, Micro	NT	
7R22YN						
Item 3	Pos	PTMB	Pos	ALS, AP, PSA, micro	NT	
Item 4	Pos	PTMB	Neg	ALS, AP	NT	
7TWH7						
Item 3	Pos	LMG, Hematrace	Pos	AP, Micro, PSA	NT	
Item 4	Pos	LMG, Hematrace	Neg	AP	NT	
7X7QJ2						
Item 3	Pos	KM, Takayama	Pos	AP, Micro, p30	Neg	phadebas, RSID saliva PlexorHY
Item 4	Pos	KM, Takayama	Neg	AP	Neg	phadebas Human Origin, Pos PlexorHY
7X7T4Y						
Item 3	Pos	KM	Pos	AP, Micro	NT	
Item 4	Pos	KM	Neg	AP	NT	
7XLA4Y						
Item 3	Pos	KM	Pos	AP, micro, PSA	NT	
Item 4	Pos	KM	Neg	AP	NT	
7XQEZB						
Item 3	Pos	KM, Hematrace	Pos	ALS, AP, Micro, PSA	NT	
Item 4	Pos	KM, Hematrace	Neg	ALS, AP	NT	
7ZU8N3						
Item 3	Neg	KM	Pos	ALS, AP, PSA, Micro		
Item 4	Pos	KM	Neg	ALS, AP, PSA		
82NEDD						
Item 3	Pos	KM, HemDirect	Pos	AP	NT	
Item 4	Pos	KM, Takayama	Neg	AP	NT	
84DQBX						
Item 3	Pos	KM	Pos	AP	NT	
Item 4	Pos	KM	Neg	AP	NT	
84QDHY						
Item 3	Pos	KM & qRT-PCR	NT	NT		Male Screening, Pos Zygem Extraction & qRT-PCR
Item 4	Pos	KM	NT	NT		

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
<b>86NETX</b>					
Item 3	<b>Pos</b>	KM, HemDirect	<b>Pos</b>	ALS, AP, Micro	<b>Neg</b> ALS, RSID Saliva
Item 4	<b>Pos</b>	KM, HemDirect	<b>Neg</b>	ALS, AP, Micro	<b>Neg</b> ALS, RSID Saliva
<b>88AABV</b>					
Item 3	<b>Pos</b>	O-tol	<b>Pos</b>	AP, PSA	
Item 4	<b>Pos</b>	O-tol	<b>Neg</b>	AP, PSA	
<b>89JEKD</b>					
Item 3	<b>Pos</b>	Kastle-Meyer	<b>NT</b>	<b>NT</b>	<b>Male DNA, Pos</b> Zygem
Item 4	<b>Pos</b>	Kastle-Meyer	<b>NT</b>	<b>NT</b>	
<b>8BMA8M</b>					
Item 3	<b>Pos</b>	KM	<b>Pos</b>	AP, micro	<b>NT</b>
Item 4	<b>Pos</b>	KM	<b>Neg</b>	AP, micro	<b>NT</b>
<b>8CMWE2</b>					
Item 3	<b>Pos</b>	red-brown, ppth, O-tol	<b>Pos</b>	AP, micro	
Item 4	<b>Pos</b>	red-brown, ppth, O-tol	<b>Neg</b>	AP, micro	
<b>8D3CHG</b>					
Item 3	<b>Pos</b>	KM	<b>Pos</b>	AP	<b>NT</b>
Item 4	<b>Pos</b>	KM	<b>Neg</b>	AP	<b>NT</b>
<b>8EMJEH</b>					
Item 3	<b>Pos</b>	KM, HemaTrace	<b>Pos</b>	PSA, micro	<b>NT</b>
Item 4	<b>Pos</b>	KM, HemaTrace	<b>Neg</b>	PSA	<b>Neg</b> RSID
<b>8GCMBW</b>					
Item 3	<b>Pos</b>	KM	<b>Pos</b>	AP, micro	<b>Neg</b> Phadebas
Item 4	<b>Pos</b>	KM	<b>Neg</b>	AP, micro	<b>Neg</b> Phadebas
<b>8LRZ8D</b>					
Item 3	<b>Pos</b>	LMG	<b>Pos</b>	RSID	<b>NT</b>
Item 4	<b>Pos</b>	LMG	<b>Neg</b>	RSID	<b>NT</b>
<b>8MTWVF</b>					
Item 3	<b>Pos</b>	KM	<b>Pos</b>	ALS, AP, Micro	<b>NT</b>
Item 4	<b>Pos</b>	KM	<b>Neg</b>	ALS, AP	<b>NT</b>
<b>8N2A4V</b>					
Item 3	<b>Pos</b>	KM, Hematrace	<b>Pos</b>	AP, Micro, PSA	<b>NT</b>
Item 4	<b>Pos</b>	KM, Hematrace	<b>Neg</b>	AP	<b>NT</b>
<b>8NFD6M</b>					
Item 3	<b>Pos</b>	KM	<b>Pos</b>	AP, Micro	<b>NT</b>
Item 4	<b>Pos</b>	KM	<b>Neg</b>	AP	<b>NT</b>



TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
<b>8PMWQC</b>					
Item 3	Pos	LMG	Pos	PSA, Micro	NT
Item 4	Pos	LMG	Neg	PSA, Micro	NT
<b>8Q2FEF</b>					
Item 3	Pos	LMG, HT	Pos	AP, PSA	NT
Item 4	Pos	LMG, HT	Neg	AP	NT
<b>8TTBGG</b>					
Item 3	Pos	O-tol	Pos	ALS, AP, PSA, Micro	NT Human Blood, Pos RSID
Item 4	Pos	O-tol	Neg	ALS, AP, PSA	NT Human Blood, Pos RSID
<b>8UPYRY</b>					
Item 3	Pos	o-tol	Pos	AP, micro	Neg RSID-saliva
Item 4	Pos	o-tol	Neg	AP, micro	Neg RSID-saliva
<b>942E3D</b>					
Item 3	Pos	LMG	Pos	PSA	Neg SALLgAE
Item 4	Pos	LMG	Neg	PSA	Neg SALLgAE
<b>948NYJ</b>					
Item 3	Pos	KM, Hematrace	Pos	AP, Micro	Neg RSID
Item 4	Pos	KM, Hematrace	Neg	AP	Neg RSID
<b>94M7Z4</b>					
Item 3	Pos	TMB	Pos	ALS, AP, PSA, Micro	NT Species Origin, Pos HemaTrace
Item 4	Pos	TMB	Neg	ALS, AP	NT Species Origin, Pos HemaTrace
<b>96E7WE</b>					
Item 3	Pos	KM, Hematrace	Pos	AP, PSA, Micro	Neg Radial Diffusion
Item 4	Pos	KM, Hematrace	Neg	AP	NT
<b>96ZKPD</b>					
Item 3	Pos	PTMB	Pos	AP, PSA, Micro	NT
Item 4	Pos	PTMB, Hematrace	Neg	AP, PSA	Neg Phadebas tablet
<b>9792AP</b>					
Item 3	Pos	KM, Hematrace	Pos	PSA, Micro	Neg RSID Male DNA, Pos Y-screening
Item 4	Pos	KM, Hematrace	Neg	PSA, Micro	Neg RSID Male DNA, Neg Y-screening
<b>97FQ7N</b>					
Item 3	Pos	KM, HemaTrace	Pos	AP, Seratec, Micro	NT
Item 4	Pos	KM, HemaTrace	Neg	AP, Seratec	NT
<b>9EUTA6</b>					
Item 3	Pos	KM	Pos	AP, PSA	NT
Item 4	Pos	KM	Neg	AP	NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
9JL2FW					
Item 3	<b>Pos</b>	KM, HemDirect	<b>Pos</b>	AP	NT
Item 4	<b>Pos</b>	KM, HemDirect	<b>Neg</b>	AP	NT
9KTEVX					
Item 3	<b>Pos</b>	KM, OBTI	<b>Pos</b>	ALS, AP, Micro, P30	<b>Neg</b> Phadebas
Item 4	<b>Pos</b>	KM, OBTI	<b>Neg</b>	ALS, AP, Micro, P30	<b>Neg</b> Phadebas
9P6FWV					
Item 3	<b>Pos</b>	O-tol	<b>Pos</b>	AP, Micro, PSA	NT
Item 4	<b>Pos</b>	O-tol	<b>Neg</b>	AP, PSA	NT
9PJN4B					
Item 3	<b>Pos</b>	O-tol, HemDirect	<b>Pos</b>	AP, PSA, Micro	<b>Neg</b> Amylase
Item 4	<b>Pos</b>	O-tol, HemDirect	<b>Neg</b>	AP, PSA, Micro	<b>Neg</b> Amylase
9QYY6N					
Item 3	<b>Pos</b>	LMG	<b>Pos</b>	ALS, AP, PSA, Micro	NT
Item 4	<b>Pos</b>	LMG	<b>Neg</b>	ALS, AP	NT
9RCH3Z					
Item 3	<b>Pos</b>	KM	NT	NT	<b>male DNA</b> Zygem & qRT-PCR
Item 4	<b>Pos</b>	KM	NT	NT	
9RCMGN					
Item 3	<b>Pos</b>	KM, Hematrace	<b>Pos</b>	ALS, AP, Seratec, Micro	NT
Item 4	<b>Pos</b>	KM, Hematrace	<b>Neg</b>	ALS, AP, Seratec	NT
9RGY6K					
Item 3	<b>Pos</b>	PTMB, Hematrace	<b>Pos</b>	ALS, AP, PSA, Micro	<b>Neg</b> Phadebus tablet <b>Urine, Neg</b> Uritrace
Item 4	<b>Pos</b>	PTMB	<b>Neg</b>	ALS, AP	NT
9YDU64					
Item 3	<b>Pos</b>	LMG, Hematrace	<b>Pos</b>	AP, Micro, PSA	NT
Item 4	<b>Pos</b>	LMG, Hematrace	<b>Neg</b>	AP	NT
9ZL37W					
Item 3	<b>Pos</b>	LMG, HemDirect	<b>Pos</b>	RSID, PSA, Micro, AP	<b>Neg</b> RSID, Phadebas
Item 4	<b>Pos</b>	LMG, HemDirect	<b>Neg</b>	RSID, PSA, Micro, AP	<b>Neg</b> RSID, Phadebas
A2HQCX					
Item 3	<b>Pos</b>	PPTH, O-tol, red-brown	<b>Pos</b>	AP, micro	NT
Item 4	<b>Pos</b>	PPTH, O-tol, red-brown	<b>Neg</b>	AP, micro	NT
A2RVBU					
Item 3	<b>Pos</b>	KM, Hematrace	<b>Pos</b>	AP, PSA, Micro	<b>Neg</b> Phadebas
Item 4	<b>Pos</b>	KM, Hematrace	<b>Neg</b>	AP	<b>Neg</b> Phadebas

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
<b>A323DM</b>					
Item 3	<b>Pos</b>	KM, Hematrace	<b>Pos</b> PSA, Micro	<b>Neg</b> RSID	<b>Male DNA, Pos</b> Y-Screening
Item 4	<b>Pos</b>	KM, Hematrace	<b>Neg</b> PSA, Micro	<b>Neg</b> RSID	<b>Male DNA, Neg</b> Y-Screening
<b>A36LKY</b>					
Item 3	<b>Pos</b>	Phenolphthalein	<b>Pos</b> ALS, AP, Micro	<b>NT</b>	
Item 4	<b>Pos</b>	Phenolphthalein	<b>Neg</b> ALS, AP	<b>NT</b>	
<b>A42YBD</b>					
Item 3	<b>Pos</b>	O-tol	<b>Pos</b> AP, micro	<b>NT</b>	
Item 4	<b>Pos</b>	O-tol	<b>Neg</b> AP	<b>NT</b>	
<b>A76UQU</b>					
Item 3	<b>Pos</b>	KM, OBTI	<b>Pos</b> ALS, AP, Micro, PSA	<b>NT</b>	
Item 4	<b>Pos</b>	KM, OBTI	<b>Neg</b> ALS, AP, Micro, PSA	<b>NT</b>	
<b>A7P9GT</b>					
Item 3	<b>Pos</b>	KM, LMG, RSID	<b>Pos</b> AP, Micro, PSA	<b>Neg</b> RSID	
Item 4	<b>Pos</b>	KM, LMG, RSID	<b>Neg</b> AP	<b>Pos</b> RSID	
<b>A8P8RE</b>					
Item 3	<b>Pos</b>	LMG	<b>Pos</b> AP, Micro	<b>NT</b>	
Item 4	<b>Pos</b>	LMG	<b>Neg</b> AP	<b>NT</b>	
<b>A9TCLZ</b>					
Item 3	<b>Pos</b>	HEMOPHAN, FOB	<b>Pos</b> PHOSPHATESMO, PSA, RSID SEMEN	<b>Neg</b> RSID SALIVA	
Item 4	<b>Pos</b>	HEMOPHAN, FOB	<b>Neg</b> PHOSPHATESMO, PSA, RSID SEMEN	<b>Neg</b> RSID SALIVA	
<b>AADMBA</b>					
Item 3	<b>Pos</b>	LMG, HemaTrace	<b>Pos</b> AP, Micro, PSA	<b>NT</b>	
Item 4	<b>Pos</b>	LMG, HemaTrace	<b>Neg</b> AP	<b>NT</b>	
<b>AAMRJQ</b>					
Item 3	<b>Pos</b>	LMG, Hematrace	<b>Pos</b> ALS, AP, Micro, PSA	<b>NT</b>	
Item 4	<b>Pos</b>	LMG, Hematrace	<b>Neg</b> ALS, AP, Micro, PSA	<b>NT</b>	
<b>ABEYF9</b>					
Item 3	<b>Pos</b>	ABAcad HemaTrace	<b>Pos</b> ABAcad p30, Micro	<b>NT</b>	
Item 4	<b>Pos</b>	ABAcad HemaTrace	<b>Neg</b> ABAcad p30, Micro	<b>NT</b>	
<b>ABV7J6</b>					
Item 3	<b>Pos</b>	KM	<b>Pos</b> PSA, micro	<b>NT</b>	
Item 4	<b>Pos</b>	KM	<b>Neg</b> PSA, micro	<b>NT</b>	
<b>ACWUD3</b>					
Item 3	<b>Pos</b>	TMB	<b>Pos</b> ALS, AP, Micro, PSA	<b>NT</b>	<b>Human Origin, Pos</b> Hematrace
Item 4	<b>Pos</b>	TMB	<b>Neg</b> ALS, AP	<b>NT</b>	<b>Human Origin, Pos</b> Hematrace

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
<b>ADUCBC</b>					
Item 3	<b>Pos</b>	O-tol	<b>Pos</b> AP, Micro	<b>NT</b>	
Item 4	<b>Pos</b>	O-tol	<b>Neg</b> AP	<b>NT</b>	
<b>AFV4LJ</b>					
Item 3	<b>Pos</b>	TMB	<b>Pos</b> ALS, AP, Micro, PSA	<b>NT</b>	
Item 4	<b>Pos</b>	TMB	<b>Neg</b> ALS, AP	<b>NT</b>	
<b>AU73YV</b>					
Item 3	<b>Pos</b>	KM, Hematrace	<b>Pos</b> AP, p30, Micro	<b>Neg</b> Phadebas	
Item 4	<b>Pos</b>	KM, Hematrace	<b>Neg</b> AP	<b>Neg</b> Phadebas	
<b>AV2L2W</b>					
Item 3	<b>Pos</b>	TMB, RSID	<b>Pos</b> PSA	<b>Neg</b> RSID	
Item 4	<b>Pos</b>	TMB, RSID	<b>Neg</b> PSA	<b>Neg</b> RSID	
<b>AVRK9W</b>					
Item 3	<b>Pos</b>	KM	<b>Pos</b> ALS, AP, Micro, PSA	<b>Neg</b> RSID	<b>Human, Pos</b> Plexor HY
Item 4	<b>Pos</b>	KM	<b>Neg</b> ALS, AP	<b>NT</b>	<b>Human, Pos</b> Plexor HY
<b>B429MU</b>					
Item 3	<b>Pos</b>	KM	<b>Pos</b> AP, Micro	<b>NT</b>	<b>Human origin</b> Plexor HY
Item 4	<b>Pos</b>	KM	<b>NT</b>	<b>NT</b>	<b>Human origin</b> Plexor HY
<b>B6VUFL</b>					
Item 3	<b>Pos</b>	LMG	<b>Pos</b> ALS, AP, Micro, PSA	<b>NT</b>	
Item 4	<b>Pos</b>	LMG	<b>Neg</b> ALS, AP, Micro, PSA	<b>NT</b>	
<b>B89TE9</b>					
Item 3	<b>Pos</b>	H/stix & Luminol	<b>Pos</b> Brentamine		<b>Hair, Neg</b> Observation
Item 4	<b>Pos</b>	H/stix			<b>Hair, Neg</b> Observation
<b>B8W62M</b>					
Item 3	<b>Pos</b>	o-tol, HemaTrace	<b>Pos</b> AP, micro	<b>NT</b>	
Item 4	<b>Pos</b>	o-tol	<b>Neg</b> AP, ALS	<b>NT</b>	
<b>B9YLTT</b>					
Item 3	<b>Pos</b>	KM	<b>Pos</b> AP, PSA, Micro	<b>NT</b>	
Item 4	<b>Pos</b>	KM	<b>Neg</b> AP, PSA, Micro	<b>NT</b>	
<b>BE2QPH</b>					
Item 3	<b>Pos</b>	KM	<b>Pos</b> ALS, FBB, PSA	<b>NT</b>	
Item 4	<b>Pos</b>	KM	<b>Neg</b> ALS, FBB	<b>NT</b>	
<b>BFPH39</b>					
Item 3	<b>Pos</b>	ABA Heme card	<b>NT</b>	<b>NT</b>	
Item 4	<b>Pos</b>	ABA Heme card	<b>NT</b>	<b>NT</b>	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
BG8C84					
Item 3	Pos	PTMB	Pos	ALS, AP, Micro	NT
Item 4	Pos	PTMB	Neg	ALS, AP	NT
BGRUBX					
Item 3	Pos	O-tol	Pos	AP, micro	Neg RSID
Item 4	Pos	O-tol	Neg	AP, micro	Neg RSID
BHZZKT					
Item 3	Pos	O-tol	Pos	AP	NT
Item 4	Pos	O-tol	Neg	AP	NT
BJTZLP					
Item 3	Pos	KM	Pos	ALS, AP	
Item 4	Pos	KM	Neg	ALS, AP	
BJWHPF					
Item 3	Pos	KM, Hematrace	Pos	AP, Micro, PSA	Neg Phadebas
Item 4	Pos	KM, Hematrace	Neg	AP, Micro, PSA	Neg Phadebas
BL22NW					
Item 3	Pos	KM	Pos	AP, Micro	NT
Item 4	Pos	KM	Neg	AP	NT
BL2766					
Item 3	Pos	KM	Pos	AP, PSA	NT
Item 4	Pos	KM	NT		NT
BMUYW3					
Item 3	Pos	KM	Pos	AP, PSA	NT
Item 4	Pos	KM	Neg	AP	NT
BN64CR					
Item 3	Pos	KM	Pos	AP	NT
Item 4	Pos	KM	Neg	AP	NT
BPX2QX					
Item 3	Pos	KM	Pos	AP, Micro	NT
Item 4	Pos	KM	Neg	AP	NT
BTZR2J					
Item 3	Pos	KM, ABACard HemaTrace	Pos	AP, PSA, Differential Extraction	Neg Phadebas Press Test
Item 4	Pos	KM, ABACard HemaTrace	Neg	AP	Neg Phadebas Press Test
BXGZPJ					
Item 3	Pos	KM	Pos	AP, Micro	NT
Item 4	Pos	KM	Neg	AP	NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
<b>C2CA7Q</b>					
Item 3	<b>Pos</b>	KM, Luminol, HemeDirect, Tak	<b>Pos</b>	AP, Micro, ALS	<b>Neg</b> Amylase Diffusion
Item 4	<b>Pos</b>	KM, Luminol, HemeDirect, Tak	<b>Neg</b>	AP, Micro, ALS	<b>Neg</b> Amylase Diffusion
<b>C2PQ4P</b>					
Item 3	<b>Pos</b>	KM, Hematrace	<b>Pos</b>	AP, PSA, Micro	<b>NT</b>
Item 4	<b>Pos</b>	KM, Hematrace	<b>Neg</b>	AP	<b>NT</b>
<b>C3HUR6</b>					
Item 3	<b>Pos</b>	KM	<b>Pos</b>	AP, Micro	<b>Neg</b> Phadebas
Item 4	<b>Pos</b>	KM	<b>Neg</b>	AP	<b>Neg</b> Phadebas
<b>C3XVNZ</b>					
Item 3	<b>Pos</b>	Hemastix	<b>Pos</b>	Brentamine	
Item 4	<b>Pos</b>	Hemastix			
<b>C4VG7X</b>					
Item 3	<b>Pos</b>	TMB	<b>Pos</b>	ALS, AP, Micro, PSA	<b>NT</b>
Item 4	<b>Pos</b>	TMB	<b>Neg</b>	ALS, AP	<b>NT</b>
<b>C4ZR9W</b>					
Item 3	<b>Pos</b>	LMG	<b>Pos</b>	AP, Micro	<b>NT</b>
Item 4	<b>Pos</b>	LMG	<b>Neg</b>	AP	<b>NT</b>
<b>C6BK2Q</b>					
Item 3	<b>Pos</b>	KM, Hemdirect, luminol	<b>Pos</b>	AP, Micro, ALS	<b>NT</b>
Item 4	<b>Pos</b>	KM	<b>Neg</b>	AP	<b>NT</b>
<b>C8AYJ9</b>					
Item 3	<b>Pos</b>	ABA Heme	<b>Pos</b>	Micro, PSA	<b>NT</b>
Item 4	<b>Pos</b>	ABA Heme	<b>Neg</b>	Micro, PSA	<b>NT</b>
<b>CA3QPD</b>					
Item 3	<b>Pos</b>	O-tol	<b>Pos</b>	AP, ALS, PSA, Micro	<b>Neg</b> Amylase human blood, Pos RSID-blood
Item 4	<b>Pos</b>	O-tol	<b>Neg</b>	AP; ALS	<b>NT</b> human blood, Pos RSID-blood
<b>CBYEZW</b>					
Item 3	<b>Pos</b>	KM	<b>Pos</b>	AP, Micro, ABACard p30	<b>Neg</b> Amylase Radial Diffusion
Item 4	<b>Pos</b>	KM	<b>Neg</b>	AP, Micro, ABACard p30	<b>Neg</b> Amylase Radial Diffusion
<b>CDDZGH</b>					
Item 3	<b>Pos</b>	KM	<b>Pos</b>	AP, Micro	<b>NT</b>
Item 4	<b>Pos</b>	KM	<b>Neg</b>	AP, Micro	<b>NT</b>
<b>CEG8AQ</b>					
Item 3	<b>Pos</b>	KM, HemDirect	<b>Pos</b>	AP	<b>NT</b>
Item 4	<b>Pos</b>	KM, HemDirect	<b>Neg</b>	AP	<b>NT</b>

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
<b>CEU7VL</b>					
Item 3	Pos	KM, HemaTrace	Pos Micro, PSA	Neg RSID	male DNA, Pos Y-Screening
Item 4	Pos	KM, HemaTrace	Neg Micro, PSA	Neg RSID	male DNA, Neg Y-Screening
<b>CGLXG7</b>					
Item 3	Pos	KM	Pos AP, micro	Neg Phadebas	
Item 4	Pos	KM	Neg AP	Neg Phadebas	
<b>CGNLQH</b>					
Item 3	Pos	KM	Pos AP, Micro	NT	
Item 4	Pos	KM	NT	NT	
<b>CLBG9M</b>					
Item 3	Pos	KM, HemaTrace	Pos PSA, Micro	Neg RSID	Male DNA, Pos Y-Screening
Item 4	Pos	KM, HemaTrace	Neg PSA, Micro	Neg RSID	Male DNA, Neg Y-Screening
<b>CLQYA8</b>					
Item 3	Pos	KM	Pos AP, Micro	NT	
Item 4	Pos	KM	Neg AP	NT	
<b>CM3Q2P</b>					
Item 3	Pos	LMG	Pos AP, PSA	Neg RSID-SALIVA	
Item 4	Pos	LMG	Neg AP	Neg RSID-SALIVA	
<b>CTBUBC</b>					
Item 3	Pos	LMG, HT	Pos AP, PSA	NT	
Item 4	Pos	LMG, HT	Neg AP	NT	
<b>CTJW7Q</b>					
Item 3	Pos	KM, HemDirect, Takayama, Luminol	Pos AP, Micro, ALS	Neg Amylase Diffusion	
Item 4	Pos	KM, Takayama, Luminol	Neg AP, Micro, ALS	Neg Amylase Diffusion	
<b>D3FJAR</b>					
Item 3	Pos	KM	Pos AP, micro	NT	
Item 4	Pos	KM	Neg AP	NT	
<b>D7VW79</b>					
Item 3	Pos	KM	NT	NT	Male DNA, Pos Zygem & qRT-PCR
Item 4	Pos	KM	NT	NT	
<b>D87W7A</b>					
Item 3	Pos	KM, Hematrace	Pos AP, PSA, micro	Neg Radial diffusion	
Item 4	Pos	KM, Hematrace	Neg AP, PSA, micro	Neg Radial diffusion	
<b>DBAKRQ</b>					
Item 3	Pos	KM, HemDirect	Pos AP, Micro	Neg RSID Saliva	
Item 4	Pos	KM, HemDirect	Neg AP, Micro, RSID Semen	Neg RSID Saliva	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
DC3DRG					
Item 3	Pos	LMG	Pos	ALS, AP, Micro, PSA	NT
Item 4	Pos	LMG	Neg	ALS, AP	NT
DCM286					
Item 3	Pos	LMG, Hematrace	Pos	AP, Micro, PSA	NT
Item 4	Pos	LMG, Hematrace	Neg	AP	NT
DDJKXX					
Item 3	Pos	KM, HemaTrace	Pos, Inc*	AP*, Micro, P30	
Item 4	Pos	KM, HemaTrace	Neg, Inc*	AP*, Micro, P30	
DMA3ME					
Item 3	Pos	KM, HemaTrace	NT		NT
Item 4	Pos	KM, HemaTrace	NT		NT
DNFHWQ					
Item 3	Pos	KM	Pos	AP, micro	Neg Phadebas
Item 4	Pos	KM	Neg	AP, micro	Neg Phadebas
DNZ92K					
Item 3	Pos	HemDirect	Pos	AP, Micro, P30	Neg RSID Saliva
Item 4	Pos	HemDirect	Neg	AP	NT
DP7N9B					
Item 3	Pos	LMG, Hematrace	Pos	AP, PSA	
Item 4	Pos	LMG, Hematrace	Neg	AP	
DPNUAL					
Item 3	Pos	O-tol	Pos	AP, Micro	NT
Item 4	Pos	O-tol	Neg	AP	NT
DUZMM7					
Item 3	Pos	KM	Pos	AP, Micro	NT
Item 4	Pos	KM	Neg	AP	NT
DV2FME					
Item 3	Pos	KM, HemaTrace	NT		NT
Item 4	Pos	KM, HemaTrace	NT		NT
DVUG9G					
Item 3	Pos	PTMB, Hematrace	Pos	ALS, AP, Micro, PSA	NT
Item 4	Pos	PTMB, Hematrace	Neg	ALS, AP, Micro, PSA	NT
DXQTCW					
Item 3	Pos	KM	Pos	AP, PSA (p30), Micro	NT
Item 4	Pos	KM	Neg	AP	NT



TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
E44E8K					
Item 3	Pos	O-Tol	Pos	AP, PSA, Micro (SHL)	
Item 4	Pos	O-Tol, HemaTrace	Neg	AP, Micro (SHL)	
E4NWP9					
Item 3	Pos	KM Test	Pos	AP Test, Micro Exam	NT
Item 4	Pos	KM Test	Neg	AP Test	NT
E67RGM					
Item 3	Pos	KM, Takayama	Pos	AP	NT
Item 4	Pos	KM, Takayama	Neg	AP	NT
E6LDLJ					
Item 3	Pos	HemDirect	Pos	AP, p30, Micro	Neg RSID
Item 4	Pos	HemDirect	Neg	AP	NT
E8MA77					
Item 3	Pos	KM	NT	NT	Male DNA, Pos Zygem
Item 4	Pos	KM	NT	NT	
E8MEQL					
Item 3	Pos	KM	Pos	AP	NT
Item 4	Pos	KM	Neg	AP	NT
EGWMJU					
Item 3	Pos	LMG	Pos	ALS, AP, Micro	NT
Item 4	Pos	LMG	Neg	ALS, AP	NT
EJMNMW					
Item 3	Pos	KM	Pos	Micro, AP	
Item 4	Pos	KM	Neg	AP	
EKC9AF					
Item 3	Pos	KM, ABA	Pos	AP, PSA	Neg Phadebas
Item 4	Pos	KM, ABA	Neg	AP	Neg Phadebas
EP86PL					
Item 3	Pos	KM, Takayama	Pos	AP	NT
Item 4	Pos	KM, Takayama	Neg	AP	NT
EQYWX7					
Item 3	Pos	KM, AbaCard-Hematrace	Pos	ALS, AP, Micro, PSA	NT
Item 4	Pos	KM, AbaCard-Hematrace	Neg	ALS, AP, Micro, PSA	NT
ETP4BF					
Item 3	Pos	KM, HB	Pos	AP, Micro, PSA	NT
Item 4	Pos	KM	Neg	AP	NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
EVTV7A					
Item 3	Pos	KM	Pos	AP, PSA, Micro	Neg Phadebas
Item 4	Pos	KM	Neg	AP, PSA, Micro	Neg Phadebas
EVWF4Q					
Item 3	Pos	KM, Hemdirect, Luminol	Pos	AP, ALS, Micro	NT
Item 4	Pos	KM, Hemdirect, Luminol	Neg	AP, ALS	NT
EXV34T					
Item 3	Pos	KM	Pos	AP, Micro, ALS, P30	NT
Item 4	Pos	KM	Neg	AP, P30, ALS	NT
F2W8QD					
Item 3	Pos	LMG	Pos	AP, ALS, micro, PSA	NT
Item 4	Pos	LMG	Neg	AP, ALS	NT
F2XX3N					
Item 3	Pos	KM	Pos	AP, Micro, PSA	NT
Item 4	Pos	KM	Neg	AP	NT
F3LMR9					
Item 3	Pos	RSID Blood	Pos	RSID Semen	
Item 4	Pos	RSID Blood	Neg	RSID Semen	
F4773M					
Item 3	Pos	KM, HemDirect	Pos	AP, Microscopic	NT
Item 4	Pos	KM, HemDirect	Neg	AP	NT
F6R7UB					
Item 3	Pos	KM, HT	Pos	AP, PSA, Micro	Neg RSID
Item 4	Pos	KM, HT	Neg	AP, PSA	Neg RSID
FA8F6U					
Item 3	Pos	KM	Pos	ALS, AP, PSA, Micro	
Item 4	Pos	KM	Neg	ALS, AP	
FAAA27					
Item 3	Pos	KM	Pos	ALS, PSA, Micro	NT
Item 4	Pos	KM	Neg	ALS, PSA, Micro	NT
FB6R9N					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT
FEPHP7					
Item 3	Pos	KM	Pos	ALS, AP, Micro	NT
Item 4	Pos	KM	Neg	ALS, AP	NT

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
FHG8BH						
Item 3	Pos	KM	Pos	AP, Micro, PSA	NT	
Item 4	Pos	KM	Neg	AP, Micro, PSA	NT	
FJTM3X						
Item 3	Pos	KM	Pos	AP, PSA	NT	
Item 4	Pos	KM	Neg	AP	NT	
FKFTT4						
Item 3	Pos	LMG, HemaTrace	Pos	AP, Micro, PSA	NT	
Item 4	Pos	LMG, HemaTrace	Neg	AP	NT	
FKFVH9						
Item 3	Pos	KM, HemDirect	Pos	AP	NT	
Item 4	Pos	KM, HemDirect	Neg	AP	NT	
FKQX2L						
Item 3	Pos	KM, Takayama	Pos	AP, Microscopic	NT	
Item 4	Pos	KM, Takayama	Neg	AP	NT	
FLKT7U						
Item 3	Pos	TMB	Pos	ALS, AP, Micro, PSA	NT	Human Origin, Pos Hematrace
Item 4	Pos	TMB	Neg	ALS, AP	NT	Human Origin, Pos Hematrace
FLN7A7						
Item 3	Pos	KM, Takayama	Pos	AP	NT	
Item 4	Pos	KM, Takayama	Neg	AP	NT	
FLYAF3						
Item 3	Pos	KM, TMB	Pos	PSA, Micro	NT	
Item 4	Pos	KM, TMB	Neg	PSA, Micro	NT	
FMCLCL						
Item 3	Pos	Luminol, Hexagon-OBTI	Pos	AP, RSID Semen, SERATEC PSA SEMIQUANT	Neg	Phadebas
Item 4	Pos	Luminol, Hexagon-OBTI	Neg	AP	Neg	Phadebas
FMTV9T						
Item 3	Pos	KM, OBTI	Pos	ALS, AP, Micro, PSA	NT	
Item 4	Pos	KM, OBTI	Neg	ALS, AP, Micro, PSA	NT	
FQCZRN						
Item 3	Pos	KM, HemDirect	Pos	AP, Micro, RSID Semen	Neg	RSID Saliva
Item 4	Pos	KM, HemDirect	Neg	AP, Micro, PSA	Neg	RSID Saliva
FQVWDC						
Item 3	Pos	KM, HemaTrace	NT		NT	
Item 4	Pos	KM, HemaTrace	NT		NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
FVNVLZ					
Item 3	Pos	LMG, HT	Pos	AP, PSA, MICRO	NT
Item 4	Pos	LMG, HT	Neg	AP, PSA, MICRO	NT
FXGPMB					
Item 3	Pos	KM	Pos	AP, Micro	NT
Item 4	Pos	KM	Neg	AP	Neg Phadebas
FXVBWC					
Item 3	Pos	KM, Hematrace	Pos	AP, PSA, Micro	Neg RSID
Item 4	Pos	KM, Hematrace	Neg	AP, PSA	Neg RSID
FZKHGA					
Item 3	Pos	KM, Hematrace	Pos	AP, Micro	NT
Item 4	Pos	KM, Hematrace	Neg	AP	NT
G3J6KX					
Item 3	Pos	LMG, RSID	Pos	AP, RSID	Neg RSID
Item 4	Pos	LMG, RSID	Neg	AP, RSID	Neg RSID
G4LNZ2					
Item 3	Pos	KM, hematrace	Pos	ALS, AP, micro, PSA	NT
Item 4	Pos	KM, Hematrace	Neg	ALS, AP, micro, PSA	NT
G6AEKQ					
Item 3	Pos	O-tol	Pos	AP, Micro	NT
Item 4	Pos	O-tol	Neg	AP, Micro	NT
G9PRG8					
Item 3	Pos	KM, Hexagon OBTI	Pos	AP, PSA, Micro	NT
Item 4	Pos	KM, Hexagon OBTI	Neg	AP, PSA, Micro	NT
GAQPNM					
Item 3	Pos	KM	Pos	AP, PSA, Micro	NT
Item 4	Pos	KM	Neg	AP	NT
GAZQFM					
Item 3	Pos	O-tol, Hematrace	Pos	AP, PSA	
Item 4	Pos	O-tol, Hematrace	Neg	AP	
GCE2YZ					
Item 3	Pos	TMB, Hematrace	Pos	AP, Micro	NT
Item 4	Pos	TMB, Hematrace	Neg	AP	NT
GD8YTD					
Item 3	Pos	TMB	Pos	ALS, AP, Mirco	NT
Item 4	Pos	TMB	Neg	ALS, AP	NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
GEUWNX					
Item 3	NT		Pos AP	NT	Male DNA Screening, Pos Quantifiler Trio
Item 4	NT		Neg AP	NT	Male DNA Screening, Inc Quantifiler Trio
GFVN9Y					
Item 3	Pos KM		Pos AP, PSA, micro	NT	
Item 4	Pos KM		Neg AP, PSA, micro	NT	
GHLR27					
Item 3	Pos KM		Pos AP	NT	
Item 4	Pos KM		Neg AP	NT	
GL28CJ					
Item 3	Pos KM, Hematrace		Pos AP, PSA, Micro	NT	
Item 4	Pos KM, Hematrace		Neg AP	NT	
GQP23P					
Item 3	Pos KM		Pos AP, Micro	NT	
Item 4	Pos KM		Neg AP	NT	
GR7V4Y					
Item 3	NT		NT	NT	Human, Pos Quant Duo
Item 4	NT		NT	NT	Human, Pos Quant Duo
GT3AYJ					
Item 3	Pos Hemastix(TMB), HemaTrace		Pos AP, Micro, PSA	NT	
Item 4	Pos Hemastix(TMB), HemaTrace		Neg AP	NT	
GW3KQD					
Item 3	Pos KM, Hematrace		Pos AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, Hematrace		Neg AP, PSA, Micro	Neg Phadebas	
GXR2ND					
Item 3	Pos TMB		Pos AP, ALS, Micro, PSA	NT	
Item 4	Pos TMB		Neg AP, ALS	NT	
GY94LD					
Item 3	Pos KM, ABACard Hematrace		Pos AP, PSA	NT	
Item 4	Pos KM, ABACard Hematrace		NT	NT	
H2RE3P					
Item 3	Pos KM		Pos AP, Micro	NT	
Item 4	Pos KM		Neg AP	NT	
H4BNWM					
Item 3	Pos KM		Pos AP, Micro	NT	
Item 4	Pos KM		Neg AP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
H4UJC4					
Item 3	Pos	KM	NT	NT	Male DNA, Pos Zygem & qRT-PCR
Item 4	Pos	KM	NT	NT	
H8JPA8					
Item 3	Pos	KM	Pos AP, Micro	NT	
Item 4	Pos	KM	Neg AP	NT	
H97M37					
Item 3	Pos	KM, Hematrace	Pos AP, PSA, Micro	Neg RSID	
Item 4	Pos	KM, Hematrace	Neg AP, PSA	Neg RSID	
HACW7W					
Item 3	Pos	OBTI	Pos Micro	NT	
Item 4	Pos	OBTI	Neg Micro	NT	
HD6L4B					
Item 3	Pos	Hematrace, PTMB	Pos ALS, AP, PSA, Micro	Neg Phadebas tablet	Urine, Neg Uritrace
Item 4	Pos	PTMB	Neg AP	NT	
HDKZ6E					
Item 3	Pos	KM	Pos AP, Micro for sperm	NT	
Item 4	Pos	KM	Neg AP, Micro for sperm	NT	
HDMUY7					
Item 3	Pos	LMG	Pos AP, Micro	NT	
Item 4	Pos	LMG	Neg AP	NT	
HF7U4F					
Item 3	Pos	KM, Hematrace	Pos AP, Seratec, Micro	NT	
Item 4	Pos	KM, Hematrace	Neg AP, Seratec	NT	
HJAD9M					
Item 3	Pos	KM	Pos AP, Micro	NT	
Item 4	Pos	KM	Neg AP		
HKY29U					
Item 3	Pos	TMB	Pos ALS, AP, Micro, PSA	NT	species origin, Pos hematrace
Item 4	Pos	TMB	Neg ALS, AP	NT	species origin, Pos hematrace
HN3N2D					
Item 3	Pos	KM, Hematrace	Pos ALS, AP, Seratec, Micro	NT	
Item 4	Pos	KM, Hematrace	Neg ALS, AP, Seratec	NT	
HQQATN					
Item 3	Pos	KM	Pos AP, micro	Neg RSID	Human, Pos Plexor HY
Item 4	Pos	KM	Neg AP, micro, PSA	Neg RSID	Human, Pos Plexor HY

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
HRX97H					
Item 3	Pos	O-tol	Pos	AP, PSA	
Item 4	Pos	O-tol	Neg	AP	
HVD4LF					
Item 3	Pos	KM	Pos	AP, p30, micro for sperm	NT
Item 4	Pos	KM	Neg	AP, p30, micro for sperm	NT
HYPL97					
Item 3	Pos	KM	Pos	AP	NT
Item 4	Pos	KM	Neg	AP	NT
HZV7QY					
Item 3	Pos	KM, TMB	Pos	AP, PSA, Micro	Neg RSID
Item 4	Pos	KM, TMB	Neg	AP, PSA, Micro	Neg RSID
J33QEE					
Item 3	Pos	KM, HemaTrace	Pos	AP, Seratec, Micro	NT
Item 4	Pos	KM, HemaTrace	Neg	AP, Seratec	NT
J3YCRQ					
Item 3	Pos	TMB, Hematrace	Pos	ALS, AP, P30, Micro	NT
Item 4	Pos	TMB, Hematrace	Neg	ALS, AP	NT
J4JE6P					
Item 3	Pos	OBTI-Test	Pos	PSA	
Item 4	Pos	OBTI-Test			
JB8XTE					
Item 3	Pos	KM	Pos	ALS, AP, PSA, Micro	NT
Item 4	Pos	KM	Neg	ALS, AP	NT
JFLGYM					
Item 3	Pos	KM, Takayama	Pos	AP, micro, PSA	Neg Phadebas
Item 4	Pos	KM, Takayama	Neg	AP	Neg Phadebas
JGY4JM					
Item 3	Pos	red-brown, o-tol, PHTH	Pos	AP, micro	NT
Item 4	Pos	red-brown, o-tol, PHTH	Neg	AP, micro	NT
JGZRYT					
Item 3	Pos	LMG, Hematrace	Pos	AP, PSA, Micro	NT
Item 4	Pos	LMG, Hematrace	Neg	AP, PSA, Micro	NT
JH96D9					
Item 3	Pos	KM, HemaTrace	Pos	AP, Micro	Neg RSID
Item 4	Pos	KM, HemaTrace	Neg	AP	NT

TABLE 1

Webcode	Fluid ID						
	Item	Blood	Semen	Saliva	Other		
<b>JHQ3HT</b>							
Item 3	Pos	HemaTrace, KM	Pos	PSA	Pos	RSID	Male DNA, Pos Y-Screening (PlexorHY)
Item 4	Pos	HemaTrace, KM	Neg	PSA	Neg	RSID	Male DNA, Neg Y-Screening (PlexorHY)
<b>JJMGDE</b>							
Item 3	Pos	HemDirect	Pos	ALS, AP, p30, Sperm Hy-Liter	Neg	RSID	
Item 4	Pos	HemDirect	Neg	ALS, AP	NT		
<b>JJP6MQ</b>							
Item 3	Pos	KM	Pos	AP, Micro	NT		
Item 4	Pos	KM	Neg	AP, Micro	NT		
<b>JL4X74</b>							
Item 3	Pos	LMG, Hematrace	Pos	AP, Micro	NT		
Item 4	Pos	LMG, Hematrace	Neg	AP	NT		
<b>JLA4UT</b>							
Item 3	Pos	TMB	Pos	ALS, AP, Micro, PSA	NT		Species origin, Pos Hematrace
Item 4	Pos	TMB	Neg	ALS, AP	NT		Species origin, Pos Hematrace
<b>JNYBEP</b>							
Item 3	Pos	TMB, Hematrace	Pos	ALS, AP, Micro, PSA	NT		
Item 4	Pos	TMB, Hematrace	Neg	ALS, AP	NT		
<b>JPV27Q</b>							
Item 3	Pos	KM, HemaTrace	Pos	Micro, PSA	NT		
Item 4	Pos	KM, HemaTrace	Neg	Micro, PSA	NT		
<b>JQK62H</b>							
Item 3	Pos	KM	Pos	AP, Micro, PSA	NT		
Item 4	Pos	KM	Neg	AP	NT		
<b>JRC8LC</b>							
Item 3	Pos	TMB	Pos	ALS, AP, PSA, Micro	NT		
Item 4	Pos	TMB	Neg	ALS, AP	NT		
<b>JRV44E</b>							
Item 3	Pos	KM	Pos	AP, Micro	NT		
Item 4	Pos	KM	Neg	AP	NT		
<b>JVP7KY</b>							
Item 3	Pos	H/Stix	Pos	AP	NT		
Item 4	Pos	H/Stix			NT		
<b>JWCBVY</b>							
Item 3	Pos	LMG, Hematrace	Pos	AP, PSA, Micro	NT		
Item 4	Pos	LMG, Hematrace	Neg	AP	NT		



TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
JWJU3U					
Item 3	Pos	ALS	Pos	ALS	
Item 4	Pos	ALS	Neg	ALS	
JX9NEL					
Item 3	Pos	KM	Pos	AP	NT
Item 4	Pos	KM	Neg	AP	NT
JZNDA3					
Item 3	Pos	KM, ABA card	Pos	AP, Micro	NT
Item 4	Pos	KM, ABA card	Neg	AP, Micro	NT
K3C8Q4					
Item 3	Pos	KM, Hematrace	Pos	AP, p30, Micro	Neg RSID
Item 4	Pos	KM, Hematrace	Neg	AP, p30	Neg RSID
K3D63Z					
Item 3	Pos	TMB	Pos	AP, Micro	NT
Item 4	Pos	TMB	NT		NT
K46ZLM					
Item 3	Pos	KM + qRT -PCR			male DNA, Pos Zygem + qRT -PCR
Item 4	Pos	KM + qRT -PCR			
K62FZK					
Item 3	Pos	KM, HemDirect	Pos	AP, Micro	NT
Item 4	Pos	KM, HemDirect	Neg	AP	NT
KC4GGM					
Item 3	Pos	KM	Pos	AP, Micro, PSA	Human, Pos Plexor H/Y
Item 4	Pos	KM	Neg	AP	Human, Pos Plexor H/Y
KCX97D					
Item 3	Pos	KM	Pos	AP, PSA, microscopy	NT
Item 4	Pos	KM	Neg	AP, PSA, microscopy	NT
KGRCXC					
Item 3	Pos	KM, Hematrace	Pos	AP, Seratec, Micro	NT
Item 4	Pos	KM, Hematrace	Neg	AP, Seratec	NT
KGUXMK					
Item 3	Pos	KM	Pos	AP, Micro, PSA	Neg Phadebas Human, Pos OBTI
Item 4	Pos	KM	Neg	AP, Micro, PSA	Neg Phadebas Human, Pos OBTI
KGXPK9					
Item 3	Pos	PTMB	Pos	ALS, AP, PSA, Micro	Urine, Neg Uritrace
Item 4	Pos	PTMB	Neg	ALS, AP	Urine

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
<b>KKETHQ</b>					
Item 3	Pos	KM			
Item 4	Pos	KM			
<b>KLHREQ</b>					
Item 3	Pos	KM	Pos AP, micro	Neg Amylase	
Item 4	Pos	KM	Neg AP	Neg Amylase	
<b>KPZRVR</b>					
Item 3	Pos	KM, HemaTrace	Neg P30/PSA	Inc RSID	Male DNA, Pos Y-screening
Item 4	Pos	KM, HemaTrace	Neg P30/PSA	Neg RSID	Male DNA, Neg Y-screening
<b>KT4Q2J</b>					
Item 3	Pos	KM	Pos AP, Micro	Neg RSID	
Item 4	Pos	KM	Neg AP	NT	
<b>KTNDCL</b>					
Item 3	Pos	KM, qRT-PCR	NT	NT	Male DNA, Pos Zygem, qRT-PCR
Item 4	Pos	KM, qRT-PCR	NT	NT	
<b>KTZXDJ</b>					
Item 3	Pos	PH, Hematrace	Pos AP, p30, Micro	Neg Phadebas	
Item 4	Pos	PH, Hematrace	Neg AP	Neg Phadebas	
<b>KUJWF9</b>					
Item 3	Pos	KM, HemaTrace	Pos AP, Micro	Neg RSID	
Item 4	Pos	KM, HemaTrace	Neg AP	Neg RSID	
<b>KVLYXX</b>					
Item 3	Pos	LMG, Hematrace	Pos ALS, AP, PSA, Micro	NT	
Item 4	Pos	LMG, Hematrace	Neg ALS, AP, PSA, Micro	NT	
<b>KVNMJH</b>					
Item 3	Pos	KM, LMG, RSID	Pos ALS, AP, micro, PSA	Neg RSID	
Item 4	Pos	KM, LMG, RSID	Neg ALS, AP, micro, PSA	Neg RSID	
<b>KYA7NL</b>					
Item 3	Pos	KM	Pos ALS, AP, Micro, PSA	Neg Phadebus	
Item 4	Pos	KM	Neg ALS, AP	NT	
<b>L296CJ</b>					
Item 3	Pos	KM, OBTI	Pos ALS, AP, Micro	NT	
Item 4	Pos	KM, OBTI	Neg ALS, AP	NT	
<b>L4N4YU</b>					
Item 3	Pos	LMG, Hematrace	Pos AP, Micro, PSA	NT	
Item 4	Pos	LMG, Hematrace	Neg AP, Micro, PSA		

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
L7BVQC					
Item 3	Pos	LMG, TMB	NT	NT	
Item 4	Pos	LMG, TMB	NT	NT	
L8HDML					
Item 3	Pos	TMB, Hematrace	Pos ALS, AP, Micro, P30	NT	
Item 4	Pos	TMB, Hematrace	Neg ALS, AP	NT	
L8WVDK					
Item 3	Pos	Hemoglobin	Pos P30	NT	
Item 4	Pos	Hemoglobin	Neg P30	NT	
L9UVZZ					
Item 3	Pos	Heme	Pos PSA, Micro	NT	
Item 4	Pos	Heme	Neg PSA, Micro	NT	
LDPW4E					
Item 3	Pos	KM	Pos AP	NT	
Item 4	Pos	KM	Neg AP	NT	
LHJGCP					
Item 3	Pos	TMB	Pos AP, ALS, Micro, PSA	NT	
Item 4	Pos	TMB	Neg AP, ALS	NT	
LJF2X4					
Item 3	Pos	KM, Hematrace	Pos AP, Micro	Neg RSID	
Item 4	Pos	KM, Hematrace	NT	NT	
LL6DZV					
Item 3	Pos	KM, SERATEC HEMDIRECT	Pos AP, MICRO	NT	
Item 4	Pos	KM, SERATEC HEMDIRECT	Neg AP, MICRO	NT	
LMCPEB					
Item 3	Pos	KM	Pos AP, micro	NT	
Item 4	Pos	KM	NT	NT	
LMDQ7N					
Item 3	Pos	KM	Pos AP, Micro	NT	
Item 4	Pos	KM	Neg AP	NT	
LP6JF2					
Item 3	Pos	PTMB, Hematrace	Pos ALS, AP, PSA, Micro	Neg Phadebas Tablet	Urine, Neg Uritrace
Item 4	Pos	PTMB, Hematrace	Neg ALS, AP, PSA	Neg Phadebas Tablet	Urine, Neg Uritrace
LPGFEY					
Item 3	Pos	LMG	Pos PSA	Neg SaligAE	
Item 4	Pos	LMG	Neg PSA	Neg SaligAE	

TABLE 1

Webcode	Fluid ID						
	Item	Blood	Semen	Saliva	Other		
LR7M32							
Item 3	Pos	KM, Hematrace	Pos	ALS, AP, PSA, Micro	Neg	radial diffusion	
Item 4	Pos	KM, Hematrace	Neg	ALS, AP, PSA, Micro	Neg	radial diffusion	
LT4W86							
Item 3	Pos	KM, Hematrace	Pos	AP, Micro, RSID Semen, ALS	NT		
Item 4	Pos	KM, Hematrace	Neg	AP, ALS	NT		
LU722R							
Item 3	Pos	KM	Pos	AP, PSA, Micro			
Item 4	Pos	KM	Neg	AP			
LUALQF							
Item 3	Pos	KM	Pos	ALS, AP, PSA, Micro	Neg	Amylase	Male DNA, Pos Alkaline Lysis
Item 4	Pos	KM	Neg	ALS, AP, PSA, Micro	Neg	Amylase	Male DNA, Neg Alkaline Lysis
LUXN7J							
Item 3	Pos	KM, HemDirect	Pos	AP, Micro	NT		
Item 4	Pos	KM, HemDirect	Neg	AP	NT		
LVAGV6							
Item 3	Pos	TMB	Pos	AP	Neg	Phadebas	
Item 4	Pos	TMB	Neg	AP	Neg	Phadebas	
LVPYJJ							
Item 3	Pos	KM	Pos	AP, Micro	NT		
Item 4	Pos	KM	Neg	AP	NT		
M4U9KG							
Item 3	Pos	KM, OBTI	Pos	AP, Micro, PSA, ALS	Neg	Phadebas, ALS	
Item 4	Pos	KM, OBTI	Neg	AP, Micro, ALS	Neg	Phadebas, ALS	
MAHVD2							
Item 3	Pos	KM	Pos	AP, MICRO, PSA	Neg	PHADEBAS	
Item 4	Pos	KM	Neg	AP, MICRO, PSA	Neg	PHADEBAS	
MCP2ZN							
Item 3	Pos	KM, Hematrace	Pos	ALS, AP, Micro, PSA	NT		
Item 4	Pos	KM, Hematrace	Neg	ALS, AP	NT		
MDMJUC							
Item 3	Pos	O-tol, HemaTrace	Pos	AP, Micro	NT		
Item 4	Pos	O-tol, HemaTrace	Neg	AP	NT		
MEA6EM							
Item 3	Pos	TMB	Pos	PSA TEST	NT		
Item 4	Pos	TMB	Neg	PSA TEST	NT		

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
<b>MEZ4P8</b>					
Item 3	<b>Pos</b>	TMB, Hematrace	<b>Pos</b>	ALS, AP, PSA, Micro	<b>NT</b>
Item 4	<b>Pos</b>	TMB, Hematrace	<b>Neg</b>	ALS, AP, PSA, Micro	<b>NT</b>
<b>MG3WVY</b>					
Item 3	<b>Pos</b>	KM	<b>NT</b>	<b>NT</b>	<b>Male DNA, Pos</b> Zygem & qRT-PCR
Item 4	<b>Pos</b>	KM	<b>NT</b>	<b>NT</b>	
<b>MJPKYC</b>					
Item 3	<b>Pos</b>	KM, Hematrace	<b>Pos</b>	ALS, AP, PSA, Micro	<b>Neg</b> SALIgAE
Item 4	<b>Pos</b>	KM, Hematrace	<b>Neg</b>	ALS, AP, PSA	<b>Neg</b> SALIgAE
<b>MKK46K</b>					
Item 3	<b>Pos</b>	KM, Takayama	<b>Pos</b>	AP, micro, PSA	<b>Neg</b> Phadebas, RSID Saliva <b>Human Origin, Pos</b> Plexor HY
Item 4	<b>Pos</b>	KM, Takayama	<b>Neg</b>	AP, micro, PSA	<b>Neg</b> Phadebas, RSID Saliva <b>Human Origin, Pos</b> Plexor HY
<b>MLGE39</b>					
Item 3	<b>Pos</b>	HemaTrace, TMB	<b>Pos</b>	ALS, AP, PSA, Micro	<b>NT</b>
Item 4	<b>Pos</b>	HemaTrace, TMB	<b>Neg</b>	ALS, AP, PSA, Micro	<b>NT</b>
<b>MLTBDE</b>					
Item 3	<b>Pos</b>	KM	<b>Pos</b>	ALS, AP, PSA, Micro	<b>Neg</b> Amylase <b>Y screen, Pos</b> Alkaline lysis
Item 4	<b>Pos</b>	KM	<b>Neg</b>	ALS, AP, PSA, Micro	<b>Neg</b> Amylase <b>Y screen, Neg</b> Alkaline lysis
<b>MMBCCF</b>					
Item 3	<b>Pos</b>	Visual exam, Luminol, Phenolphthalin, Takayama	<b>Pos</b>	ALS, AP, Micro	<b>Neg</b> Amylase Diffusion
Item 4	<b>Pos</b>	Visual exam, Luminol, Phenolphthalin, Takayama, HemDirect	<b>Neg</b>	ALS, AP, Micro	<b>Neg</b> Amylase Diffusion
<b>MPJHRA</b>					
Item 3	<b>Pos</b>	TMB	<b>Pos</b>	ALS, AP, Micro, PSA	<b>NT</b>
Item 4	<b>Pos</b>	TMB	<b>Neg</b>	ALS, AP, Micro	<b>NT</b> <b>Human, Pos</b> Hematrace
<b>MTUMBW</b>					
Item 3	<b>Pos</b>	LMG, Hematrace	<b>Pos</b>	AP, PSA, Micro	<b>NT</b>
Item 4	<b>Pos</b>	LMG, Hematrace	<b>Neg</b>	AP, PSA, Micro	<b>NT</b>
<b>MVJUVU</b>					
Item 3	<b>Pos</b>	LMG	<b>Pos</b>	p30, AP, Micro	<b>NT</b>
Item 4	<b>Pos</b>	LMG	<b>Neg</b>	p30, AP, Micro	<b>NT</b>
<b>MVZ8YW</b>					
Item 3	<b>Pos</b>	LMG, Hematrace	<b>Pos</b>	AP, Micro, PSA	<b>NT</b>
Item 4	<b>Pos</b>	LMG, Hematrace	<b>Neg</b>	AP, Micro, PSA	<b>NT</b>

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
MXEAFH						
Item 3	Pos	KM, Takayama	Pos	AP, Micro	NT	
Item 4	Pos	KM, Takayama	Neg	AP	NT	
MXQ4UH						
Item 3	Pos	KM, OBTI	Pos	ALS, AP, MICRO, P30	Neg	ALS, Phadebas
Item 4	Pos	KM, OBTI	Neg	ALS, AP, MICRO, P30	Neg	ALS, Phadebas
MXWAH8						
Item 3	Pos	TMB	Pos	ALS, AP, Micro, PSA	NT	
Item 4	Pos	TMB	Neg	ALS, AP	NT	
MY24QD						
Item 3	Pos	O-tol	Pos	AP		
Item 4	Pos	O-tol	Neg	AP		
MZHDP6						
Item 3	Pos	TMB	Pos	AP, p30, Micro, ALS	NT	Human Origin, Pos Hematrace
Item 4	Pos	TMB	Neg	AP, ALS	NT	Human Origin, Pos Hematrace
N24BPV						
Item 3	Pos	LMG, ABA Hematrace	Pos	AP, PSA, Micro	NT	
Item 4	Pos	LMG, ABA Hematrace	NT		NT	
N3F2XZ						
Item 3	Pos	KM	Pos	AP, Micro	NT	
Item 4	Pos	KM	Neg	AP	NT	
NA2WXH						
Item 3	Pos	KM	Pos	ALS, AP, Micro, PSA	Neg	Phadebus
Item 4	Pos	KM	Neg	ALS, AP, Micro, PSA	Neg	Phadebus
NEXKKW						
Item 3	Pos	TMB	Pos	ALS, AP, PSA, Micro	NT	
Item 4	Pos	TMB	Neg	ALS, AP	NT	
NHK6PZ						
Item 3	Pos	KM	Pos	AP	NT	
Item 4	Pos	KM	Neg	AP	NT	
NJB8JF						
Item 3	Pos	KM	Pos	AP, PSA, Micro	NT	
Item 4	Pos	KM	Neg	AP, PSA, Micro	NT	
NKL9E3						
Item 3	Pos	KM and HemaTrace	NT		NT	
Item 4	Pos	KM and HemaTrace	NT		NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
NMVDUC					
Item 3	Pos	KM, Hematrace	Pos	AP, Micro	NT
Item 4	Pos	KM, Hematrace	Neg	AP	NT
NNEEJQ					
Item 3	NT		Pos	AP	NT
Item 4	NT		Neg	AP	NT
NPR7AM					
Item 3	Pos	hemochromogen	Pos	AP, micro	NT
Item 4	Pos	hemochromogen	NT		NT
NQ6HEJ					
Item 3	Pos	Peroxidase (Multistix), Hemoglobin (FOB)	Pos	AP, PSA	Neg
Item 4	Pos	Peroxidase (Multistix), hemoglobin (FOB)	Neg	AP, PSA	Neg
NTQCYQ					
Item 3	Pos	LMG, HT	Pos	AP, Micro, PSA	NT
Item 4	Pos	LMG, HT	Neg	AP, PSA	NT
NURBHE					
Item 3	Pos	Luminol, KM, HemDirect, Takayama	Pos	ALS, AP, MICRO	Neg
Item 4	Pos	KM	Neg	ALS, AP, MICRO	Neg
NV8BU2					
Item 3	Pos	KM	Pos	AP, Micro	NT
Item 4	Pos	KM	Neg	AP	NT
NW24KE					
Item 3	Pos	KM	Pos	AP, PSA, Micro	NT
Item 4	Pos	KM	NT		NT
NWCW7F					
Item 3	Pos	KM, LMG, RSID	Pos	AP, Micro, PSA	Neg
Item 4	Pos	KM, LMG, RSID	Neg	AP, Micro, PSA	Neg
NXABXU					
Item 3	Pos	LMG, Hematrace	Pos	AP, Micro, PSA	NT
Item 4	Pos	LMG, Hematrace	Neg	AP	NT
NXLB8U					
Item 3	Pos	Hemastix, HemaTrace	Pos	AP, PSA, Micro	NT
Item 4	Pos	Hemastix, HemaTrace	Neg	AP	NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
NZWYXL					
Item 3	Pos	KM, Hematrace	Pos	ALS, AP, Micro, PSA	NT
Item 4	Pos	KM, Hematrace	Neg	ALS, AP	NT
P44YGQ					
Item 3	Pos	LMG	Pos	AP/Micro	NT
Item 4	Pos	LMG	Neg	AP/Micro	NT
P7YHPJ					
Item 3	Pos	KM, OBTI	Pos	ALS, AP, Micro, PSA	Neg ALS, Phadebas
Item 4	Pos	IR, KM, OBTI	Neg	ALS, AP, Micro, PSA	Neg ALS, Phadebas
P8DMR3					
Item 3	Pos	KM, Hematrace	NT	NT	
Item 4	Pos	KM, Hematrace	NT	NT	
PAGFL2					
Item 3	Pos	KM, Hematrace	Pos	AP, PSA, Micro	Neg Phadebas
Item 4	Pos	KM, Hematrace	Neg	AP, PSA, Micro	Neg Phadebas
PAHDWW					
Item 3	Pos	PTMB, RSID	Pos	ALS, AP, PSA, Micro	Neg Phadebas tablet
Item 4	Pos	PTMB, RSID	Neg	ALS, AP	NT Urine, Neg Uritrace
PBEXGB					
Item 3	Pos	KM	Pos	ALS, AP	NT
Item 4	Pos	KM	Neg	ALS, AP	NT
PBLAUR					
Item 3	Pos	LMG, Hema Trace	Pos	AP, P30, Micro	Neg Amylase Radial Diffusion
Item 4	Pos	LMG, Hema Trace	Neg	AP, P30, Micro	Neg Amylase Radial Diffusion
PCJFHD					
Item 3	Pos	RSID Blood, KM, LMG	Pos	ALS, AP, p30, Micro	Neg RSID Saliva
Item 4	Pos	RSID Blood, KM, LMG	Neg	ALS, AP, p30, Micro	Neg RSID Saliva
PEUH8X					
Item 3	Pos	TMB, Hematrace	Pos	AP, PSA, Micro	Neg Amylase Diffusion Gel
Item 4	Pos	TMB, Hematrace	Neg	AP, PSA, Micro	Neg Amylase Diffusion Gel
PGDKW3					
Item 3	Pos	TMB	Pos	ALS, AP, Micro, PSA	NT Human origin, Pos Hematrace
Item 4	Pos	TMB	Neg	ALS, AP	NT Human Origin, Pos Hematrace
PHJ2YE					
Item 3	Pos	KM, Hematrace	Pos	AP, PSA, Micro	Neg Phadebas
Item 4	Pos	KM, Hematrace	Neg	AP	Neg Phadebas



TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
PJMM22					
Item 3	Pos	KM, Hematrace	Pos	AP, PSA, micro	Neg Phadebas
Item 4	Pos	KM, Hematrace	Neg	AP, PSA, micro	Neg Phadebas
PLDTE7					
Item 3	Pos	KM, Hematrace	Pos	AP, Seratec, Micro	NT
Item 4	Pos	KM, Hematrace	Neg	AP, Seratec, Micro	NT
PQFYLG					
Item 3	Pos	RSID Blood	Pos	RSID Semen	Neg RSID Saliva
Item 4	Pos	RSID Blood	Neg	RSID Semen	Neg RSID Saliva
PTU3AU					
Item 3	Pos	KM	Pos	ALS, Micro	NT
Item 4	Pos	KM	Neg	Micro, ALS, PSA	NT
PX7ZEG					
Item 3	Pos	KM	Pos	AP, Micro	NT
Item 4	Pos	KM	Neg	AP, Micro	NT
Q3REGT					
Item 3	Pos	ABA Heme	Pos	PSA, Micro	NT
Item 4	Pos	ABA Heme	Neg	PSA, Micro	NT
Q4GUHN					
Item 3	NT		Pos	AP	Male DNA Screen, Pos Quantifiler Trio
Item 4	NT		Neg	AP	Male DNA Screen, Neg Quantifiler Trio
Q4NXKV					
Item 3	Pos	KM, HemDirect	Pos	AP	NT
Item 4	Pos	KM, HemDirect	Neg	AP	NT
Q8BBF6					
Item 3	Pos	KM, ABACard Hematrace	Pos	AP, P30	Neg Phad press test
Item 4	Pos	KM, ABACard Hematrace	Neg	AP	Neg Phad press test
Q9HU82					
Item 3	Pos	KM	Pos	AP, Micro	NT
Item 4	Pos	KM	Neg	AP	NT
QCFD4R					
Item 3	Pos	KM	Pos	AP	Spermatozoa, Pos Micro
Item 4	Pos	KM	Neg	AP	NT
QDY3VZ					
Item 3	Pos	KM, HemaTrace	NT		NT
Item 4	Pos	KM, HemaTrace	NT		NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
<b>QE8863</b>					
Item 3	Pos	KM, Hematrace	Pos	PSA, Micro	NT
Item 4	Pos	KM, Hematrace	NT		Neg RSID-Saliva
<b>QFZ9ZJ</b>					
Item 3	Pos	KM	Pos	AP, Micro, ABA p30	Neg Phadebas
Item 4	Pos	KM	Neg	AP, Micro, ABA p30	Neg Phadebas
<b>QGTBDZ</b>					
Item 3	Pos	KM, HemaTrace	Pos	AP, Micro	Neg RSID
Item 4	Pos	KM, HemaTrace	Neg	AP	Neg RSID
<b>QGZZ9E</b>					
Item 3	Pos	KM	Pos	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
<b>QKEWHU</b>					
Item 3	Pos	KM	Pos	ALS, AP, Micro	NT
Item 4	Pos	KM	NT		NT
<b>QMPGR6</b>					
Item 3	Pos	KM, ABACARD	Pos	AP, PSA	Neg PHADEBAS
Item 4	Pos	KM, ABACARD	Neg	AP	Neg PHADEBAS
<b>QQ6AHX</b>					
Item 3	Pos	O-tol	Pos	ALS, AP, PSA, Micro	NT Human Blood, Pos RSID Blood
Item 4	Pos	O-tol	NT		NT Human blood, Pos RSID Blood
<b>QQKGR9</b>					
Item 3	Pos	KM, Hematrace	Pos	AP, Seratec, Micro	NT
Item 4	Pos	KM, Hematrace	Neg	AP, Seratec	NT
<b>QRX492</b>					
Item 3	Pos	KM, Hematrace	NT		NT
Item 4	Pos	KM, Hematrace	NT		NT
<b>QUY67X</b>					
Item 3	Pos	KM	Pos	AP, PSA, MICRO	Neg PHADEBAS
Item 4	Pos	KM	Neg	AP, PSA, MICRO	Neg PHADEBAS
<b>QV6QFW</b>					
Item 3	Pos	KM, Hematrace	Pos	ALS, AP, Micro	NT
Item 4	Pos	KM, Hematrace	Neg	ALS, AP, Micro	NT
<b>QVDLA4</b>					
Item 3	Pos	TMB	Pos	ALS, AP, PSA, Micro	NT
Item 4	Pos	TMB	Neg	ALS, AP, PSA	NT

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
QVE98W						
Item 3	Pos	PTMB, HemaTrace	Pos	AP, PSA, Micro	NT	
Item 4	Pos	PTMB	Neg	AP, ALS	NT	
QVEBW2						
Item 3	Pos	KM, Hematrace	Pos	AP, PSA, micro	Neg Phadebas	
Item 4	Pos	KM, Hematrace	Neg	AP, PSA, micro	Neg Phadebas	
QWBTRB						
Item 3	Pos	KM	Pos	AP, ALS	NT	
Item 4	Pos	KM	Neg	AP, ALS	NT	
QWRZXT						
Item 3	Pos	LMG, Hematrace	Pos	AP, Micro, PSA	NT	
Item 4	Pos	LMG, Hematrace	Neg	AP	NT	
QYDNHD						
Item 3	Pos	KM	Pos	AP, PSA, Micro		
Item 4	Pos	KM	Neg	AP		
QYPQPK						
Item 3	Pos	KM	Pos	ALS, AP, micro	NT	
Item 4	Pos	KM	Neg	ALS, AP, micro	NT	
QZLUQ9						
Item 3	Pos	KM	Pos	AP, Micro for sperm	NT	
Item 4	Pos	KM	Neg	Ap, Micro for sperm	NT	
R2Q7JT						
Item 3	Pos	KM & qRT-PCR			Male DNA, Pos Zygem & qRT-PCR	
Item 4	Pos	KM & qRT-PCR				
R3EARV						
Item 3	Pos	KM	Pos	ALS, AP, Micro	NT	
Item 4	Pos	KM	Neg	ALS, AP	NT	
R9R6BH						
Item 3	Pos	KM, Hematrace	Pos	AP, P30 Micro	NT	ALS, Neg
Item 4	Pos	KM, Hematrace	Neg	AP, P30	NT	ALS, Neg
RB6NKF						
Item 3	Pos	KM	Pos	AP, Micro, PSA	NT	
Item 4	Pos	KM	Neg	AP, Micro, PSA	NT	
RB8MHA						
Item 3	Pos	KM	Pos	AP	NT	
Item 4	Pos	KM	Neg	AP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
REJHZD					
Item 3	Pos	KM	Pos	AP, Micro	NT
Item 4	Pos	KM	Neg	AP	NT
REMV7A					
Item 3	Pos	KM, HemDirect	Pos	AP, Micro	NT
Item 4	Pos	KM, HemDirect	Neg	AP	NT
RFCGA6					
Item 3	Pos	KM	Pos	AP, Micro	NT
Item 4	Pos	KM	Neg	AP	NT
RHKJ6G					
Item 3	Pos	TMB	Pos	ALS, AP, Micro, PSA	NT
Item 4	Pos	TMB	Neg	ALS, AP	NT
RNQ4MF					
Item 3	Pos	KM	Pos	AP, Micro	NT
Item 4	Pos	KM	Neg	AP, Micro	NT
RNQCC7					
Item 3	Pos	KM, Hematrace	Pos	AP, Seratec, Micro	NT
Item 4	Pos	KM, Hematrace	Neg	AP	NT
RPNEF3					
Item 3	Pos	KM, HemDirect	Pos	ALS, PSA, Micro	NT
Item 4	Pos	KM, HemDirect	Neg	ALS, PSA	NT
RQDTKD					
Item 3	Pos	KM, Hematrace	Pos	AP, PSA, Micro	Neg Phadebas
Item 4	Pos	KM, Hematrace	Neg	AP	Neg Phadebas
RUFK4R					
Item 3	Pos	LMG, Hematrace	Pos	AP, Microscopic, PSA	NT
Item 4	Pos	LMG, Hematrace	Neg	AP	NT
RV9Q2H					
Item 3	Pos	TMB, Hematrace	Pos	AP, Micro, PSA	NT
Item 4	Pos	TMB, Hematrace	Neg	AP	NT
RWM3Y2					
Item 3	Pos	KM, Hematrace	Pos	AP, PSA, Micro	Neg Phadebas
Item 4	Pos	KM, Hematrace	Neg	AP, PSA, Micro	Neg Phadebas
RWZJ6M					
Item 3	NT		Pos	AP	NT
Item 4	NT		Neg	AP	NT
					Male DNA Screen, Pos Quantifiler Trio
					Male DNA Screen, Neg Quantifiler Trio

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
RYD46P					
Item 3	Pos KM		Pos AP, Micro	Neg Phadebas	
Item 4	Pos KM		Neg AP	Neg Phadebas	
RZG24J					
Item 3	Pos KM		Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos KM		Neg ALS, AP, Micro	NT	
T2CYZX					
Item 3	Pos KM		Pos AP, Micro	NT	
Item 4	Pos KM, HemaTrace		Neg AP	Neg RSID	
T2Y9DM					
Item 3	Pos LMG; HemaTrace		Pos AP; PSA; Micro	NT	
Item 4	Pos LMG; HemaTrace		Neg AP; PSA; Micro	NT	
T6U322					
Item 3	Pos KM		Pos AP, Micro		
Item 4	Pos KM		Neg AP, Micro		
T7LBYJ					
Item 3	Pos TMB		Pos ALS, AP, Micro	NT	
Item 4	Pos TMB		Neg ALS, AP	NT	
T8VZHV					
Item 3	Pos KM		Pos AP, micro	NT	
Item 4	Pos KM		Neg AP	NT	
T9WZJW					
Item 3	Pos KM, Takayama		Pos AP	NT	
Item 4	Pos KM, Takayama		Neg AP	NT	
TA6A88					
Item 3	Pos KM		Pos AP, Micro	NT	
Item 4	Pos KM		Neg AP	NT	
TC8B7J					
Item 3	Pos KM		Pos AP, PSA	NT	
Item 4	Pos KM		Neg AP	NT	
TDP2UV					
Item 3	Pos LMG		Pos ALS, AP, Micro		
Item 4	Pos LMG		Neg AP		
TFCGDQ					
Item 3	Pos LMG, Hematrace		Pos AP, Micro, PSA	NT	
Item 4	Pos LMG, Hematrace		Neg AP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
TLLVRU					
Item 3	Pos	KM	Pos AP, Micro	NT	
Item 4	Pos	KM	Neg AP	NT	
TLUAYA					
Item 3	Pos	O-tol	Pos AP		
Item 4	Pos	O-tol	Neg AP		
TPX2T9					
Item 3	Pos	KM, LMG, RSID	Pos ALS, AP, Micro, PSA	Neg RSID	
Item 4	Pos	KM, LMG, RSID	Neg ALS, AP, Micro, PSA	Neg RSID	
TQCC4U					
Item 3	Pos	KM	Pos AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
TQZDFR					
Item 3	Pos	KM	Pos AP, PSA, Micro	NT	
Item 4	Pos	KM	Neg AP	NT	
TR9N4U					
Item 3	Pos	KM	Pos ALS, AP, Micro	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
TTDETV					
Item 3	Pos	KM, Hematrace	Pos AP, Micro	NT	
Item 4	Pos	KM, Hematrace	Neg AP, Micro	NT	
TUYP8W					
Item 3	Pos	LMG	Pos AP, Micro	NT	
Item 4	Pos	LMG	Neg AP	NT	
TV3LDT					
Item 3	Pos	LMG	Pos ACID PHOSPHATASE, PSA, RSID	Neg SALIGAE	
Item 4	Pos	LMG	Neg ACID PHOSPHATASE, PSA, RSID	Neg SALIGAE	
TXBTUR					
Item 3	Pos	KM	Pos ALS, AP, Micro	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
TY6MKW					
Item 3	Pos	KM, HemDirect	Pos AP	NT	
Item 4	Pos	KM, HemDirect	Neg AP	NT	
U9BNKM					
Item 3	Pos	Hematrace, TMB	Pos AP, Micro	Neg RSID Saliva	
Item 4	Pos	Hematrace, TMB	Neg AP	Neg RSID Saliva	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
U9TXAH					
Item 3	Pos	LMG, HEMATTRACE	Pos	AP, Micro, PSA	NT
Item 4	Pos	LMG, HEMATTRACE	Neg	AP	NT
UAGFXG					
Item 3	Pos	KM	Pos	ALS, AP, PSA, Micro	NT
Item 4	Pos	KM	Neg	ALS, AP	
UFJH3G					
Item 3	Pos	KM	Pos	micro, AP, PSA, ALS	NT
Item 4	Pos	KM	Neg	AP, ALS	NT
UGE29P					
Item 3	Pos	KM, ABA HemaTrace	Pos	AP, Micro	NT
Item 4	Pos	KM, ABA HemaTrace	Neg	AP	NT
UGKDXL					
Item 3	Pos	LMG, HT	Pos	AP, Micro, PSA	NT
Item 4	Pos	LMG, HT	Neg	AP, Micro, PSA	NT
UKHU3N					
Item 3	Pos	KM	Pos	ALS, Micro, PSA, AP	Neg amylase by radial diffusion Y screen, Pos alkaline lysis
Item 4	Pos	KM	Neg	ALS, Micro, PSA, AP	Neg amylase by radial diffusion Y screen, Neg alkaline lysis
UM8XZ2					
Item 3	Pos	KM	Pos	PSA	Neg AMYLASE
Item 4	Pos	KM	Neg	PSA	Neg AMYLASE
UNM8B3					
Item 3	Pos	KM, Hematrace	Pos	AP, Seratec, Micro	NT
Item 4	Pos	KM, Hematrace	Neg	AP, Seratec, Micro	NT
UQTJ7V					
Item 3	Pos	KM	Pos	AP, Micro	NT
Item 4	Pos	KM	Neg	AP	NT
URQXLN					
Item 3	Pos	KM	Pos	AP, Micro	Neg Phadebas
Item 4	Pos	KM	Neg	AP	Neg Phadebas
UU6TXZ					
Item 3	Pos	KM	Pos	AP, Micro	NT
Item 4	Pos	KM	Neg	AP, Micro	NT
UVEZWL					
Item 3	Pos	LMG, Hematrace	Pos	AP, PSA	NT
Item 4	Pos	LMG, Hematrace	Neg	AP	NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
UX7TXW					
Item 3	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	NT
Item 4	Pos	KM, HemaTrace	Neg	AP	Neg RSID
UYDZCH					
Item 3	Pos	KM, HemaTrace	Pos	PSA	Neg RSID
Item 4	Pos	KM, HemaTrace	Neg	PSA	Neg RSID
V2J63C					
Item 3	Pos	KM	Pos	AP, PSA, Micro	NT
Item 4	Pos	KM	Neg	AP, PSA	NT
V2NCRR					
Item 3	Pos	KM	Pos	ALS, AP, Micro	NT
Item 4	Pos	KM	Neg	ALS, AP	NT
V4CRBM					
Item 3	Pos	KM	Pos	AP, micro	Neg Phadebas
Item 4	Pos	KM	Neg	AP	Neg Phadebas
V6KV2C					
Item 3	Pos	KM, takayama	Pos	AP, Micro, PSA	Neg RSID
Item 4	Pos	KM, Hematrace	Neg	AP	Neg RSID
V6ZJVC					
Item 3	Pos	KM	Pos	AP, Micro	NT
Item 4	Pos	KM	Neg	AP, Micro	NT
V937PG					
Item 3	Pos	Hemastix	Pos	Brentamine	
Item 4	Pos	Hemastix			
V93EL8					
Item 3	Pos	KM	Pos	AP, Micro, PSA	Neg RSID
Item 4	Pos	KM	Neg	AP	NT
VAC7QG					
Item 3	Pos	KM	Pos	AP, PSA	NT
Item 4	Pos	KM	Neg	AP	NT
VH84JC					
Item 3	Pos	KM	Pos	AP, Micro	NT
Item 4	Pos	KM	Neg	AP, Micro	NT
VMNLW2					
Item 3	Pos	KM, Hematrace	Pos	AP, Seratec, Micro	NT
Item 4	Pos	KM, Hematrace	Neg	AP, Seratec	NT



TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
VN29EF					
Item 3	Pos	LMG, HemaTrace	Pos	AP, Micro, PSA	NT
Item 4	Pos	LMG, HemaTrace	Neg	AP	NT
VRHFU3					
Item 3	Pos	KM, Hematrace	Pos	AP, Seratec, Micro	NT
Item 4	Pos	KM, Hematrace	Neg	AP, Seratec	NT
VWFYW2					
Item 3	Pos	KM, Hematrace	Pos	ALS, AP, Seratec, Micro	NT
Item 4	Pos	KM, Hematrace	Neg	ALS, AP	NT
VWGQ4U					
Item 3	Pos	KM	Pos	ALS, AP, Micro	NT
Item 4	Pos	KM	Neg	ALS, AP	
VXLKN8					
Item 3	Pos	KM, HemDirect	Pos	AP	NT
Item 4	Pos	KM, HemDirect	Neg	AP	NT
VYUMAR					
Item 3	Pos	KM	Pos	AP, Micro	NT
Item 4	Pos	KM	Neg	AP	NT
VZUH2A					
Item 3	Pos	KM, RSID (HemDirect)	Pos	ALS, AP, RSID (Semenogelin), Micro	NT
Item 4	Pos	KM, RSID (HemDirect)	Neg	ALS, AP	NT
W467YC					
Item 3	Pos	KM	Pos	AP	NT
Item 4	Pos	KM	Neg	AP	NT
W4QGAT					
Item 3	Pos	KM, Takayama	Pos	AP	NT
Item 4	Pos	KM, Takayama	Neg	AP	NT
W7BKD6					
Item 3	Pos	LMG	Pos	AP, PSA	Neg RSID-Saliva
Item 4	Pos	LMG	Neg	AP	Neg RSID-Saliva
WB3RYY					
Item 3	Pos	KM	Pos	PSA	Neg amylase
Item 4	Pos	KM	Neg	PSA	Neg amylase
WB9YA8					
Item 3	Pos	KM, Hematrace	Pos	AP, PSA, Micro, ALS	Neg Amylase-Phadebas, ALS
Item 4	Pos	KM, Hematrace	Neg	AP, PSA, Micro, ALS	Neg Amylase-Phadebas, ALS

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
WCZ3XM					
Item 3	Pos	KM	Pos	PSA, Micro	NT
Item 4	Pos	KM	Neg	PSA, Micro	NT
WD7RQH					
Item 3	Pos	LMG	Pos	AP, PSA, micro	NT
Item 4	Pos	LMG	NT		NT
WHBVDT					
Item 3	Pos	KM, Takayama	Pos	AP	NT
Item 4	Pos	KM, Takayama	Neg	AP	NT
WJNPZT					
Item 3	Pos	KM	Pos	AP, Micro	NT
Item 4	Pos	KM	NT		NT
WK9U2B					
Item 3	Pos	O-tol	Pos	AP, Micro	
Item 4	Pos	O-tol	Neg	AP, Micro	
WLLDX2					
Item 3	Pos	KM, Hematrace	Pos	AP, PSA, Micro	Neg Phadebas
Item 4	Pos	KM, Hematrace	Neg	AP, PSA	Neg Phadebas
WLRCM6					
Item 3	Pos	KM, Hematrace	Pos	AP, PSA, Micro	NT
Item 4	Pos	KM, Hematrace	Neg	AP	NT
WLTFXM					
Item 3	Pos	KM, HemDirect	Pos	AP, Micro, ALS	NT
Item 4	Pos	KM, HemDirect	Neg	AP, Micro, ALS	NT
WVR7B3					
Item 3	Pos	LMG	Pos	AP, PSA	Neg RSID-Saliva
Item 4	Pos	LMG	Neg	AP	Neg RSID - Saliva
WYNURA					
Item 3	Pos	KM	Pos	ALS, AP, Micro, PSA	Neg Phadebas
Item 4	Pos	KM	Neg	ALS, AP, Micro, PSA	Neg Phadebas
WZ8E39					
Item 3	Pos	O-tol	Pos	AP, Micro	Neg Micro
Item 4	Pos	O-tol	Neg	AP	NT
X2CN7P					
Item 3	Pos	TMB, KM, LMG, RSID	Pos	AP, Micro, RSID	Neg Phadebas paper
Item 4	Pos	TMB, KM, LMG, RSID	Neg	AP	Neg Phadebas paper

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
<b>X68GYK</b>					
Item 3	Pos	KM	Pos	AP, Micro	NT
Item 4	Pos	KM	Neg	AP	NT
<b>X8ZB2V</b>					
Item 3	Pos	HemaTrace	Pos	ABAcad p30, Micro	Neg
Item 4	Pos	HemaTrace	Neg	ABAcad p30	NT
<b>X8ZBYA</b>					
Item 3	Pos	KM	NT	NT	Male DNA, Pos Zygem & qRT-PCR
Item 4	Pos	KM	NT	NT	
<b>XBPKEH</b>					
Item 3	Pos	HT, LMG	Pos	PSA, Micro, AP	NT
Item 4	Pos	HT, LMG	Neg	PSA, AP	NT
<b>XCBEV4</b>					
Item 3	Pos	KM	Pos	ALS, AP	
Item 4	Pos	KM	Neg	ALS, AP	
<b>XDM8G6</b>					
Item 3	Pos	KM, Hematrace	Pos	PSA, Micro, AP	Neg
Item 4	Pos	KM, Hematrace	Neg	PSA, Micro, AP	Neg
<b>XDQED8</b>					
Item 3	Pos	KM, Hemdirect	Pos	ALS, AP, Micro, Semenogelin	Neg
Item 4	Pos	KM, Hemdirect	Neg	ALS, AP, Micro	Neg
<b>XFNDVB</b>					
Item 3	Pos	COMBUR, HEXAGON	Pos	RSID SEMEN	Neg
Item 4	Pos	COMBUR, HEXAGON	Neg	RSID SEMEN	Neg
<b>XGANAC</b>					
Item 3	Pos	KM, O-Tol	Pos	Micro	Neg
Item 4	Pos	KM, O-Tol	Neg	Micro	Neg
<b>XGRKUY</b>					
Item 3	Pos	TMB, KM, Hematrace	Pos	ALS, AP, PSA, Micro	
Item 4	Pos	TMB, KM, Hematrace	Neg	ALS, AP, Micro	
<b>XLLMNQ</b>					
Item 3	Pos	LMG	Pos	AP, Micro	NT
Item 4	Pos	LMG	Neg	AP	NT
<b>XMDLPH</b>					
Item 3	NT		NT	NT	Human Quant Duo
Item 4	NT		NT	NT	Human Quant Duo

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
XN6FQT						
Item 3	Pos	KM, HemaTrace	Pos	PSA, Micro	Neg	RSID
Item 4	Pos	KM, HemaTrace	Neg	PSA	Neg	RSID
XQZ493						
Item 3	Pos	KM, HemDirect	Pos	AP	NT	
Item 4	Pos	KM, HemDirect	Neg	AP	NT	
XUC7TX						
Item 3	Pos	Hemastix, Hexagon OBTI	Pos	Phosphatesmo, PSA	Neg	RSID Saliva
Item 4	Pos	Hemastix, Hexagon OBTI	Neg	Phosphatesmo, PSA	Neg	RSID Saliva
XVRE9E						
Item 3	Pos	KM	Pos	AP, Micro, ABA p30	Neg	Phadebas
Item 4	Pos	KM	Neg	AP, Micro, ABA p30	Neg	Phadebas
XZN2V3						
Item 3	Pos	KM	Pos	ALS, AP	NT	
Item 4	Pos	KM	Neg	ALS, AP	NT	
XZNYA4						
Item 3	Pos	KM, HemDirect	Pos	AP	NT	
Item 4	Pos	KM, HemDirect	Neg	AP	NT	
Y32C2P						
Item 3	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	Neg	RSID
Item 4	Pos	KM, HemaTrace	Neg	AP, PSA, Micro	Neg	RSID
Y3NMZY						
Item 3	Pos	KM	Pos	AP, micro	NT	
Item 4	Pos	KM	Neg	AP	NT	
Y69PR4						
Item 3	Pos	KM, Takayama	Pos	AP, Micro	Neg	RSID-saliva
Item 4	Pos	KM, Hematrace	Neg	AP	Neg	RSID-saliva
						Human Origin, Pos Plexor HY
						Human Origin, Pos Hematrace, Plexor HY
Y8KBKR						
Item 3	Pos	KM, Hematrace	Pos	AP, PSA, Micro	Neg	Phadebas
Item 4	Pos	KM, Hematrace	Neg	AP, PSA, Micro	Neg	Phadebas
Y8TLA3						
Item 3	Pos	PTMB	Pos	AP, Micro	Neg	Phadebas
Item 4	Pos	PTMB	Neg	AP	Neg	Phadebas
YGKYBN						
Item 3	Pos	KM	Pos	AP, Micro	NT	
Item 4	Pos	KM	Neg	AP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
YLGAX9					
Item 3	Pos	O-tol, PPTH, color	Pos	AP, Micro	NT
Item 4	Pos	O-tol, PPTH, color	Neg	AP, Micro	NT
YNM2JU					
Item 3	NT		Pos	ALS, AP, Micro, PSA	NT
Item 4	NT		Neg	ALS, AP	NT
YQD6C2					
Item 3	Pos	KM, Hematrace	Pos	AP, PSA, Micro	NT
Item 4	Pos	KM, Hematrace	Neg	AP	NT
YQQV8D					
Item 3	Pos	KM	Pos	AP, Micro	NT
Item 4	Pos	KM	Neg	AP, Micro	NT
YR62YB					
Item 3	Pos	TMB	Pos	ALS, AP, Micro	NT
Item 4	Pos	TMB	Neg	ALS, AP, Micro	NT
YTL8HL					
Item 3	Pos	KM	Pos	AP, Micro	NT
Item 4	Pos	KM	Neg	AP	NT
YUQ4DA					
Item 3	Pos	BLUESTAR OBTI	Pos	RSID	NT
Item 4	Pos	BLUESTAR OBTI	Neg	RSID	Neg RSID
YVQXLU					
Item 3	Pos	PTMB, hematrace	Pos	AP, PSA, Micro	Neg Phadebas urine, Neg Uritrace
Item 4	Pos	PTMB, hematrace	Neg	AP, PSA	Neg Phadebas urine, Neg Uritrace
YWG4YZ					
Item 3	Pos	KM	Pos	ALS, AP	NT
Item 4	Pos	KM	NT		NT
YX6PAM					
Item 3	Pos	KM	Pos	AP, Micro	NT
Item 4	Pos	KM	Neg	AP	NT
YY83JP					
Item 3	Pos	KM, HemDirect	Pos	AP, Micro	NT
Item 4	Pos	KM, HemDirect	Neg	AP, Micro	NT
YYPFG2					
Item 3	Pos	KM	Pos	ALS, AP	NT
Item 4	Pos	KM	Neg	ALS, AP	NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
Z37Z73					
Item 3	Pos	KM, HemDirect	Pos	AP, Micro	NT
Item 4	Pos	KM, HemDirect	Neg	AP	NT
Z3JKQK					
Item 3	Pos	ABA Heme	Pos	PSA, Micro	NT
Item 4	Pos	ABA Heme	Neg	PSA, Micro	NT
Z3KJYK					
Item 3	Pos	KM	Pos	ALS, AP, Micro	NT
Item 4	Pos	KM	Neg	ALS, AP	NT
Z4ANJR					
Item 3	Pos	Hematrace	Pos	AP, Micro	Neg RSID
Item 4	Pos	Hematrace	Neg	AP	Neg RSID
Z4YPT4					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT
Z6PZ64					
Item 3	Pos	KM, Hematrace	Pos	PSA, Micro	Neg RSID
Item 4	Pos	KM, Hematrace	Neg	PSA, Micro	Neg RSID
Z6V63F					
Item 3	Pos	PTMB	Pos	ALS, AP, Micro	NT
Item 4	Pos	PTMB	Neg	ALS, AP	NT
Z73NP3					
Item 3	Pos	KM	Pos	AP, Micro, PSA	
Item 4	Pos	KM	Neg	AP, Micro, PSA	
Z8FC33					
Item 3	Pos	Visual, Phenolphthalin, Luminol, Takayama, Hemdirect	Pos	ALS, AP, Micro	Neg Amylase Diffusion
Item 4	Pos	Visual, Phenolphthalin, Luminol, Takayama, Hemdirect	Neg	ALS, AP, Micro	Neg Amylase Diffusion
Z8GTG2					
Item 3	Pos	KM	Pos	ALS, AP	NT
Item 4	Pos	KM	Neg	ALS, AP	NT
Z8QXNH					
Item 3	Pos	Hemastix, Hematrace	Pos	AP, Micro	NT
Item 4	Pos	Hemastix, Hematrace	Neg	AP	NT
Z9UFYF					
Item 3	Pos	PTMB	Pos	ALS, AP, Micro	NT
Item 4	Pos	PTMB	Neg	ALS, AP	NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
ZBDR9P					
Item 3	Pos	KM	Pos	AP, Micro	NT
Item 4	Pos	KM	Neg	AP	NT
ZBHVD3					
Item 3	Pos	KM, ABA HemaTrace	Pos	AP, Micro, PSA	NT
Item 4	Pos	KM, ABA HemaTrace	Neg	AP	NT
ZCQHF9					
Item 3	Pos	TMB, HemaTrace	Pos	ALS, AP, Micro, PSA	
Item 4	Pos	TMB, HemaTrace	Neg	ALS, AP	
ZF7ME4					
Item 3	Pos	KM	Pos	AP, micro, PSA	Neg RSID Human, Pos Plexor, Fusion 6C
Item 4	Pos	KM, Hematrace	Neg	AP	Neg Phadebas Human, Pos Plexor, Fusion 6C
ZFPLF9					
Item 3	Pos	KM	Pos	AP, Micro	NT
Item 4	Pos	KM	Neg	AP	NT
ZG299V					
Item 3	Pos	LMG	Pos	ALS, AP, Micro, PSA	NT
Item 4	Pos	LMG	Neg	ALS, AP	NT
ZHDCBL					
Item 3	Pos	KM	Pos	AP, PSA, Micro	NT
Item 4	Pos	KM	Neg	AP	NT
ZLZTZL					
Item 3	Pos	KM	Pos	ALS, AP, Micro	NT
Item 4	Pos	KM	Neg	ALS, AP	NT
ZNGWW6					
Item 3	Pos	Phen, OBTI	Pos	AP, Micro, PSA	NT
Item 4	Pos	Phen, OBTI	Neg	AP, Micro, PSA	NT
ZNMEN3					
Item 3	Pos	KM	Pos	AP, PSA, micro	NT
Item 4	Pos	KM	Neg	AP, PSA, micro	NT
ZPX449					
Item 3	Pos	LMG, TMB	Pos	ALS, AP, Micro, PSA	NT
Item 4	Pos	LMG, TMB	Neg	ALS, AP	NT
ZTDM73					
Item 3	Pos	KM, HemDirect	Pos	AP	NT
Item 4	Pos	KM, HemDirect	Neg	AP	NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
ZV3643					
Item 3	Pos	KM, Hematrace	Pos	AP, PSA, Micro	NT
Item 4	Pos	KM, Hematrace	Neg	AP	NT

Table 1: Serology Screening Response Summary		Item 3		Participants: 586
ITEM 3:	Blood	Semen	Saliva	
Positive	574	553	1	
Negative	1	1	154	
Inconclusive	0	0	1	
Not Tested (NT)	10	27	394	
Not Reported	1	5	36	

Table 1: Serology Screening Response Summary		Item 4		Participants: 586
ITEM 4:	Blood	Semen	Saliva	
Positive	575	0	1	
Negative	0	531	147	
Inconclusive	0	0	0	
Not Tested (NT)	10	45	394	
Not Reported	1	10	44	



# STR Amplification Kit(s) & Results

## 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	
<b>Item 1 - STR Results</b>						
223XT3	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
224PWP	PowerPlex® 21					
	15,16	24,25		14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	10,10
	8,8		6,7	8,8	15,19	
24DJUB	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
26PBYZ	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
289HY8	Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
293AMY	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
29LY8F	PowerPlex® Fusion 5C					
	15,16	24,25	11,12	14,18	NA	8,11
1	NA	8,10	13,15	NA	15	18,19
	8,11	9,11	NA	12,14.2	12.2,13.2	NA
	29,36	10,16	X	10,12	20,22	10
	8	NA	6,7	8	15,19	

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

2BRGD3	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
2C62Z7	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	
2GJNWC	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
2KH9M2	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
2LXATA	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
2PB7BK	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18	-	8,11
	-	8,10	13,15	-	15	18,19
	8,11	9,11	-	12,14.2	12.2,13.2	-
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
2QJD87	PowerPlex® Fusion					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8		6,7	8,8	15,19	

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	
<b>Item 1 - STR Results</b>						
2U3BZ3	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
2UZQ22	Identifiler® Plus					
		24,25		14,18		8,11
1		8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X	10,12	20,22	
			6,7	8	15,19	
2WV49T	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
2X6BBL	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
2YRZAE	GlobalFiler™, Investigator® 24plex QS					
	15,16	24,25	11,12	14,18	Not Tested	8,11
1	Not Tested	8,10	13,15	Not Tested	15,15	18,19
	8,11	9,11	Not Tested	12,14.2	12.2,13.2	Not Tested
	29,36	10,16	X,X	10,12	20,22	Not Tested
	Not Tested	18.2,21.2	6,7	8,8	15,19	
2ZQ7K8	Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
32NNK3	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	

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	
<b>Item 1 - STR Results</b>						
32TFZG	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
344DH6	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
37BNFU	Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
393CGP	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
39BQBW	PowerPlex® Fusion 5C, GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	
39KJHZ	GlobalFiler™ Express					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
39MBAG	Investigator® 24plex QS					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	

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

3C3HXG	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
3CG683	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
3CXCBY	Identifiler® Plus					
	24,25			14,18		8,11
	8,10		13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X	10,12	20,22	
		6,7	8	15,19		
3H7MJT	GlobalFiler™ Express					
	15,16	24,25	11,12	14,18	NT	8,11
	NT	8,10	13,15	NT	15,15	18,19
	8,11	9,11	NT	12,14.2	12.2,13.2	NT
	29,36	10,16	X,X	10,12	20,22	NT
	NT	18.2,21.2	6,7	8,8	15,19	
3LM74N	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	8,10		13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	
3LQJ8Y	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,10		13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
3LU2CP	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,10		13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		

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

3LUYMK	PowerPlex® Fusion 5C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8		6,7	8,8	15,19	
3VNJEV	PowerPlex® Fusion 5C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8		6,7	8	15,19	
3WNE7E	PowerPlex® FUSION 5C					
	15,16	24,25	11,12	14,18	NA	8,11
1	NA	8,10	13,15	NA	15	18,19
	8,11	9,11	NA	12,14.2	12.2,13.2	NA
	29,36	10,16	X	10,12	20,22	10
	8	NA	6,7	8	15,19	
3X33HR	Identifiler® Plus					
		24,25		14,18		8,11
1		8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
			6,7	8,8	15,19	
3XJ4H9	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
3YYBXX	Identifiler® Plus					
		24,25		14,18		8,11
1		8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X	10,12	20,22	
			6,7	8	15,19	
446BU2	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	

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

44Z46Y	PowerPlex® Fusion					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10
	8		6,7	8	15,19	
4787AH	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
47MPUF	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
482WDC	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
48WN34	Identifiler® Plus					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
4BWX9Y	Identifiler® Plus, MiniFiler					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
4D9KTY	PowerPlex® Fusion 5C					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8		6,7	8	15,19	

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

4JP8G9	PowerPlex® Fusion 5C, Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
4JVD3D	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
4KALMY	PowerPlex® Fusion					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8		6,7	8	15,19	
4KAWT3	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
4KTNZ2	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
4L2QWX	Identifiler® Plus					
		24,25		14,18		8,11
1		8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X	10,12	20,22	
			6,7	8	15,19	
4LYCUX	Investigator® 24plex GO					
	15,16	24,25	11,12	14,18	N/A	8,11
1	N/A	8,10	13,15	N/A	15,15	18,19
	8,11	9,11	N/A	12,14.2	12.2,13.2	N/A
	29,36	10,16	X,X	10,12	20,22	N/A
	N/A	18.2,21.2	6,7	8,8	15,19	



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	
<b>Item 1 - STR Results</b>						
4P24FW	Investigator® 24plex GO!					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
4PGCCX	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
4XC7VQ	PowerPlex® F6C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
4ZGYPN	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
62BWK3	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	
63A99H	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
63HJRE	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	

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

67T46B	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	1	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
68AQ7G	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	1	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
68MRM7	Identifiler®, GlobalFiler™ Express					
	15,16	24,25	11,12	14,18		8,11
	1	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
68ZJAF	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	1	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
69V2KH	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	1	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
6ARKDX	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	1	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
6BJHUQ	Identifiler® Plus, GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	1	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		

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

6BUMU8	Identifiler® Plus						
		24,25		14,18		8,11	
1		8,10	13,15				
		8,11	9,11		12,14.2	12.2,13.2	
		29,36	X,X	10,12		20,22	
			6,7	8,8		15,19	
6BUPF6	GlobalFiler™						
		15,16	24,25	11,12	14,18	-	8,11
1		-	8,10	13,15	-	15	18,19
		8,11	9,11	-	12,14.2	12.2,13.2	-
		29,36	10,16	X	10,12	20,22	-
		-	18.2,21.2	6,7	8	15,19	
6CQTGT	GlobalFiler™						
		15,16	24,25	11,12	14,18		8,11
1			8,10	13,15		15,15	18,19
		8,11	9,11		12,14.2	12.2,13.2	
		29,36	10,16	X,X	10,12	20,22	
			18.2,21.2	6,7	8,8	15,19	
6CXZQV	GlobalFiler™						
		15,16	24,25	11,12	14,18		8,11
1			8,10	13,15		15,15	18,19
		8,11	9,11		12,14.2	12.2,13.2	
		29,36	10,16	X,X	10,12	20,22	
			18.2,21.2	6,7	8,8	15,19	
6F89VR	Identifiler® Plus, Investigator® 24plex						
		15,16	24,25	11,12	14,18		8,11
1			8,10	13,15		15	18,19
		8,11	9,11		12,14.2	12.2,13.2	
		29,36	10,16	X	10,12	20,22	
			18.2,21.2	6,7	8	15,19	
6FR2PP	GlobalFiler™						
		15,16	24,25	11,12	14,18		8,11
1			8,10	13,15		15	18,19
		8,11	9,11		12,14.2	12.2,13.2	
		29,36	10,16	X	10,12	20,22	
			18.2,21.2	6,7	8	15,19	
6K98NK	PowerPlex® Fusion 6C						
		15,16	24,25	11,12	14,18		8,11
1			8,10	13,15		15	18,19
		8,11	9,11		12,14.2	12.2,13.2	
		29,36	10,16	X	10,12	20,22	10
		8	18.2,21.2	6,7	8	15,19	

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	
<b>Item 1 - STR Results</b>						
6LEVCA	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
6LJ99X	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
6MCZHU	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
6MWQCN	Identifiler® Plus, Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
6TGUDY	PowerPlex® Fusion 5C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8		6,7	8	15,19	
6V68W3	PowerPlex® Fusion					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8		6,7	8,8	15,19	
6WHX78	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	

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

6X7KAU	PowerPlex® Fusion 5C					
		15,16	24,25	11,12	14,18	8,11
	1		8,10	13,15		15,15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
	8,8		6,7	8,8	15,19	
6XCJZX	Identifiler® Plus					
			24,25		14,18	8,11
	1		8,10	13,15		
		8,11	9,11		12,14.2	12.2,13.2
		29,36		X	10,12	20,22
			6,7	8	15,19	
6ZZ8DY	PowerPlex® Fusion 6C					
		15,16	24,25	11,12	14,18	8,11
	1		8,10	13,15		15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
	8	18.2,21.2	6,7	8	15,19	
72TEYM	GlobalFiler™					
		15,16	24,25	11,12	14,18	8,11
	1		8,10	13,15		15,15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
		18.2,21.2	6,7	8,8	15,19	
76TN6J	PowerPlex® Fusion 6C					
		15,16	24,25	11,12	14,18	8,11
	1		8,10	13,15		15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
	8	18.2,21.2	6,7	8	15,19	
78TRTJ	PowerPlex® Fusion 6C					
		15,16	24,25	11,12	14,18	8,11
	1		8,10	13,15		15,15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
	8,8	18.2,21.2	6,7	8,8	15,19	
799VTH	PowerPlex® Fusion 6C					
		15,16	24,25	11,12	14,18	8,11
	1		8,10	13,15		15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
	8	18.2,21.2	6,7	8	15,19	

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

79BMKY	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
7D6JGP	PowerPlex® ESX 16					
	15,16	24,25	11,12	14,18		
			13,15		15,15	18,19
		9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X		20,22	
		6,7		15,19		
7EDXH4	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
7EFLVN	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
7FPT7G	PowerPlex® Fusion 6C Direct					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
7HFUAJ	PowerPlex® 6C					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
7L89C8	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	

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

7MKNU	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
7R22YN	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
7TWH7	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
7X7QJ2	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	
7X7T4Y	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
7XLA4Y	PowerPlex® Fusion					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
7XQEZB	Identifiler® Plus					
		24,25		14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X	10,12	20,22	
			6,7	8	15,19	

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

7YV96U	PowerPlex® 16, MiniFiler					
		24,25		14,18		8,11
1		8,10	13,15			
		8,11	9,11	12,14.2		
		29,36	X,X	10,12	20,22	10,10
		8,8	6,7	8,8	15,19	
7ZU8N3	GlobalFiler™					
		15,16	24,25	11,12	14,18	8,11
1		8,10	13,15		15,15	18,19
		8,11	9,11	12,14.2	12.2,13.2	
		29,36	10,16	X,X	10,12	20,22
		18.2,21.2	6,7	8,8	15,19	
82NEDD	PowerPlex® Fusion 6C					
		15,16	24,25	11,12	14,18	8,11
1		8,10	13,15		15	18,19
		8,11	9,11	12,14.2	12.2,13.2	
		29,36	10,16	X	10,12	20,22
		8	18.2,21.2	6,7	8	15,19
84DQBX	PowerPlex® Fusion 6C					
		15,16	24,25	11,12	14,18	8,11
1		8,10	13,15		15	18,19
		8,11	9,11	12,14.2	12.2,13.2	
		29,36	10,16	X	10,12	20,22
		8	18.2,21.2	6,7	8	15,19
84QDHY	PowerPlex® Fusion					
		15,16	24,25	11,12	14,18	8,11
1		8,10	13,15		15,15	18,19
		8,11	9,11	12,14.2	12.2,13.2	
		29,36	10,16	X,X	10,12	20,22
		8,8	6,7	8,8	15,19	
88AABV	Identifiler®					
		24,25		14,18		8,11
1		8,10	13,15			
		8,11	9,11	12,14.2	12.2,13.2	
		29,36	X,X	10,12	20,22	
			6,7	8,8	15,19	
89JEKD	PowerPlex® Fusion					
		15,16	24,25	11,12	14,18	8,11
1		8,10	13,15		15	18,19
		8,11	9,11	12,14.2	12.2,13.2	
		29,36	10,16	X	10,12	20,22
		8	6,7	8	15,19	



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

8BMA8M	GlobalFiler™					
	15,16	24,25	11,12	14,18	N/A	8,11
	N/A	8,10	13,15	N/A	15,15	18,19
	8,11	9,11	N/A	12,14.2	12.2,13.2	N/A
	29,36	10,16	X,X	10,12	20,22	N/A
	N/A	18.2,21.2	6,7	8,8	15,19	
8CMWE2	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	
8D3CHG	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
8EMJEH	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
8GCMBW	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
8LRZ8D	PowerPlex® FUSION					
	15,16	24,25	11,12	14,18		8,11
		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8		6,7	8	15,19	
8MTWVF	PowerPlex® FUSION 6C DIRECT					
	15,16	24,25	11,12	14,18		8,11
		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	

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

8N2A4V	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	8,11	8,10	13,15		15	18,19
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
8NFD6M	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	8,10	13,15		15,15	18,19
	29,36	10,16	X,X	10,12	20,22	
	8	18.2,21.2	6,7	8,8	15,19	
8PMWQC	GlobalFiler™					
	15,16	24,25	11,12	14,18	N/T	8,11
	8,11	8,10	13,15	N/T	15,15	18,19
	29,36	10,16	X,X	10,12	20,22	N/T
	8	18.2,21.2	6,7	8,8	15,19	
8Q2FEF	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	8,10	13,15		15	18,19
	29,36	10,16	X	10,12	20,22	
	8	18.2,21.2	6,7	8	15,19	
8TTBGG	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	8,10	13,15		15	18,19
	29,36	10,16	X	10,12	20,22	
	8	18.2,21.2	6,7	8	15,19	
8UPYRY	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	8,10	13,15		15	18,19
	29,36	10,16	X	10,12	20,22	
	8	18.2,21.2	6,7	8	15,19	
8UVGCN	PowerPlex® Fusion 5C					
	15,16	24,25	11,12	14,18		8,11
	8,11	8,10	13,15		15,15	18,19
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8		6,7	8,8	15,19	

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	
<b>Item 1 - STR Results</b>						
942E3D	Identifiler® Plus, PowerPlex® Fusion 5C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8		6,7	8	15,19	
948NYJ	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
96E7WE	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
96ZKPD	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
9792AP	Identifiler® Plus					
		24,25		14,18		8,11
1		8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X	10,12	20,22	
			6,7	8	15,19	
97FQ7N	GlobalFiler™ Express					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
9EUTA6	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	

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

9JL2FW	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
9P6FWV	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
9PJN4B	Identifiler® Plus					
		24,25		14,18		8,11
1		8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
			6,7	8	15,19	
9QY6N	Identifiler® Plus, Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
9RCH3Z	PowerPlex® Fusion					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.3,13.2	
	29,36	10,16	X	10,12	20,22	10
	8		6,7	8	15,19	
9RCMGN	GlobalFiler™ Express					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
9RGY6K	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	

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

9YDU64	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	1	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
9ZL37W	PowerPlex® ESI-17, ESX-17					
	15,16	24,25	11,12	14,18		
	1		13,15		15,15	18,19
		9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X		20,22	
	18.2,21.2	6,7		15,19		
A2HQCX	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	1	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	
A323DM	Identifiler® Plus, GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	1	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
A36LKY	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	1	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
A42YBD	PowerPlex® Fusion 5C					
	15,16	24,25	11,12	14,18		8,11
	1	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	6,7	8,8	15,19		
A4G3VR	Identifiler® Plus, MiniFiler					
		24,25		14,18		8,11
	1	8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X	10,12	20,22	
		6,7	8	15,19		

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

A76UQU	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	1	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
A7P9GT	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	1	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
A8P8RE	GlobalFiler™ Express					
	15,16	24,25	11,12	14,18		8,11
	1	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
A9TCLZ	PowerPlex® FUSION					
	15,16	24,25	11,12	14,18		8,11
	1	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	6,7	8,8	15,19		
AAMRJQ	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	1	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
ABEYF9	PowerPlex® Fusion 5C, GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	1	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	
ABV7J6	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	1	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		

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

ACWUD3	Investigator® 24plex	15,16	24,25	11,12	14,18	8,11
	1		8,10	13,15		15,15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
			18.2,21.2	6,7	8,8	15,19
ADUCBC	PowerPlex® Fusion	15,16	24,25	11,12	14,18	8,11
	1		8,10	13,15		15,15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
		8,8		6,7	8,8	15,19
AFV4LJ	Investigator® 24plex	15,16	24,25	11,12	14,18	8,11
	1	NA	8,10	13,15	NA	15,15
		8,11	9,11	NA	12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
		NA	18.2,21.2	6,7	8,8	15,19
AP2YD3	Identifiler®		24,25		14,18	8,11
	1		8,10	13,15		
		8,11	9,11		12,14.2	12.2,13.2
		29,36		X,X	10,12	20,22
				6,7	8,8	15,19
AV2L2W	NGM Select	15,16	24,25	11,12	14,18	
	1			13,15		15,15
			9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X		20,22
			18.2,21.2	6,7		15,19
AVRK9W	PowerPlex® Fusion 6C	15,16	24,25	11,12	14,18	8,11
	1		8,10	13,15		15,15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
		8,8	18.2,21.2	6,7	8,8	15,19
B429MU	PowerPlex® Fusion 6C	15,16	24,25	11,12	14,18	8,11
	1		8,10	13,15		15,15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
		8,8	18.2,21.2	6,7	8,8	15,19

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

B89TE9	Identifiler® Plus					
		24,25		14,18		8,11
1		8,10	13,15			
		8,11	9,11		12,14.2	12.2,13.2
		29,36	X,X	10,12		20,22
			6,7	8,8		15,19
B8W62M	PowerPlex® Fusion					
		15,16	24,25	11,12	14,18	8,11
1		8,10	13,15		15	18,19
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
		8	6,7	8		15,19
B9YLTT	GlobalFiler™					
		15,16	24,25	11,12	14,18	-
1		-	8,10	13,15	-	15,15
		8,11	9,11	-	12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
		-	18.2,21.2	6,7	8,8	15,19
BBKH2J	GlobalFiler™					
		15,16	24,25	11,12	14,18	8,11
1		8,10	13,15		15,15	18,19
		8,11	9,11		12.2,13.2	
		29,36	10,16	X,X	10,12	20,22
			18.2,21.2	6,7	8,8	15,19
BE2QPH	GlobalFiler™					
		15,16	24,25	11,12	14,18	8,11
1		8,10	13,15		15	18,19
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
			18.2,21.2	6,7	8	15,19
BG8C84	GlobalFiler™					
		15,16	24,25	11,12	14,18	8,11
1		8,10	13,15		15	18,19
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
			18.2,21.2	6,7	8	15,19
BGRUBX	GlobalFiler™					
		15,16	24,25	11,12	14,18	8,11
1		8,10	13,15		15	18,19
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
			18.2,21.2	6,7	8	15,19



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

BHZZKT	Identifiler® Plus					
		24,25		14,18		8,11
1		8,10	13,15			
		8,11	9,11		12,14.2	12.2,13.2
		29,36	X,X	10,12		20,22
			6,7	8,8		15,19
BJTZLP	GlobalFiler™					
		15,16	24,25	11,12	14,18	8,11
1		8,10	13,15		15	18,19
		8,11	9,11		12,[INC^],14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
		18.2,21.2	6,7	8		15,19
BJWHPF	GlobalFiler™					
		15,16	24,25	11,12	14,18	8,11
1		8,10	13,15		15	18,19
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
		18.2,21.2	6,7	8		15,19
BL22NW	GlobalFiler™					
		15,16	24,25	11,12	14,18	8,11
1		8,10	13,15		15,15	18,19
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
		18.2,21.2	6,7	8,8		15,19
BL2766	PowerPlex® Fusion					
		15,16	24,25	11,12	14,18	8,11
1		8,10	13,15		15	18,19
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
		8	6,7	8		15,19
BMUYW3	Identifiler® Direct					
		-	24,25	-	14,18	-
1		-	8,10	13,15	-	-
		8,11	9,11	-	12,14.2	12.2,13.2
		29,36	-	X,X	10,12	20,22
		-	-	6,7	8	15,19
BN64CR	PowerPlex® Fusion 6C					
		15,16	24,25	11,12	14,18	-
1		-	8,10	13,15	-	15
		8,11	9,11	-	12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
		8	18.2,21.2	6,7	8	15,19

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

BPTGQN	PowerPlex® Fusion 6C, GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
BPX2QX	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
BTZR2J	Identifiler® Plus					
		24,25		14,18		8,11
1		8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
			6,7	8,8	15,19	
BXGZPJ	Investigator® 24plex QS					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
C2CA7Q	GlobalFiler™ Express					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
C2PQ4P	Identifiler® Plus					
		24,25		14,18		8,11
1		8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X	10,12	20,22	
			6,7	8	15,19	
C3HUR6	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	

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

C3XVNZ	Identifiler® Plus					
		24,25		14,18		8,11
1		8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
			6,7	8,8	15,19	
C4ZR9W	GlobalFiler™ Express					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
C6BK2Q	GlobalFiler™ Express					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
C8AYJ9	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
CA3QPD	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
CBYEZW	GlobalFiler™					
	15,16	24,25	11,12	14,18	-	8,11
1		8,10	13,15	-	15,15	18,19
	8,11	9,11	-	12,14.2	12.2,13.2	-
	29,36	10,16	X,X	10,12	20,22	-
	-	18.2,21.2	6,7	8,8	15,19	
CDDZGH	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	

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

CEG8AQ	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
CEU7VL	PowerPlex® Fusion 5C, GlobalFiler™, Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
CGLXG7	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
CGNLQH	Investigator® 24plex QS					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
CJU8EH	Investigator® 24plex QS					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
CLBG9M	PowerPlex® Fusion 5C, Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
CLQYA8	Identifiler® Plus					
		24,25		14,18		8,11
	8,10	8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
		6,7	8	15,19		

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

CM3Q2P	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
CTBUBC	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
CTCWUN	Identifiler® Plus					
	24,25			14,18		8,11
	8,10		13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X	10,12	20,22	
		6,7	8	15,19		
CTJW7Q	GlobalFiler™ Express					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
CZBFVJ	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
D3FJAR	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
D7VW79	PowerPlex® Fusion					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	6,7	8	15,19		

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

D87W7A	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
DBAKRQ	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
DC3DRG	Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
DCM286	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
DDJKXX	PowerPlex® F6C					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
DMA3ME	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
DNZ92K	PowerPlex® Fusion 6C, GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	

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

DP7N9B	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
DPNUAL	PowerPlex® Fusion 5C					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	6,7	8	15,19		
DUZMM7	Identifiler® DIRECT					
	24,25			14,18		8,11
	8,10	8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
	6,7		8	15,19		
DV2FME	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
DVUG9G	Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
DXQTCW	GlobalFiler™					
	15,16	24,25	11,12	14,18	-	8,11
	-	8,10	13,15	-	15,15	18,19
	8,11	9,11	-	12,14.2	12.2,13.2	-
	29,36	10,16	X,X	10,12	20,22	-
	-	18.2,21.2	6,7	8,8	15,19	
E44E8K	Identifiler® Plus					
	24,25			14,18		8,11
	8,10	8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
	6,7		8,8	15,19		

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

E4NWP9	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
E67RGM	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
E6LDLJ	PowerPlex® Fusion 6C, GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
E8MA77	PowerPlex® Fusion 5C					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8		6,7	8	15,19	
E8MEQL	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
EGWMJU	GlobalFiler™ Express					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
EJMNMW	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	



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

EKC9AF	Identifiler® Plus					
		24,25		14,18		8,11
1		8,10	13,15			
		8,11	9,11		12,14.2	12.2,13.2
		29,36	X,X	10,12		20,22
			6,7	8,8		15,19
EP86PL	PowerPlex® Fusion 6C					
		15,16	24,25	11,12	14,18	8,11
1		8,10	13,15		15	18,19
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
		8	18.2,21.2	6,7	8	15,19
EQYWX7	GlobalFiler™					
		15,16	24,25	11,12	14,18	8,11
1		8,10	13,15		15	18,19
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
			18.2,21.2	6,7	8	15,19
ETP4BF	PowerPlex® Fusion 5C					
		15,16	24,25	11,12	14,18	8,11
1		8,10	13,15		15	18,19
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
		8		6,7	8	15,19
EVTV7A	Identifiler® Direct					
		24,25		14,18		8,11
1		8,10	13,15			
		8,11	9,11		12,14.2	12.2,13.2
		29,36	X,X	10,12		20,22
			6,7	8,8		15,19
EVWF4Q	GlobalFiler™ Express					
		15,16	24,25	11,12	14,18	8,11
1		8,10	13,15		15,15	18,19
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
			18.2,21.2	6,7	8,8	15,19
EWZBF2	PowerPlex® Fusion 5C					
		15,16	24,25	11,12	14,18	NA
1		NA	8,10	13,15	NA	15
		8,11	9,11	NA	12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
		8	NA	6,7	8	15,19

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	
<b>Item 1 - STR Results</b>						
EXV34T	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
F2W8QD	Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
F2XX3N	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
F3LMR9	PowerPlex® Fusion					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10
	8		6,7	8	15,19	
F4773M	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
F6R7UB	PowerPlex® F6C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
FA8F6U	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	

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

FAAA27	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	1	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
FB6R9N	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	1	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
FEPHP7	PowerPlex® Fusion 6C Direct					
	15,16	24,25	11,12	14,18		8,11
	1	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
FHG8BH	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	1	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
FJTM3X	Identifiler® Direct					
		24,25		14,18		8,11
	1	8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
		6,7	8	15,19		
FKFTT4	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	1	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
FKFVH9	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	1	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	

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

FKQX2L	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	1	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
FLN7A7	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	1	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
FLYAF3	PowerPlex® Fusion 5C					
	15,16	24,25	11,12	14,18		8,11
	1	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8		6,7	8	15,19	
FMCLCL	Identifiler® Plus, PowerPlex® 16 HS					
		24,25		14,18		8,11
	1	8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X	10,12	20,22	10,10
	8,8		6,7	8,8	15,19	
FMTV9T	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	1	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
FQWDC	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	1	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
FVNVLZ	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	1	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	

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

FXGPMB	PowerPlex® F6C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	
FXTNFX	PowerPlex® Fusion 5C					
	15,16	24,25	11,12	14,18	NA	8,11
1	NA	8,10	13,15	NA	15	18,19
	8,11	9,11	NA	12,14.2	12.2,13.2	NA
	29,36	10,16	X	10,12	20,22	10
	8	NA	6,7	8	15,19	
FXVBWC	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
FZ2K3N	Identifiler® Plus, GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
FZKHGA	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
G3J6KX	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
G4LNZ2	Identifiler® Plus					
		24,25		14,18		8,11
1		8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
			6,7	8	15,19	

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

G6AEKQ	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
G9PRG8	PowerPlex® 16					
				14,18		8,11
	8,11	9,11		12,14.2		
	29,36		X	10,12	20,22	10
	8		6,7	8	15,19	
GAQPNM	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
GAZQFM	Identifiler® Plus					
		24,25		14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
			6,7	8,8	15,19	
GCE2YZ	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
GD8YTD	Investigator® 24plex					
	15,16	24,25	11,12	14,18	NA	8,11
	8,11	9,11	NA	12,14.2	12.2,13.2	NA
	29,36	10,16	X,X	10,12	20,22	NA
	NA	18.2,21.2	6,7	8,8	15,19	
GEUWNX	GlobalFiler™, Investigator® 24plex QS					
	15,16	24,25	11,12	14,18	Not Tested	8,11
	8,11	9,11	Not Tested	12,14.2	12.2,13.2	Not Tested
	29,36	10,16	X,X	10,12	20,22	Not Tested
	Not Tested	18.2,21.2	6,7	8,8	15,19	

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

GFVN9Y	PowerPlex® Fusion 5C					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8		6,7	8	15,19	
GHLR27	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
GL28CJ	Identifiler® Plus					
		24,25		14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X	10,12	20,22	
			6,7	8	15,19	
GNNYJU	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
GQP23P	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
GR7V4Y	PowerPlex® Fusion 5C					
	15,16	24,25	11,12	14,18	NA	8,11
	8,11	9,11		12,14.2	12.2,13.2	NA
	29,36	10,16	X	10,12	20,22	10
	8	NA	6,7	8	15,19	
GT3AYJ	Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	

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

GW3KQD	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
GXR2ND	Investigator® 24plex QS					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
GY94LD	Identifiler® Plus					
	24,25			14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
			6,7	8,8	15,19	
H2RE3P	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
H4BNWM	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
H4UJC4	PowerPlex® Fusion					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8		6,7	8,8	15,19	
H8JPA8	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	



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

H97M37	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
HACW7W	PowerPlex® 16 HS, ESX17 (Promega)					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	
HD6L4B	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
HDKZ6E	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
HDMUY7	GlobalFiler™ Express					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
HF7U4F	GlobalFiler™ Express					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
HJAD9M	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	

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

HN3N2D	GlobalFiler™ Express					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
HQQATN	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	
HRX97H	Identifiler® Plus					
		24,25		14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
			6,7	8,8	15,19	
HVD4LF	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
HWQKUM	Identifiler® Plus					
		24,25		14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
			6,7	8,8	15,19	
HYPL97	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
HZV7QY	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	

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

J33QEE	GlobalFiler™ Express					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
J4JE6P	NGM SElect					
	15,16	24,25	11,12	14,18		
1			13,15		15,15	18,19
		9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X		20,22	
		18.2,21.2	6,7		15,19	
J64VMD	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	
JFLGYM	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	
JGY4JM	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	
JGZRYT	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
JH96D9	PowerPlex® Fusion					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	

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

JHQ3HT	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
JJMGDE	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
JJP6MQ	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
JL4X74	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
JLA4UT	Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
JNYBEP	Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
JPV27Q	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	

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

JQK62H	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
JRV44E	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
JVGQ6U	Identifiler®, GlobalFiler™ Express					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
JVP7KY	Identifiler® Plus					
		24,25		14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
			6,7	8,8	15,19	
JW8XXP	PowerPlex® Fusion					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8		6,7	8	15,19	
JWJU3U	PowerPlex® Fusion					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8		6,7	8,8	15,19	
JX9NEL	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	

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

JZF2ZT	Identifiler®, GlobalFiler™ Express					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
JZND3	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
K3C8Q4	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10
	8,8	18.2,21.2	6,7	8,8	15,19	
K3D63Z	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
K46ZLM	PowerPlex® Fusion					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8		6,7	8	15,19	
K62FZK	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
KC4GGM	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	

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

KCX97D	Identifiler® Plus, GlobalFiler™	15,16	24,25	11,12	14,18	8,11
	1	8,10	13,15	15,15	18,19	
	8,11	9,11	12,14.2	12.2,13.2		
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
KGRCXC	GlobalFiler™ Express	15,16	24,25	11,12	14,18	8,11
	1	8,10	13,15	15	18,19	
	8,11	9,11	12,14.2	12.2,13.2		
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
KGUXMK	GlobalFiler™	15,16	24,25	11,12	14,18	8,11
	1	8,10	13,15	15,15	18,19	
	8,11	9,11	12,14.2	12.2,13.2		
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
KGXPK9	GlobalFiler™	15,16	24,25	11,12	14,18	8,11
	1	8,10	13,15	15,15	18,19	
	8,11	9,11	12,14.2	12.2,13.2		
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
KKETHQ	Identifiler® Plus	24,25	14,18	8,11		
	1	8,10	13,15	15,15	18,19	
	8,11	9,11	12,14.2	12.2,13.2		
	29,36	X	10,12	20,22		
	6,7	8	15,19			
KLHREQ	PowerPlex® Fusion 6C	15,16	24,25	11,12	14,18	8,11
	1	8,10	13,15	15	18,19	
	8,11	9,11	12,14.2	12.2,13.2		
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
KPZRVR	PowerPlex® Fusion 6C, 5C	15,16	24,25	11,12	14,18	8,11
	1	8,10	13,15	15	18,19	
	8,11	9,11	12,14.2	12.2,13.2		
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	

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

KT4Q2J	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	8,10		13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	
KTNDCL	PowerPlex® Fusion					
	15,16	24,25	11,12	14,18		8,11
	8,10		13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8		6,7	8,8	15,19	
KTZXDJ	PowerPlex® Fusion					
	15,16	24,25	11,12	14,18		8,11
	8,10		13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8		6,7	8,8	15,19	
KUJWF9	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	8,10		13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
KVLYXX	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,10		13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
KVN MJH	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,10		13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
KYA7NL	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,10		13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	



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

L296CJ	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	1	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
L4N4YU	GlobalFiler™ Express					
	15,16	24,25	11,12	14,18		8,11
	1	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
L7BVQC	Identifiler® Plus					
		24,25		14,18		8,11
	1	8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X	10,12	20,22	
		6,7	8	15,19		
L8HDML	Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
	1	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
L8WVDK	PowerPlex® Fusion, ESX 17					
	15,16	24,25	11,12	14,18		8,11
	1	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
L9UVZZ	GlobalFiler™					
	15,16	24,25	11,12	14,18	-	8,11
	1	-	8,10	13,15	-	15
	8,11	9,11	-	12,14.2	12.2,13.2	-
	29,36	10,16	X	10,12	20,22	-
	-	18.2,21.2	6,7	8	15,19	
LDPW4E	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	1	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	

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

LJF2X4	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
LL6DZV	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
LMCPEB	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
LMDQ7N	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
LP6JF2	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
LPGFEY	PowerPlex® Fusion					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8		6,7	8	15,19	
LR7M32	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	

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

LT4W86	PowerPlex® 21					
	15,16	24,25		14,18		8,11
	12,14	8,10	13,15			18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	10,10
	8,8		6,7	8,8	15,19	
LU722R	PowerPlex® 16 HS					
				14,18		8,11
		8,10	13,15			
	8,11	9,11		12,14.2		
	29,36		X,X	10,12	20,22	10,10
	8,8		6,7	8,8	15,19	
LUALQF	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
LUXN7J	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
LVAGV6	PowerPlex® 21					
	15,16	24,25		14,18		8,11
	12,14	8,10	13,15			18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	10,10
	8,8		6,7	8,8	15,19	
LVPYJJ	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
MAHVD2	Identifiler® DIR					
		24,25		14,18		8,11
		8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
		6,7	8,8	15,19		

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

MCP2ZN	Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
MDMJUC	PowerPlex® Fusion					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8		6,7	8	15,19	
MEA6EM	NGM SElect					
	15,16	24,25	11,12	14,18		
1			13,15		15,15	18,19
		9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X		20,22	
		18.2,21.2	6,7		15,19	
MEZ4P8	Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
MG3WVY	PowerPlex® Fusion 5C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8		6,7	8	15,19	
MJPKYC	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
MKK46K	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	

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

MLGE39	Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
MLTBDE	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
MPJHRA	Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
MTUMBW	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
MVJUVU	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
MVZ8YW	GlobalFiler™					
	15,16	24,25	11,12	14,18	NT	8,11
	NT	8,10	13,15	NT	15,15	18,19
	8,11	9,11	NT	12,14.2	12.2,13.2	NT
	29,36	10,16	X,X	10,12	20,22	NT
	NT	18.2,21.2	6,7	8,8	15,19	
MXEAFH	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	

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

MXWAH8	Investigator® 24plex QS					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
MY24QD	Identifiler®					
		24,25		14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
			6,7	8,8	15,19	
MZHDP6	Identifiler® Plus					
		24,25		14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
			6,7	8,8	15,19	
N24BPV	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
N3F2XZ	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
NA2WXH	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
NEXKKW	PowerPlex® F6C					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	

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

NHK6PZ	PowerPlex® Fusion 6C					
		15,16	24,25	11,12	14,18	8,11
	1		8,10	13,15		15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
		8	18.2,21.2	6,7	8	15,19
NJB8JF	GlobalFiler™					
		15,16	24,25	11,12	14,18	8,11
	1		8,10	13,15		15,15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
			18.2,21.2	6,7	8,8	15,19
NKL9E3	GlobalFiler™					
		15,16	24,25	11,12	14,18	8,11
	1		8,10	13,15		15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
			18.2,21.2	6,7	8	15,19
NLUH2T	PowerPlex® Fusion 5C					
		15,16	24,25	11,12	14,18	NA
	1		8,10	13,15	NA	15
		8,11	9,11	NA	12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
		8	NA	6,7	8	15,19
NMVDUC	PowerPlex® Fusion 6C					
		15,16	24,25	11,12	14,18	8,11
	1		8,10	13,15		15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
		8	18.2,21.2	6,7	8	15,19
NNEEQ	GlobalFiler™					
		15,16	24,25	11,12	14,18	Not Tested
	1		8,10	13,15	Not Tested	15,15
		8,11	9,11	Not Tested	12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
		Not Tested	18.2,21.2	6,7	8,8	15,19
NPR7AM	Identifiler® Plus					
			24,25		14,18	8,11
	1		8,10	13,15		
		8,11	9,11		12,14.2	12.2,13.2
		29,36		X,X	10,12	20,22
				6,7	8,8	15,19

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

NQ6HEJ	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
NQ88HG	Identifiler®, PowerPlex® Fusion, MiniFiler					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8		6,7	8,8	15,19	
NTQCYQ	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
NURBHE	GlobalFiler™ Express					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
NV8BU2	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
NVDYM8	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
NW24KE	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	



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

NWCW7F	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
NXLB8U	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
NZWYXL	Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
P44YGQ	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
P8DMR3	GlobalFiler™					
	15,16	24,25	11,12	14,18	N/A	8,11
	N/A	8,10	13,15	N/A	15	18,19
	8,11	9,11	N/A	12,14.2	12.2,13.2	N/A
	29,36	10,16	X	10,12	20,22	N/A
	N/A	18.2,21.2	6,7	8	15,19	
PAGFL2	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
PAHDWW	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	

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

PBEXGB	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.3	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
PBLAUR	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
PCJFHD	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
PEUH8X	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
PGDKW3	Identifiler® Plus					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
PHJ2YE	Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
PJMM22	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	

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

PLDTE7	GlobalFiler™ Express					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
PN3RYW	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18	not tested	8,11
	not tested	8,10	13,15	not tested	15	18,19
	8,11	9,11	not tested	12,14.2	12.2,13.2	not tested
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
PQFYLG	Identifiler® Plus					
		24,25		14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
			6,7	8,8	15,19	
PTU3AU	PowerPlex® Fusion 6C, Investigator® 24plex QS					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
		8	18.2,21.2	6,7	8	15,19
PX7ZEG	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
Q4GUHN	GlobalFiler™					
	15,16	24,25	11,12	14,18	N/A	8,11
	N/A	8,10	13,15	N/A	15,15	18,19
	8,11	9,11	N/A	12,14.2	12.2,13.2	N/A
	29,36	10,16	X,X	10,12	20,22	N/A
	N/A	18.2,21.2	6,7	8,8	15,19	
Q4NXKV	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
		8	18.2,21.2	6,7	8	15,19

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

Q8BBF6	Identifiler® Plus					
		24,25		14,18		8,11
1		8,10	13,15			
		8,11	9,11		12,14.2	12.2,13.2
		29,36	X,X	10,12		20,22
			6,7	8,8		15,19
Q9HU82	GlobalFiler™					
		15,16	24,25	11,12	14,18	8,11
1		8,10	13,15			15,15
		8,11	9,11		INC	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
			18.2,21.2	6,7	8,8	15,19
QC4D4R	Identifiler® Direct					
		-	24,25	-	14,18	-
1		-	8,10	13,15	-	-
		8,11	9,11	-	12,14.2	12.2,13.2
		29,36	-	X,X	10,12	20,22
		-	-	6,7	8	15,19
QDY3VZ	GlobalFiler™					
		15,16	24,25	11,12	14,18	8,11
1		8,10	13,15			15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
			18.2,21.2	6,7	8	15,19
QE22GD	PowerPlex® Fusion, MiniFiler					
		15,16	24,25	11,12	14,18	8,11
1		8,10	13,15			15,15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
		8,8		6,7	8,8	15,19
QE8863	PowerPlex® Fusion 6C					
		15,16	24,25	11,12	14,18	8,11
1		8,10	13,15			15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
		8	18.2,21.2	6,7	8	15,19
QFZ9ZJ	PowerPlex® Fusion 6C Direct					
		15,16	24,25	11,12	14,18	8,11
1		8,10	13,15			15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
		8	18.2,21.2	6,7	8	15,19

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

QGTBDZ	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
QGZZ9E	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
QKEWHU	PowerPlex® Fusion 6C Direct					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
QMPGR6	Identifiler® ID+					
		24,25		14,18		8,11
1		8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
			6,7	8,8	15,19	
QQ6AHX	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
QQKGR9	GlobalFiler™ Express					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
QRX492	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	

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

QV6QFW	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
QVDLA4	Investigator® 24plex					
	15,16	24,25	11,12	14,18	N/A	8,11
1		8,10	13,15	N/A	15,15	18,19
	8,11	9,11	N/A	12,14.2	12.2,13.2	N/A
	29,36	10,16	X,X	10,12	20,22	N/A
	N/A	18.2,21.2	6,7	8,8	15,19	
QVE98W	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
QVEBW2	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
QWBTRB	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
QWRZXT	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
QYDNHD	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	

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

QYPQPK	PowerPlex® Fusion5C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10
	8		6,7	8	15,19	
QZLUQ9	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
R2Q7JT	PowerPlex® Fusion					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8		6,7	8	15,19	
R3EARV	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
R6FDCH	Identifiler®, GlobalFiler™ Express					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
R9R6BH	PowerPlex® Fusion 5C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8		6,7	8	15,19	
RB6NKF	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	

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

RB8MHA	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
REJHZD	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
REMV7A	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
RFCGA6	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
RNQ4MF	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
RNQCC7	GlobalFiler™ Express					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
RPNEF3	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		



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

RQDTKD	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
RUFK4R	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
RV9Q2H	Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
RWM3Y2	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
RWZJ6M	GlobalFiler™, Investigator® 24plex QS					
	15,16	24,25	11,12	14,18	NA	8,11
	8,10	8,10	13,15	NA	15,15	18,19
	8,11	9,11	NA	12,14.2	12.2,13.2	NA
	29,36	10,16	X,X	10,12	20,22	NA
	18.2,21.2	6,7	8,8	15,19		
RY74U9	Identifiler® Plus, MiniFiler					
	24,25			14,18		8,11
	8,10	8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X	10,12	20,22	
		6,7	8	15,19		
RYD46P	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		

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

RZG24J	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
T2CYZX	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
T2Y9DM	GlobalFiler™ Express					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
T32AN6	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
T6U322	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		INC	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
T7K8EG	Identifiler® Plus					
		24,25		14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X	10,12	20,22	
			6,7	8	15,19	
T8VZHV	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	

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

T9WZJW	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18	NA	8,11
	NA	8,10	13,15	NA	15	18,19
	8,11	9,11	NA	12,14.2	12.2,13.2	NA
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
TA6A88	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	NA	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
TC8B7J	Identifiler® Direct					
	-	24,25	-	14,18	-	8,11
	-	8,10	13,15	-	-	-
	8,11	9,11	-	12,14.2	12.2,13.2	-
	29,36	-	X,X	10,12	20,22	-
	-	-	6,7	8	15,19	
TDP2UV	GlobalFiler™ Express					
	15,16	24,25	11,12	14,18		8,11
	NA	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
TFCGDQ	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	NA	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
TLLVRU	PowerPlex® Fusion 6C Direct					
	15,16	24,25	11,12	14,18		8,11
	NA	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
TLUAYA	Identifiler® Plus					
		24,25		14,18		8,11
	NA	8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
			6,7	8,8	15,19	

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

TPX2T9	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
TQCC4U	PowerPlex® Fusion 6C, 16					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
TQZDFR	Investigator® 24plex QS					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
TR9N4U	PowerPlex® Fusion 6C Direct					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
TTDETV	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
TUDBKE	PowerPlex® 16 HS, ESX17					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
TUYP8W	GlobalFiler™ Express					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	

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

TV3LDT	Identifiler® Plus, PowerPlex® FUSION					
1	15,16	24,25	11,12	14,18		8,11
		8,11	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8		6,7	8	15,19	
TX3YQJ	GlobalFiler™					
1	15,16	24,25	11,12	14,18		8,11
		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
TXBTUR	PowerPlex® Fusion 6C Direct					
1	15,16	24,25	11,12	14,18		8,11
		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
TY6MKW	PowerPlex® Fusion 6C					
1	15,16	24,25	11,12	14,18		8,11
		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
U9BNKM	GlobalFiler™					
1	15,16	24,25	11,12	14,18		8,11
		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
U9TXAH	GlobalFiler™					
1	15,16	24,25	11,12	14,18		8,11
		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
UAGFXG	GlobalFiler™					
1	15,16	24,25	11,12	14,18	-	8,11
	-	8,10	13,15	-	15	18,19
	8,11	9,11	-	12,14.2	12.2,13.2	-
	29,36	10,16	X	10,12	20,22	-
	-	18.2,21.2	6,7	8	15,19	

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

UF2B27	PowerPlex® Fusion					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8		6,7	8,8	15,19	
UFJH3G	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
UGE29P	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18	-	8,11
1	-	8,10	13,15	-	15,15	18,19
	8,11	9,11	-	12,14.2	12.2,13.2	-
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	
UGKDXL	GlobalFiler™ Express					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
UKHU3N	Identifiler® Plus, GlobalFiler™, MiniFiler					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
UM8XZ2	PowerPlex® FUSION					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8		6,7	8	15,19	
UNM8B3	GlobalFiler™ Express					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	

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

UQTJ7V	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
URQXLN	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
UU6TXZ	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
UVEZWL	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
UX7TXW	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
UYDZCH	Identifiler® Plus, GlobalFiler™, Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
V2J63C	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	

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

V2NCRR	PowerPlex® Fusion 6C Direct					
	15,16	24,25	11,12	14,18		8,11
	8,10		13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
V4CRBM	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,10		13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
V6KV2C	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	8,10		13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	
V6ZJVC	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,10		13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
V937PG	Identifiler® Plus					
		24,25		14,18		8,11
	8,10		13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
			6,7	8,8	15,19	
V93EL8	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	8,10		13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	
VAC7QG	Identifiler® Direct					
		24,25		14,18		8,11
	8,10		13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
			6,7	8	15,19	



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

VDEAFH	PowerPlex® Fusion, CS7, PP21, Verifiler					
	15,16	24,25	11,12	14,18		8,11
1	12,14	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8		6,7	8,8	15,19	
VFPR6V	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18	-	8,11
1	-	8,10	13,15	-	15	18,19
	8,11	9,11	-	12,14.2	12.2,13.2	-
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
VH84JC	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
VMNLW2	GlobalFiler™ Express					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
VN29EF	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
VRHFU3	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
WBGPB	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	

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

WFYW2	GlobalFiler™ Express					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
VWGQ4U	PowerPlex® Fusion					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
VXLKN8	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
VYUMAR	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
W467YC	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
W4QGAT	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18	N/A	8,11
	N/A	8,10	13,15	N/A	15	18,19
	8,11	9,11	N/A	12,14.2	12.2,13.2	N/A
	29,36	10,16	X	10,12	20,22	10
	18.2,21.2	6,7	8	15,19		
W7BKD6	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	

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

W93LLT	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
WB3RYY	PowerPlex® Fusion					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8		6,7	8	15,19	
WB9YA8	PowerPlex® Fusion					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8		6,7	8	15,19	
WCZ3XM	Investigator® 24plex QS					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
		18.2,21.2	6,7	8	15,19	
WD7RQH	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10
		18.2,21.2	6,7	8,8	15,19	
WHBVDT	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
WJNPZT	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	

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

WK9U2B	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
WLLDX2	PowerPlex® Fusion					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8		6,7	8,8	15,19	
WLRCM6	Identifiler® Plus					
		24,25		14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X	10,12	20,22	
			6,7	8	15,19	
WLTFXM	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
WPKQH7	Identifiler® Plus, MiniFiler					
		24,25		14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X	10,12	20,22	
			6,7	8	15,19	
WVR7B3	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
WYNURA	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	

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

WZ8E39	Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
	1	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
X68GYK	Identifiler® Plus					
		24,25		14,18		8,11
	1	8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
		6,7	8	15,19		
X8ZB2V	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	1	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
X8ZBYA	PowerPlex® Fusion					
	15,16	24,25	11,12	14,18		8,11
	1	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8		6,7	8,8	15,19	
XBPKEH	GlobalFiler™ Express					
	15,16	24,25	11,12	14,18		8,11
	1	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
XCBEV4	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	1	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
XDM8G6	PowerPlex® 5C					
	15,16	24,25	11,12	14,18		8,11
	1	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8		6,7	8,8	15,19	

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

XFNDVB	GlobalFiler™, NGM SElect					
		15,16	24,25	11,12	14,18	8,11
	1		8,10	13,15		15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
		18.2,21.2	6,7	8	15,19	
XGANAC	PowerPlex® Fusion 6C					
		15,16	24,25	11,12	14,18	8,11
	1		8,10	13,15		15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
	8	18.2,21.2	6,7	8	15,19	
XLLMNQ	GlobalFiler™ Express					
		15,16	24,25	11,12	14,18	8,11
	1		8,10	13,15		15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
		18.2,21.2	6,7	8	15,19	
XMDLPH	PowerPlex® Fusion 5C					
		15,16	24,25	11,12	14,18	N/A
	1		8,10	13,15	N/A	15
		8,11	9,11	N/A	12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
	8	N/A	6,7	8	15,19	
XN6FQT	PowerPlex® Fusion 6C					
		15,16	24,25	11,12	14,18	8,11
	1		8,10	13,15		15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
	8	18.2,21.2	6,7	8	15,19	
XQT2B3	PowerPlex® Fusion 5C & 6C					
		15,16	24,25	11,12	14,18	8,11
	1		8,10	13,15		15,15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
	8,8	18.2,21.2	6,7	8,8	15,19	
XQZ493	PowerPlex® Fusion 6C					
		15,16	24,25	11,12	14,18	8,11
	1		8,10	13,15		15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
	8	18.2,21.2	6,7	8	15,19	

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

XUC7TX	PowerPlex® Fusion 6C, GlobalFiler™					
		15,16	24,25	11,12	14,18	8,11
	1		8,10	13,15		15, 18,19
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22 10
	8	18.2,21.2	6,7	8	15,19	
XVRE9E	PowerPlex® Fusion 6C					
		15,16	24,25	11,12	14,18	8,11
	1		8,10	13,15		15, 18,19
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22 10
	8	18.2,21.2	6,7	8	15,19	
XZNYA4	PowerPlex® Fusion 6C					
		15,16	24,25	11,12	14,18	8,11
	1		8,10	13,15		15, 18,19
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22 10
	8	18.2,21.2	6,7	8	15,19	
Y32C2P	PowerPlex® Fusion 6C					
		15,16	24,25	11,12	14,18	8,11
	1		8,10	13,15		15, 18,19
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22 10
	8	18.2,21.2	6,7	8	15,19	
Y3NMZY	GlobalFiler™					
		15,16	24,25	11,12	14,18	8,11
	1		8,10	13,15		15,15, 18,19
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
		18.2,21.2	6,7	8,8	15,19	
Y69PR4	PowerPlex® Fusion 6C					
		15,16	24,25	11,12	14,18	8,11
	1		8,10	13,15		15,15, 18,19
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22 10,10
	8,8	18.2,21.2	6,7	8,8	15,19	
Y8KBKR	GlobalFiler™					
		15,16	24,25	11,12	14,18	8,11
	1		8,10	13,15		15, 18,19
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
		18.2,21.2	6,7	8	15,19	

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

Y8TLA3	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
YGKYBN	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
YLGAX9	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	
YQD6C2	Identifiler® Plus					
		24,25		14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X	10,12	20,22	
			6,7	8	15,19	
YQQV8D	PowerPlex® Fusion 5C					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10
	8		6,7	8	15,19	
YR62YB	Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
YRX74G	Identifiler® Plus					
		24,25		14,18		8,11
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X	10,12	20,22	
			6,7	8	15,19	



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

YTL8HL	Investigator® 24plex QS					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
YUQ4DA	PowerPlex® 16, ESX 17					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
YVQXLU	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
YWG4YZ	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
YX6PAM	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
YY83JP	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
Z37Z73	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	

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

Z3JKQK	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
Z3KJYK	PowerPlex® Fusion 6C Direct					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
Z4ANJR	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
Z4YPT4	Identifiler®					
		24,25		14,18		8,11
	8,10	8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
		6,7	8,8	15,19		
Z6PZ64	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	
Z6V63F	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
Z73NP3	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,10	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		

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

Z8GTG2	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
Z8QXNH	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
Z9UFYF	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
ZBDR9P	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	
ZBHVD3	PowerPlex® Fusion 5C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8		6,7	8	15,19	
ZF7ME4	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	
ZFPLF9	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	

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

ZG299V	Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
	8,11	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
ZHDCBL	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
ZLZTZL	PowerPlex® Fusion 6C Direct					
	15,16	24,25	11,12	14,18		8,11
	8,11	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
ZNGWW6	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
ZNMEN3	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	8,11	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
ZTDM73	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18	-	8,11
	-	8,10	13,15	-	15	18,19
	8,11	9,11	-	12,14.2	12.2,13.2	-
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
ZU4QQH	PowerPlex® Fusion					
	15,16	24,25	11,12	14,18		8,11
	8,11	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	6,7	8	15,19		

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

ZUHEN3	PowerPlex® 16, Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
1		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	
ZV3643	Identifiler® Plus					
		24,25		14,18		8,11
1		8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X	10,12	20,22	
			6,7	8	15,19	

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

223XT3	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
224PWP	PowerPlex® 21					
	12,15	17,25		15,17		11,11
2		11,12	10,12			21,22
	9,12	10,12		17,17	12,15	
	29,31.2		X,Y	10,11	21.2,22	12,13
	7,7		9,9	8,8	16,18	
24DJUB	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
26PBYZ	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18	
289HY8	Investigator® 24plex					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
293AMY	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
29LY8F	PowerPlex® Fusion 5C					
	12,15	17,25	10,11.3	15,17	NA	11
2		11,12	10,12	NA	13,16	21,22
	9,12	10,12	NA	17	12,15	NA
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	NA	9	8	16,18	

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

2BRGD3	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
	17,28.2	9	8	16,18		
2C62Z7	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11,11
		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7	17,28.2	9,9	8,8	16,18	
2GJNWC	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
	17,28.2	9	8	16,18		
2KH9M2	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
	17,28.2	9,9	8,8	16,18		
2LXATA	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11
		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
2PB7BK	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17	-	11
		11,12	10,12	-	13,16	21,22
	9,12	10,12	-	17	12,15	-
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
2QJD87	PowerPlex® Fusion					
	12,15	17,25	10,11.3	15,17		11,11
		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7		9,9	8,8	16,18	

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	
<b>Item 2 - STR Results</b>						
2U3BZ3	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
2UZQ22	Identifiler® Plus					
		17,25		15,17		11
2		11,12	10,12			
	9,12	10,12		17	12,15	
	29,31.2		X,Y	10,11	21.2,22	
			9	8	16,18	
2WV49T	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
2X6BBL	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
2YRZAE	GlobalFiler™, Investigator® 24plex QS					
	12,15	17,25	10,11.3	15,17	Not Tested	11,11
2	Not Tested	11,12	10,12	Not Tested	13,16	21,22
	9,12	10,12	Not Tested	17,17	12,15	Not Tested
	29,31.2	12,15	X,Y	10,11	21.2,22	Not Tested
	Not Tested	17,28.2	9,9	8,8	16,18	
2ZQ7K8	Investigator® 24plex					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
32NNK3	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	



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

32TFZG	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9,9	8,8	16,18			
344DH6	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9,9	8,8	16,18			
37BNFU	Investigator® 24plex						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9	8	16,18			
393CGP	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9	8	16,18			
39BQBW	PowerPlex® Fusion 5C, GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		12,13
	7,7	17,18.2	9,9	8,8	16,18		
39KJHZ	GlobalFiler™ Express						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9,9	8,8	16,18			
39MBAG	Investigator® 24plex QS						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9	8	16,18			

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

3C3HXG	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
	17,28.2	9	8	16,18		
3CG683	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
	17,28.2	9,9	8,8	16,18		
3CXCBY	Identifiler® Plus					
		17,25		15,17		11
	2	11,12	10,12			
	9,12	10,12		17	12,15	
	29,31.2		X,Y	10,11	21.2,22	
		9	8	16,18		
3H7MJT	GlobalFiler™ Express					
	12,15	17,25	10,11.3	15,17	NT	11,11
	2	NT	11,12	10,12	NT	13,16
	9,12	10,12	NT	17,17	12,15	NT
	29,31.2	12,15	X,Y	10,11	21.2,22	NT
	NT	17,28.2	9,9	8,8	16,18	
3LM74N	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11,11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7	17,28.2	9,9	8,8	16,18	
3LQJ8Y	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
	17,28.2	9	8	16,18		
3LU2CP	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
	17,28.2	9	8	16,18		

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

3LUYMK	PowerPlex® Fusion 5C						
		12,15	17,25	10,11.3	15,17	11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7		9,9	8,8	16,18		
3VNJEV	PowerPlex® Fusion 5C						
		12,15	17,25	10,11.3	15,17	11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7		9	8	16,18		
3WNE7E	PowerPlex® FUSION 5C						
		12,15	17,25	10,11.3	15,17	NA	11
	2	NA	11,12	10,12	NA	13,16	21,22
		9,12	10,12	NA	17	12,15	NA
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	NA	9	8	16,18		
3X33HR	Identifiler® Plus						
			17,25		15,17	11,11	
	2		11,12	10,12			
		9,12	10,12		17,17	12,15	
		29,31.2		X,Y	10,11	21.2,22	
			9,9	8,8	16,18		
3XJ4H9	PowerPlex® Fusion 6C						
		12,15	17,25	10,11.3	15,17	11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18		
3YYBXX	Identifiler® Plus						
			17,25		15,17	11	
	2		11,12	10,12			
		9,12	10,12		17	12,15	
		29,31.2		X,Y	10,11	21.2,22	
			9	8	16,18		
446BU2	GlobalFiler™						
		12,15	17,25	10,11.3	15,17	11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18		

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

44Z46Y	PowerPlex® Fusion					
	12,15	17,25	10,11.3	15,17		11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7		9	8	16,18	
4787AH	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18	
47MPUF	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18	
482WDC	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
48WN34	Identifiler® Plus					
		17,25		15,17		11
	2	11,12	10,12			
	9,12	10,12		17	12,15	
	29,31.2		X,Y	10,11	21.2,22	
			9	8	16,18	
4BWX9Y	Identifiler® Plus, MiniFiler					
		17,25		15,17		11
	2	11,12	10,12			
	9,12	10,12		17	12,15	
	29,31.2		X,Y	10,11	21.2,22	
			9	8	16,18	
4D9KTY	PowerPlex® Fusion 5C					
	12,15	17,25	10,11.3	15,17		11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7		9	8	16,18	

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

4JP8G9	PowerPlex® Fusion 5C, Investigator® 24plex					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
4JVD3D	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
4KALMY	PowerPlex® Fusion					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7		9	8	16,18	
4KAWT3	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18	
4KTNZ2	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18	
4L2QWX	Identifiler® Plus					
		17,25		15,17		11
2		11,12	10,12			
	9,12	10,12		17	12,15	
	29,31.2		X,Y	10,11	21.2,22	
			9	8	16,18	
4LYCUX	Investigator® 24plex GO					
	12,15	17,25	10,11.3	15,17	N/A	11,11
2	N/A	11,12	10,12	N/A	13,16	21,22
	9,12	10,12	N/A	17,17	12,15	N/A
	29,31.2	12,15	X,Y	10,11	21.2,22	N/A
	N/A	17,28.2	9,9	8,8	16,18	

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

4P24FW	Investigator® 24plex GO!					
	12,15	17,25	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18	
4PGCCX	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
4XC7VQ	PowerPlex® F6C					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
4ZGYPN	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
62BWK3	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7	17,28.2	9,9	8,8	16,18	
63A99H	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
63HJRE	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	

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	
<b>Item 2 - STR Results</b>						
67T46B	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
68AQ7G	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
68MRM7	Identifiler®, GlobalFiler™ Express					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
68ZJAF	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
69V2KH	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
6ARKDX	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
6BJHUQ	Identifiler® Plus, GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18	

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

6BUMU8	Identifiler® Plus	17,25		15,17		11,11
2		11,12	10,12			
		9,12	10,12	17,17	12,15	
		29,31.2	X,Y	10,11	21.2,22	
			9,9	8,8	16,18	
6BUPF6	GlobalFiler™	12,15	17,25	10,11.3	15,17	-
2		-	11,12	10,12	-	13,16
		9,12	10,12	-	17	12,15
		29,31.2	12,15	X,Y	10,11	21.2,22
		-	17,28.2	9	8	16,18
6CQGTG	GlobalFiler™	12,15	17,25	10,11.3	15,17	
2			11,12	10,12		13,16
		9,12	10,12		17,17	12,15
		29,31.2	12,15	X,Y	10,11	21.2,22
			17,28.2	9,9	8,8	16,18
6CXZQV	GlobalFiler™	12,15	17,25	10,11.3	15,17	
2			11,12	10,12		13,16
		9,12	10,12		17,17	12,15
		29,31.2	12,15	X,Y	10,11	21.2,22
			17,28.2	9,9	8,8	16,18
6F89VR	Identifiler® Plus, Investigator® 24plex	12,15	17,25	10,11.3	15,17	
2			11,12	10,12		13,16
		9,12	10,12		17	12,15
		29,31.2	12,15	X,Y	10,11	21.2,22
			17,28.2	9	8	16,18
6FR2PP	GlobalFiler™	12,15	17,25	10,11.3	15,17	
2			11,12	10,12		13,16
		9,12	10,12		17	12,15
		29,31.2	12,15	X,Y	10,11	21.2,22
			17,28.2	9	8	16,18
6K98NK	PowerPlex® Fusion 6C	12,15	17,25	10,11.3	15,17	
2			11,12	10,12		13,16
		9,12	10,12		17	12,15
		29,31.2	12,15	X,Y	10,11	21.2,22
		7	17,28.2	9	8	16,18



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

6LEVCA	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18		
6LJ99X	PowerPlex® Fusion 6C						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18		
6MCZHU	PowerPlex® Fusion 6C						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18		
6MWQCN	Identifiler® Plus, Investigator® 24plex						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18		
6TGUDY	PowerPlex® Fusion 5C						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7		9	8	16,18		
6V68W3	PowerPlex® Fusion						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7		9,9	8,8	16,18		
6WHX78	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18		

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

6X7KAU	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
		17,28.2	9,9	8,8	16,18		
6XCJZX	Identifiler® Plus						
		17,25		15,17		11	
	2		11,12	10,12			
	9,12	10,12		17	12,15		
	29,31.2		X,Y	10,11	21.2,22		
		9	8	16,18			
6ZZ8DY	PowerPlex® Fusion 6C						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13	
	7	17,28.2	9	8	16,18		
72TEYM	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
		17,28.2	9,9	8,8	16,18		
76TN6J	PowerPlex® Fusion 6C						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13	
	7	17,28.2	9	8	16,18		
78TRTJ	PowerPlex® Fusion 6C						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13	
	7,7	17,28.2	9,9	8,8	16,18		
799VTH	PowerPlex® Fusion 6C						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13	
	7	17,28.2	9	8	16,18		

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

79BMKY	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
7D6JGP	PowerPlex® ESX 16					
	12,15	17,25	10,11.3	15,17		
2			10,12		13,16	21,22
		10,12		17,17	12,15	
	29,31.2	12,15	X,Y		21.2,22	
			9,9		16,18	
7EDXH4	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18	
7EFLVN	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
7FPT7G	PowerPlex® Fusion 6C Direct					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
7HFUAJ	PowerPlex® 6C					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
7L89C8	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	

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

7MKNUE	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
	17,28.2	9	8	16,18		
7R22YN	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
	17,28.2	9,9	8,8	16,18		
7TWH7	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
	17,28.2	9	8	16,18		
7X7QJ2	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11,11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7	17,28.2	9,9	8,8	16,18	
7X7T4Y	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
	17,28.2	9,9	8,8	16,18		
7XLA4Y	PowerPlex® Fusion					
	12,15	17,25	10,11.3	15,17		11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
7XQEZB	Identifiler® Plus					
		17,25		15,17		11
	2	11,12	10,12			
	9,12	10,12		17	12,15	
	29,31.2		X,Y	10,11	21.2,22	
		9	8	16,18		

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

7YV96U	PowerPlex® Fusion					
	12,15	17,25	10,11.3	15,17		11,11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7		9,9	8,8	16,18	
7ZU8N3	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
	17,28.2	9,9	8,8	16,18		
82NEDD	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
84DQBX	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
84QDHY	PowerPlex® Fusion					
	12,15	17,25	10,11.3	15,17		11,11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7		9,9	8,8	16,18	
88AABV	Identifiler®					
		17,25		15,17		11,11
	2	11,12	10,12			
	9,12	10,12		17,17	12,15	
	29,31.2		X,Y	10,11	21.2,22	
		9,9	8,8	16,18		
89JEKD	PowerPlex® Fusion					
	12,15	17,25	10,11.3	15,17		11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7		9	8	16,18	

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

8BMA8M	GlobalFiler™					
	12,15	17,25	10,11.3	15,17	N/A	11,11
	N/A	11,12	10,12	N/A	13,16	21,22
	9,12	10,12	N/A	17,17	12,15	N/A
	29,31.2	12,15	X,Y	10,11	21.2,22	N/A
	N/A	17,28.2	9,9	8,8	16,18	
8CMWE2	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11,11
		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7	17,28.2	9,9	8,8	16,18	
8D3CHG	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11
		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
8EMJEH	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11
		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
8GCMBW	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18	
8LRZ8D	PowerPlex® FUSION					
	12,15	17,25	10,11.3	15,17		11
		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7		9	8	16,18	
8MTWVF	PowerPlex® FUSION 6C DIRECT					
	12,15	17,25	10,11.3	15,17		11
		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	

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

8N2A4V	PowerPlex® Fusion 6C						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18		
8NFD6M	Identifiler® Plus, GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18		
8PMWQC	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18		
8Q2FEF	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18		
8TTBGG	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18		
8UPYRY	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18		
8UVGCN	PowerPlex® Fusion 5C						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7		9,9	8,8	16,18		

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

942E3D	Identifiler® Plus, PowerPlex® Fusion 5C					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7		9	8	16,18	
948NYJ	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
96E7WE	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
		17,28.2	9	8	16,18	
96ZKPD	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
		17,28.2	9,9	8,8	16,18	
9792AP	Identifiler® Plus					
		17,25		15,17		11
2		11,12	10,12			
	9,12	10,12		17	12,15	
	29,31.2		X,Y	10,11	21.2,22	12,13
			9	8	16,18	
97FQ7N	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
		17,28.2	9	8	16,18	
9EUTA6	GlobalFiler™					
	12,15	17,15	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
		17,28.2	9,9	8,8	16,18	



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

9JL2FW	PowerPlex® Fusion 6C						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
		7	17,28.2	9	8	16,18	
9P6FWV	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
			17,28.2	9	8	16,18	
9PJN4B	Identifiler® Plus						
		17,25		15,17		11	
	2		11,12	10,12			
		9,12	10,12		17	12,15	
		29,31.2		X,Y	10,11	21.2,22	
				9	8	16,18	
9QY6N	Identifiler® Plus, Investigator® 24plex						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
			17,28.2	9,9	8,8	16,18	
9RCH3Z	PowerPlex® Fusion						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
		7		9	8	16,18	
9RCMGN	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
			17,28.2	9	8	16,18	
9RGY6K	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
			17,28.2	9,9	8,8	16,18	

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

9YDU64	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18		
9ZL37W	PowerPlex® ESI-17, ESX-17						
	12,15	17,25	10,11.3	15,17			
	2		10,12		13,16	21,22	
		10,12		17,17	12,15		
		29,31.2	12,15	X,Y	21.2,22		
		17,28.2	9,9	16,18			
A2HQCX	PowerPlex® Fusion 6C						
	12,15	17,25	10,11.3	15,17		11,11	
	2		10,12		13,16	21,22	
		9,12	10,12	17,17	12,15		
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7	17,28.2	9,9	8,8	16,18		
A323DM	Identifiler® Plus, GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		10,12		13,16	21,22	
		9,12	10,12	17	12,15		
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18		
A36LKY	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		10,12		13,16	21,22	
		9,12	10,12	17	12,15		
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18		
A42YBD	PowerPlex® Fusion 5C						
	12,15	17,25	10,11.3	15,17		11,11	
	2		10,12		13,16	21,22	
		9,12	10,12	17,17	12,15		
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7		9,9	8,8	16,18		
A4G3VR	Identifiler® Plus, MiniFiler						
		17,25		15,17		11	
	2		10,12				
		9,12	10,12	17	12,15		
		29,31.2		X,Y	10,11	21.2,22	
			9	8	16,18		

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

A76UQU	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18		
A7P9GT	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18		
A8P8RE	GlobalFiler™ Express						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18		
A9TCLZ	PowerPlex® FUSION						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7		9,9	8,8	16,18		
AAMRJQ	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18		
ABEYF9	PowerPlex® Fusion 5C, GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7	17,28.2	9,9	8,8	16,18		
ABV7J6	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18		

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

ACWUD3	Investigator® 24plex						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9,9	8,8	16,18			
ADUCBC	PowerPlex® Fusion						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		12,13
	7,7	9,9	8,8	16,18			
AFV4LJ	Investigator® 24plex						
	12,15	17,25	10,11.3	15,17	NA	11,11	
	2	NA	11,12	10,12	NA	13,16	21,22
	9,12	10,12	NA	17,17	12,15		NA
	29,31.2	12,15	X,Y	10,11	21.2,22		NA
	NA	17,28.2	9,9	8,8	16,18		
AP2YD3	Identifiler®						
		17,25		15,17		11,11	
	2		11,12	10,12			
	9,12	10,12		17,17	12,15		
	29,31.2		X,Y	10,11	21.2,22		
		9,9	8,8	16,18			
AV2L2W	GlobalFiler™, NGM SElect						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9,9	8,8	16,18			
AVRK9W	PowerPlex® Fusion 6C						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		12,13
	7,7	17,28.2	9,9	8,8	16,18		
B429MU	PowerPlex® Fusion 6C						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		12,13
	7,7	17,28.2	9,9	8,8	16,18		

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

B89TE9	Identifiler® Plus					
		17,25		15,17		11,11
2		11,12	10,12			
		9,12	10,12	17,17	12,15	
		29,31.2	X,Y	10,11	21.2,22	
			9,9	8,8	16,18	
B8W62M	PowerPlex® Fusion					
		12,15	17,25	10,11.3	15,17	11
2		11,12	10,12		13,16	21,22
		9,12	10,12	17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22
		7	9	8	16,18	
B9YLTT	GlobalFiler™					
		12,15	17,25	10,11.3	15,17	-
2		-	11,12	10,12	-	13,16
		9,12	10,12	-	17,17	12,15
		29,31.2	12,15	X,Y	10,11	21.2,22
		-	17,28.2	9,9	8,8	16,18
BBKH2J	GlobalFiler™					
		12,15	17,25	10,11.3	15,17	11,11
2		11,12	10,12		13,16	21,22
		9,12	10,12	17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22
			17,28.2	9,9	8,8	16,18
BE2QPH	GlobalFiler™					
		12,15	17,25	10,11.3	15,17	11
2		11,12	10,12		13,16	21,22
		9,12	10,12	17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22
			17,28.2	9	8	16,18
BG8C84	GlobalFiler™					
		12,15	17,25	10,11.3	15,17	11
2		11,12	10,12		13,16	21,22
		9,12	10,12	17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22
			17,28.2	9	8	16,18
BGRUBX	GlobalFiler™					
		12,15	17,25	10,11.3	15,17	11
2		11,12	10,12		13,16	21,22
		9,12	10,12	17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22
			17,28.2	9	8	16,18

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

BHZZKT	Identifiler® Plus					
		17,25		15,17		11,11
2		11,12	10,12			
		9,12	10,12	17,17	12,15	
		29,31.2	X,Y	10,11	21.2,22	
			9,9	8,8	16,18	
BJTZLP	GlobalFiler™					
		12,15	17,25	10,11.3	15,17	11
2		11,12	10,12		13,16	21,22
		9,12	10,12	17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22
		17,28.2	9	8	16,18	
BJWHPF	GlobalFiler™					
		12,15	17,25	10,11.3	15,17	11
2		11,12	10,12		13,16	21,22
		9,12	10,12	17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22
		17,28.2	9	8	16,18	
BL22NW	GlobalFiler™					
		12,15	17,25	10,11.3	15,17	11,11
2		11,12	10,12		13,16	21,22
		9,12	10,12	17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22
		17,28.2	9,9	8,8	16,18	
BL2766	PowerPlex® Fusion					
		12,15	17,25	10,11.3	15,17	11
2		11,12	10,12		13,16	21,22
		9,12	10,12	17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22
		7	9	8	16,18	12,13
BMUYW3	Identifiler® Direct					
		-	17,25	-	15,17	-
2		-	11,12	10,12	-	-
		9,12	10,12	-	17	12,15
		29,31.2	-	X,Y	10,11	21.2,22
		-	-	9	8	16,18
BN64CR	PowerPlex® Fusion 6C					
		12,15	17,25	10,11.3	15,17	-
2		-	11,12	10,12	-	13,16
		9,12	10,12	-	17	12,15
		29,31.2	12,15	X,Y	10,11	21.2,22
		7	17,28.2	9	8	16,18

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

BPTGQN	Identifiler®					
		17,25		15,17		11,11
2		11,12	10,12			
		9,12	10,12	17,17	12,15	
		29,31.2	X,Y	10,11	21.2,22	
			9,9	8,8	16,18	
BPX2QX	GlobalFiler™					
		12,15	17,25	10,11.3	15,17	11,11
2		11,12	10,12			13,16
		9,12	10,12	17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22
		17,28.2	9,9	8,8	16,18	
BTZR2J	Identifiler® Plus, PowerPlex® Y23					
		17,25		15,17		11,11
2		11,12	10,12			
		9,12	10,12	17,17	12,15	
		29,31.2	X,Y	10,11	21.2,22	
			9,9	8,8	16,18	
BXGZPJ	Investigator® 24plex QS					
		12,15	17,25	10,11.3	15,17	11,11
2		11,12	10,12			13,16
		9,12	10,12	17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22
		17,28.2	9,9	8,8	16,18	
C2CA7Q	GlobalFiler™ Express					
		12,15	17,25	10,11.3	15,17	11,11
2		11,12	10,12			13,16
		9,12	10,12	17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22
		17,28.2	9,9	8,8	16,18	
C2PQ4P	Identifiler® Plus					
		17,25		15,17		11
2		11,12	10,12			
		9,12	10,12	17	12,15	
		29,31.2	X,Y	10,11	21.2,22	
			9	8	16,18	
C3HUR6	GlobalFiler™					
		12,15	17,25	10,11.3	15,17	11
2		11,12	10,12			13,16
		9,12	10,12	17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22
		17,28.2	9	8	16,18	

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

C3XVNZ	Identifiler® Plus					
		17,25		15,17		11,11
2		11,12	10,12			
		9,12	10,12	17,17	12,15	
		29,31.2	X,Y	10,11	21.2,22	
			9,9	8,8	16,18	
C4ZR9W	GlobalFiler™ Express					
		12,15	17,25	10,11.3	15,17	11
2		11,12	10,12		13,16	21,22
		9,12	10,12	17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22
		17,28.2	9	8	16,18	
C6BK2Q	GlobalFiler™ Express					
		12,15	17,25	10,11.3	15,17	11,11
2		11,12	10,12		13,16	21,22
		9,12	10,12	17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22
		17,28.2	9,9	8,8	16,18	
C8AYJ9	GlobalFiler™					
		12,15	17,25	10,11.3	15,17	11
2		11,12	10,12		13,16	21,22
		9,12	10,12	17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22
		17,28.2	9	8	16,18	
CA3QPD	GlobalFiler™					
		12,15	17,25	10,11.3	15,17	11
2		11,12	10,12		13,16	21,22
		9,12	10,12	17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22
		17,28.2	9	8	16,18	
CBYEZW	GlobalFiler™					
		12,15	17,25	10,11.3	15,17	-
2		-	11,12	10,12	-	13,16
		9,12	10,12	-	17,17	12,15
		29,31.2	12,15	X,Y	10,11	21.2,22
		-	17,28.2	9,9	8,8	16,18
CDDZGH	GlobalFiler™					
		12,15	17,25	10,11.3	15,17	11,11
2		11,12	10,12		13,16	21,22
		9,12	10,12	17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22
		17,28.2	9,9	8,8	16,18	



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

CEG8AQ	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
7	17,28.2	9	8	16,18		
CEU7VL	PowerPlex® Fusion 5C, GlobalFiler™, Investigator® 24plex					
	12,15	17,25	10,11.3	15,17		11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
7	17,28.2	9	8	16,18		
CGLXG7	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
7	17,28.2	9	8	16,18		
CGNLQH	Investigator® 24plex QS					
	12,15	17,25	10,11.3	15,17		11,11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
7	17,28.2	9,9	8,8	16,18		
CJU8EH	Investigator® 24plex QS					
	12,15	17,25	10,11.3	15,17		11,11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
7	17,28.2	9,9	8,8	16,18		
CLBG9M	PowerPlex® Fusion 5C, Fusion 6C					
	12,15	17,25	10,11.3	15,17		11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
7	17,28.2	9	8	16,18		
CLQYA8	Identifiler® Plus					
	12,15	17,25		15,17		11
	2	11,12	10,12			
	9,12	10,12		17	12,15	
	29,31.2		X,Y	10,11	21.2,22	12,13
7		9	8	16,18		

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

CM3Q2P	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18		
CTBUBC	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18		
CTCWUN	Identifiler® Plus						
		17,25		15,17		11	
	2		11,12	10,12			
		9,12	10,12		17	12,15	
		29,31.2		X,Y	10,11	21.2,22	
			9	8	16,18		
CTJW7Q	GlobalFiler™ Express						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18		
CZBFVJ	PowerPlex® Fusion 5C						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7		9,9	8,8	16,18		
D3FJAR	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18		
D7VW79	PowerPlex® Fusion						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7		9	8	16,18		

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

D87W7A	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9	8	16,18			
DBAKRQ	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9,9	8,8	16,18			
DC3DRG	Investigator® 24plex						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9,9	8,8	16,18			
DCM286	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9	8	16,18			
DDJKXX	PowerPlex® F6C						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13	
	7	17,28.2	9	8	16,18		
DMA3ME	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9	8	16,18			
DNZ92K	PowerPlex® Fusion 6C, GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13	
	7	17,28.2	9	8	16,18		

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

DP7N9B	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9	8	16,18			
DPNUAL	PowerPlex® Fusion 5C						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13	
	7	9	8	16,18			
DUZMM7	Identifiler® DIRECT						
		17,25		15,17		11	
	2		11,12	10,12			
	9,12	10,12		17	12,15		
	29,31.2		X,Y	10,11	21.2,22		
		9	8	16,18			
DV2FME	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9	8	16,18			
DVUG9G	Investigator® 24plex, MiniFiler						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9	8	16,18			
DXQTCW	GlobalFiler™						
	12,15	17,25	10,11.3	15,17	-	11,11	
	2		11,12	10,12	-	13,16	21,22
	9,12	10,12	-	17,17	12,15	-	
	29,31.2	12,15	X,Y	10,11	21.2,22	-	
	-	17,28.2	9,9	8,8	16,18		
E44E8K	Identifiler® Plus						
		17,25		15,17		11,11	
	2		11,12	10,12			
	9,12	10,12		17,17	12,15		
	29,31.2		X,Y	10,11	21.2,22		
		9,9	8,8	16,18			

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

E4NWP9	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18		
E67RGM	PowerPlex® Fusion 6C						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18		
E6LDLJ	PowerPlex® 6C, GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18		
E8MA77	PowerPlex® Fusion 5C						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7		9	8	16,18		
E8MEQL	PowerPlex® Fusion 6C						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18		
EGWMJU	GlobalFiler™ Express						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18		
EJMNMW	PowerPlex® Fusion 6C						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18		

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

EKC9AF	Identifiler® Plus					
		17,25		15,17		11,11
2		11,12	10,12			
		9,12	10,12	17,17	12,15	
		29,31.2	X,Y	10,11	21.2,22	
			9,9	8,8	16,18	
EP86PL	PowerPlex® Fusion 6C					
		12,15	17,25	10,11.3	15,17	11
2		11,12	10,12		13,16	21,22
		9,12	10,12	17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22
		7	17,28.2	9	8	16,18
EQYWX7	GlobalFiler™					
		12,15	17,25	10,11.3	15,17	11
2		11,12	10,12		13,16	21,22
		9,12	10,12	17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22
			17,28.2	9	8	16,18
ETP4BF	PowerPlex® 5C					
		12,15	17,25	10,11.3	15,17	11
2		11,12	10,12		13,16	21,22
		9,12	10,12	17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22
		7		9	8	16,18
EVTV7A	Identifiler® Direct					
		17,25		15,17		11,11
2		11,12	10,12			
		9,12	10,12	17,17	12,15	
		29,31.2	X,Y	10,11	21.2,22	
			9,9	8,8	16,18	
EVWF4Q	GlobalFiler™ Express					
		12,15	17,25	10,11.3	15,17	11,11
2		11,12	10,12		13,16	21,22
		9,12	10,12	17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22
			17,28.2	9,9	8,8	16,18
EWZBF2	PowerPlex® Fusion 5C					
		12,15	17,25	10,11.3	15,17	NA
2		NA	11,12	10,12	NA	13,16
		9,12	10,12	NA	17	12,15
		29,31.2	12,15	X,Y	10,11	21.2,22
		7	NA	9	8	16,18

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

EXV34T	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18		
F2W8QD	Investigator® 24plex						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18		
F2X3N	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18		
F3LMR9	PowerPlex® Fusion						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7		9	8	16,18		
F4773M	PowerPlex® Fusion 6C						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18		
F6R7UB	PowerPlex® F6C						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18		
FA8F6U	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18		

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

FAAA27	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9,9	8,8	16,18			
FB6R9N	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9,9	8,8	16,18			
FEPHP7	PowerPlex® Fusion 6C Direct						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13	
	7	17,28.2	9	8	16,18		
FHG8BH	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9,9	8,8	16,18			
FJTM3X	Identifiler® Direct						
		17,25		15,17		11	
	2		11,12	10,12			
	9,12	10,12		17	12,15		
	29,31.2		X,Y	10,11	21.2,22		
		9	8	16,18			
FKFTT4	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9	8	16,18			
FKFVH9	PowerPlex® Fusion 6C						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13	
	7	17,28.2	9	8	16,18		



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

FKQX2L	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
FLN7A7	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
FLYAF3	PowerPlex® Fusion 5C					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7		9	8	16,18	
FMCLCL	Identifiler® Plus, PowerPlex® 16 HS					
		17,25		15,17		11,11
2		11,12	10,12			
	9,12	10,12		17,17	12,15	
	29,31.2		X,Y	10,11	21.2,22	12,13
	7,7		9,9	8,8	16,18	
FMTV9T	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18	
FQWDC	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
FVNVLZ	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	

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

FXGPMB	PowerPlex® F6C					
	12,15	17,25	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7	17,28.2	9,9	8,8	16,18	
FXTNFY	PowerPlex® FUSION 5C					
	12,15	17,25	10,11.3	15,17	NA	11
2	NA	11,12	10,12	NA	13,16	21,22
	9,12	10,12	NA	17	12,15	NA
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	NA	9	8	16,18	
FXVBWC	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
FZ2K3N	Identifiler® Plus, GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18	
FZKHGA	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
G3J6KX	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
G4LNZ2	Identifiler® Plus					
		17,25		15,17		11
2		11,12	10,12			
	9,12	10,12		17	12,15	
	29,31.2		X,Y	10,11	21.2,22	
			9	8	16,18	

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

G6AEKQ	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
	2		11,12	10,12		13,16
		9,12	10,12		17	12,15
		29,31.2	12,15	X,Y	10,11	21.2,22
		17,28.2	9	8	16,18	
G9PRG8	PowerPlex® 16					
				15,17		11
	2		11,12	10,12		
		9,12	10,12		17	
		29,31.2		X,Y	10,11	21.2,22
	7		9	8	16,18	
GAQPNM	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
	2		11,12	10,12		13,16
		9,12	10,12		17,17	12,15
		29,31.2	12,15	X,Y	10,11	21.2,22
		17,28.2	9,9	8,8	16,18	
GAZQFM	Identifiler® Plus					
		17,25		15,17		11,11
	2		11,12	10,12		
		9,12	10,12		17,17	12,15
		29,31.2		X,Y	10,11	21.2,22
			9,9	8,8	16,18	
GCE2YZ	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
	2		11,12	10,12		13,16
		9,12	10,12		17,17	12,15
		29,31.2	12,15	X,Y	10,11	21.2,22
		17,28.2	9,9	8,8	16,18	
GD8YTD	Investigator® 24plex					
	12,15	17,25	10,11.3	15,17	NA	11,11
	2	NA	11,12	10,12	NA	13,16
		9,12	10,12	NA	17,17	12,15
		29,31.2	12,15	X,Y	10,11	21.2,22
	NA	17,28.2	9,9	8,8	16,18	
GEUWNX	GlobalFiler™, Investigator® 24plex QS					
	12,15	17,25	10,11.3	15,17	Not Tested	11,11
	2	Not Tested	11,12	10,12	Not Tested	13,16
		9,12	10,12	Not Tested	17,17	12,15
		29,31.2	12,15	X,Y	10,11	21.2,22
	Not Tested	17,28.2	9,9	8,8	16,18	

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

GFVN9Y	PowerPlex® Fusion 5C						
		12,15	17,25	10,11.3	15,17	11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7		9	8	16,18		
GHLR27	PowerPlex® Fusion 6C						
		12,15	17,25	10,11.3	15,17	11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18		
GL28CJ	Identifiler® Plus						
			17,25		15,17	11	
	2		11,12	10,12			
		9,12	10,12		17	12,15	
		29,31.2		X,Y	10,11	21.2,22	
			9	8	16,18		
GNNYJU	GlobalFiler™						
		12,15	17,25	10,11.3	15,17	11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18		
GQP23P	GlobalFiler™						
		12,15	17,25	10,11.3	15,17	11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18		
GR7V4Y	PowerPlex® Fusion 5C						
		12,15	17,25	10,11.3	15,17	NA	11
	2	NA	11,12	10,12	NA	13,16	21,22
		9,12	10,12	NA	17	12,15	NA
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	NA	9	8	16,18		
GT3AYJ	Investigator® 24plex						
		12,15	17,25	10,11.3	15,17	11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18		

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

GW3KQD	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18		
GXR2ND	Investigator® 24plex QS						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18		
GY94LD	Identifiler® Plus						
		17,25		15,17		11,11	
	2		11,12	10,12			
		9,12	10,12		17,17	12,15	
		29,31.2		X,Y	10,11	21.2,22	
			9,9	8,8	16,18		
H2RE3P	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18		
H4BNWM	PowerPlex® Fusion 6C						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18		
H4UJC4	PowerPlex® Fusion						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7		9,9	8,8	16,18		
H8JPA8	PowerPlex® Fusion 6C						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18		

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

H97M37	PowerPlex® Fusion 6C						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18		
HACW7W	PowerPlex® 16 HS, ESX17 (Promega)						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7	17,28.2	9,9	8,8	16,18		
HD6L4B	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
		17,28.2	9,9	8,8	16,18		
HDKZ6E	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
		17,28.2	9,9	8,8	16,18		
HDMUY7	GlobalFiler™ Express						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
		17,28.2	9	8	16,18		
HF7U4F	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
		17,28.2	9	8	16,18		
HJAD9M	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
		17,28.2	9,9	8,8	16,18		

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

HN3N2D	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18		
HQQATN	PowerPlex® Fusion 6C						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7	17,28.2	9,9	8,8	16,18		
HRX97H	Identifiler® Plus						
		17,25		15,17		11,11	
	2		11,12	10,12			
		9,12	10,12		17,17	12,15	
		29,31.2		X,Y	10,11	21.2,22	
			9,9	8,8	16,18		
HVD4LF	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18		
HWQKUM	PowerPlex® Fusion 5C						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7		9,9	8,8	16,18		
HYPL97	PowerPlex® Fusion 6C						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18		
HZV7QY	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18		

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

J33QEE	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
J4JE6P	NGM SElect					
	12,15	17,25	10,11.3	15,17		
2			10,12		13,16	21,22
		10,12		17,17	12,15	
	29,31.2	12,15	X,Y		21.2,22	
		17,28.2	9,9		16,18	
J64VMD	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7	17,28.2	9,9	8,8	16,18	
JFLGYM	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7	17,28.2	9,9	8,8	16,18	
JGY4JM	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7	17,28.2	9,9	8,8	16,18	
JGZRYT	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
JH96D9	PowerPlex® Fusion					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	



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

JHQ3HT	PowerPlex® Fusion 6C						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18		
JJMGDE	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18		
JJP6MQ	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18		
JL4X74	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18		
JLA4UT	Investigator® 24plex						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18		
JNYBEP	Investigator® 24plex						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18		
JPV27Q	PowerPlex® Fusion 6C						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18		

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

JQK62H	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18		
JRV44E	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18		
JVGQ6U	Identifiler®, GlobalFiler™ Express						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18		
JVP7KY	Identifiler® Plus						
		17,25		15,17		11,11	
	2		11,12	10,12			
		9,12	10,12		17,17	12,15	
		29,31.2		X,Y	10,11	21.2,22	
			9,9	8,8	16,18		
JW8XXP	PowerPlex® Fusion						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7		9	8	16,18		
JWJU3U	PowerPlex® Fusion						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7		9,9	8,8	16,18		
JX9NEL	PowerPlex® Fusion 6C						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18		

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

JZF2ZT	Identifiler®, GlobalFiler™ Express					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
JZND3	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
K3C8Q4	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7	17,28.2	9,9	8,8	16,18	
K3D63Z	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18	
K46ZLM	PowerPlex® Fusion					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7		9	8	16,18	
K62FZK	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
KC4GGM	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7	17,28.2	9,9	8,8	16,18	

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	
<b>Item 2 - STR Results</b>						
KCX97D	Identifiler® Plus, GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18	
KGRCXC	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
KGUXMK	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18	
KGXPK9	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18	
KKETHQ	Identifiler® Plus					
				15,17		11
2		11,12	10,12			
	9,12	10,12		17	12,15	
	29,31.2		X,Y	10,11	21.2,22	
			9		16,18	
KLHREQ	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
KPZRVR	PowerPlex® Fusion 6C, 5C					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	

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

KT4Q2J	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11,11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7	17,28.2	9,9	8,8	16,18	
KTNDCL	PowerPlex® Fusion					
	12,15	17,25	10,11.3	15,17		11,11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7		9,9	8,8	16,18	
KTZXDJ	PowerPlex® Fusion					
	12,15	17,25	10,11.3	15,17		11,11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7		9,9	8,8	16,18	
KUJWF9	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
KVLXXX	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18	
KVNMMJH	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18	
KYA7NL	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18	

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

L296CJ	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9,9	8,8	16,18			
L4N4YU	GlobalFiler™ Express						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9	8	16,18			
L7BVQC	Identifiler® Plus						
		17,25		15,17		11	
	2		11,12	10,12			
	9,12	10,12		17	12,15		
	29,31.2		X,Y	10,11	21.2,22		
		9	8	16,18			
L8HDML	Investigator® 24plex						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9,9	8,8	16,18			
L8WVDK	PowerPlex® Fusion, ESX 17						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13	
	7	17,28.2	9	8	16,18		
L9UVZZ	GlobalFiler™						
	12,15	17,25	10,11.3	15,17	-	11	
	2		11,12	10,12	-	13,16	21,22
	9,12	10,12	-	17	12,15	-	
	29,31.2	12,15	X,Y	10,11	21.2,22	-	
	-	17,28.2	9	8	16,18		
LDPW4E	PowerPlex® Fusion 6C						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13	
	7	17,28.2	9	8	16,18		

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

LJF2X4	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
LL6DZV	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18	
LMCPEB	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18	
LMDQ7N	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18	
LP6JF2	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18	
LPGFEY	PowerPlex® Fusion					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7		9	8	16,18	
LR7M32	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	

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	
<b>Item 2 - STR Results</b>						
LT4W86	PowerPlex® 21					
	12,15	17,25		15,17		11,11
2	12,14	11,12	10,12			21,22
	9,12	10,12		17,17	12,15	
	29,31.2		X,Y	10,11	21.2,22	12,13
	7,7		9,9	8,8	16,18	
LU722R	PowerPlex® 16 HS					
				15,17		11,11
2		11,12	10,12			
	9,12	10,12		17,17		
	29,31.2		X,Y	10,11	21.2,22	12,13
	7,7		9,9	8,8	16,18	
LUALQF	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
LUXN7J	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
LVAGV6	PowerPlex® 21					
	12,15	17,25		15,17		11,11
2	12,14	11,12	10,12			21,22
	9,12	10,12		17,17	12,15	
	29,31.2		X,Y	10,11	21.2,22	12,13
	7,7		9,9	8,8	16,18	
LVPYJJ	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18	
MAHVD2	Identifiler® DIR					
		17,25		15,17		11,11
2		11,12	10,12			
	9,12	10,12		17,17	12,15	
	29,31.2		X,Y	10,11	21.2,22	
			9,9	8,8	16,18	



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

MCP2ZN	Investigator® 24plex					
	12,15	17,25	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18	
MDMJUC	PowerPlex® Fusion					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7		9	8	16,18	
MEA6EM	NGM SElect					
	12,15	17,25	10,11.3	15,17		
2			10,12		13,16	21,22
		10,12		17,17	12,15	
	29,31.2	12,15	X,Y		21.2,22	
		17,28.2	9,9		16,18	
MEZ4P8	Investigator® 24plex					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
MG3WVY	PowerPlex® Fusion 5C					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7		9	8	16,18	
MJPKYC	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
MKK46K	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7	17,28.2	9,9	8,8	16,18	

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

MLGE39	Investigator® 24plex						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9	8	16,18			
MLTBDE	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9	8	16,18			
MPJHRA	Investigator® 24plex						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9,9	8,8	16,18			
MTUMBW	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9,9	8,8	16,18			
MVJUVU	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9,9	8,8	16,18			
MVZ8YW	GlobalFiler™						
	12,15	17,25	10,11.3	15,17	NT	11,11	
	2	NT	11,12	10,12	NT	13,16	21,22
	9,12	10,12	NT	17,17	12,15	NT	NT
	29,31.2	12,15	X,Y	10,11	21.2,22	NT	NT
	NT	17,28.2	9,9	8,8	16,18		
MXEAFH	PowerPlex® Fusion 6C						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13	
	7	17,28.2	9	8	16,18		

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

MXWAH8	Investigator® 24plex QS					
	12,15	17,25	10,11.3	15,17		11,11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
	17,28.2	9,9	8,8	16,18		
MY24QD	Identifiler®					
		17,25		15,17		11,11
	2	11,12	10,12			
	9,12	10,12		17,17	12,15	
	29,31.2		X,Y	10,11	21.2,22	
		9,9	8,8	16,18		
MZHDP6	Identifiler® Plus					
		17,25		15,17		11,11
	2	11,12	10,12			
	9,12	10,12		17,17	12,15	
	29,31.2		X,Y	10,11	21.2,22	
		9,9	8,8	16,18		
N24BPV	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
	17,28.2	9,9	8,8	16,18		
N3F2XZ	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
	17,28.2	9,9	8,8	16,18		
NA2WXH	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
	17,28.2	9,9	8,8	16,18		
NEXKKW	PowerPlex® 6C					
	12,15	17,25	10,11.3	15,17		11,11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7	17,28.2	9,9	8,8	16,18	

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

NHK6PZ	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
NJB8JF	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18	
NKL9E3	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
NLUH2T	PowerPlex® Fusion 5C					
	12,15	17,25	10,11.3	15,17	NA	11
	2	NA	11,12	10,12	NA	13,16
	9,12	10,12	NA	17	12,15	NA
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	NA	9	8	16,18	
NMVDUC	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
NNEEQ	GlobalFiler™					
	12,15	17,25	10,11.3	15,17	Not Tested	11,11
	2	Not Tested	11,12	10,12	Not Tested	13,16
	9,12	10,12	Not Tested	17,17	12,15	Not Tested
	29,31.2	12,15	X,Y	10,11	21.2,22	Not Tested
	Not Tested	17,28.2	9,9	8,8	16,18	
NPR7AM	Identifiler® Plus					
		17,25		15,17		11,11
	2	11,12	10,12			
	9,12	10,12		17,17	12,15	
	29,31.2		X,Y	10,11	21.2,22	
		9,9	8,8	16,18		

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

NQ6HEJ	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9	8	16,18			
NQ88HG	Identifiler® Plus, PowerPlex® Fusion, MiniFiler						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		12,13
	7,7	9,9	8,8	16,18			
NTQCYQ	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9	8	16,18			
NURBHE	GlobalFiler™ express						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9,9	8,8	16,18			
NV8BU2	PowerPlex® Fusion 6C						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		12,13
	7	17,28.2	9	8	16,18		
NVDYM8	Identifiler®						
		17,25		15,17		11,11	
	2		11,12	10,12			
	9,12	10,12		17,17	12,15		
	29,31.2		X,Y	10,11	21.2,22		
		9,9	8,8	16,18			
NW24KE	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9,9	8,8	16,18			

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

NWCW7F	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9	8	16,18			
NXLB8U	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9,9	8,8	16,18			
NZWYXL	Investigator® 24plex						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9,9	8,8	16,18			
P44YGQ	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9,9	8,8	16,18			
P8DMR3	GlobalFiler™						
	12,15	17,25	10,11.3	15,17	N/A	11	
	2	N/A	11,12	10,12	N/A	13,16	21,22
	9,12	10,12	N/A	17	12,15	N/A	N/A
	29,31.2	12,15	X,Y	10,11	21.2,22	N/A	N/A
	N/A	17,28.2	9	8	16,18		
PAGFL2	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9	8	16,18			
PAHDWW	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9,9	8,8	16,18			

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

PBEXGB	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
	2		11,12	10,12		13,16
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
	17,28.2	9	8	16,18		
PBLAUR	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
	2		11,12	10,12		13,16
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
	17,28.2	9,9	8,8	16,18		
PCJFHD	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
	2		11,12	10,12		13,16
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
	17,28.2	9	8	16,18		
PEUH8X	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
	2		11,12	10,12		13,16
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
	17,28.2	9,9	8,8	16,18		
PGDKW3	Identifiler® Plus					
	12,15	17,25		15,17		11,11
	2		11,12	10,12		
	9,12	10,12		17,17	12,15	
	29,31.2		X,Y	10,11	21.2,22	
		9,9	8,8	16,18		
PHJ2YE	Investigator® 24plex					
	12,15	17,25	10,11.3	15,17		11,11
	2		11,12	10,12		13,16
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
	17,28.2	9,9	8,8	16,18		
PJMM22	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
	2		11,12	10,12		13,16
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
	17,28.2	9	8	16,18		

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

PLDTE7	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18		
PN3RYW	PowerPlex® Fusion 6C						
	12,15	17,25	10,11.3	15,17	not tested	11	
	2		11,12	10,12	not tested	13,16	21,22
		9,12	10,12	not tested	17	12,15	not tested
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18		
PQFYLG	Identifiler® Plus						
		17,25		15,17		11,11	
	2		11,12	10,12			
		9,12	10,12		17,17	12,15	
		29,31.2		X,Y	10,11	21.2,22	
			9,9	8,8	16,18		
PTU3AU	PowerPlex® Fusion 6C, Investigator® 24plex QS						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18		
PX7ZEG	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18		
Q4GUHN	GlobalFiler™						
	12,15	17,25	10,11.3	15,17	N/A	11,11	
	2		11,12	10,12	N/A	13,16	21,22
		9,12	10,12	N/A	17,17	12,15	N/A
		29,31.2	12,15	X,Y	10,11	21.2,22	N/A
	N/A	17,28.2	9,9	8,8	16,18		
Q4NXKV	PowerPlex® Fusion 6C						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18		



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

Q8BBF6	Identifiler® Plus	17,25		15,17		11,11
2		11,12	10,12			
		9,12	10,12	17,17	12,15	
		29,31.2	X,Y	10,11	21.2,22	
			9,9	8,8	16,18	
Q9HU82	Identifiler® Plus, GlobalFiler™	17,25	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
		9,12	10,12	17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22
		17,28.2	9,9	8,8	16,18	
QCFD4R	Identifiler® Direct	17,25	-	15,17	-	11
2		11,12	10,12	-	-	-
		9,12	10,12	17	12,15	-
		29,31.2	-	X,Y	10,11	21.2,22
		-	9	8	16,18	
QDY3VZ	GlobalFiler™	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
		9,12	10,12	17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22
		17,28.2	9	8	16,18	
QE22GD	PowerPlex® 16, MiniFiler	17,25		15,17		11,11
2		11,12	10,12			
		9,12	10,12	17,17		
		29,31.2	X,Y	10,11	21.2,22	12,13
		7,7	9,9	8,8	16,18	
QE8863	PowerPlex® Fusion 6C	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
		9,12	10,12	17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22
		7	17,28.2	9	8	16,18
QFZ9ZJ	PowerPlex® Fusion 6C Direct	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
		9,12	10,12	17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22
		7	17,28.2	9	8	16,18

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

QGTBDZ	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
QGZZ9E	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
QKEWHU	PowerPlex® Fusion 6C Direct					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
QMPGR6	Identifiler® ID+					
		17,25		15,17		11,11
2		11,12	10,12			
	9,12	10,12		17,17	12,15	
	29,31.2		X,Y	10,11	21.2,22	
			9,9	8,8	16,18	
QQ6AHX	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
QQKGR9	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
QRX492	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	

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

QV6QFW	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
QVDLA4	Investigator® 24plex					
	12,15	17,25	10,11.3	15,17	N/A	11,11
2		11,12	10,12	N/A	13,16	21,22
	9,12	10,12	N/A	17,17	12,15	N/A
	29,31.2	12,15	X,Y	10,11	21.2,22	N/A
	N/A	17,28.2	9,9	8,8	16,18	
QVE98W	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18	
QVEBW2	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
QWBTRB	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
QWRZXT	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
QYDNHD	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18	

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

QYPQPK	PowerPlex® Fusion5C						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7		9	8	16,18		
QZLUQ9	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18		
R2Q7JT	PowerPlex® Fusion						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7		9	8	16,18		
R3EARV	PowerPlex® Fusion 6C						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18		
R6FDCH	Identifiler®, GlobalFiler™ Express						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18		
R9R6BH	PowerPlex® Fusion 5C						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7		9	8	16,18		
RB6NKF	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18		

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

RB8MHA	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
REJHZD	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
	17,28.2	9,9	8,8	16,18		
REMV7A	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
RFCGA6	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
	17,28.2	9,9	8,8	16,18		
RNQ4MF	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
	17,28.2	9,9	8,8	16,18		
RNQCC7	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
	17,28.2	9	8	16,18		
RPNEF3	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
	17,28.2	9,9	8,8	16,18		

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

RQDTKD	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
	17,28.2	9,9	8,8	16,18		
RUFK4R	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
	17,28.2	9	8	16,18		
RV9Q2H	Investigator® 24plex					
	12,15	17,25	10,11.3	15,17		11,11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
	17,28.2	9,9	8,8	16,18		
RWM3Y2	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
	17,28.2	9	8	16,18		
RWZJ6M	GlobalFiler™, Investigator® 24plex QS					
	12,15	17,25	10,11.3	15,17	NA	11,11
	2	11,12	10,12	NA	13,16	21,22
	9,12	10,12	NA	17,17	12,15	NA
	29,31.2	12,15	X,Y	10,11	21.2,22	NA
	17,28.2	9,9	8,8	16,18		
RY74U9	Identifiler® Plus, MiniFiler					
		17,25		15,17		11
	2	11,12	10,12			
	9,12	10,12		17	12,15	
	29,31.2		X,Y	10,11	21.2,22	
		9	8	16,18		
RYD46P	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
	17,28.2	9	8	16,18		

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

RZG24J	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18		
T2CYZX	PowerPlex® Fusion 6C						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18		
T2Y9DM	GlobalFiler™ Express						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18		
T32AN6	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18		
T6U322	Identifiler® Plus, GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18		
T7K8EG	Identifiler® Plus						
		17,25		15,17		11	
	2		11,12	10,12			
		9,12	10,12		17	12,15	
		29,31.2		X,Y	10,11	21.2,22	
			9	8	16,18		
T8VZHV	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18		

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

T9WZJW	PowerPlex® Fusion 6C						
	12,15	17,25	10,11.3	15,17	NA	11	
	2	NA	11,12	10,12	NA	13,16	21,22
		9,12	10,12	NA	17	12,15	NA
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
		7	17,28.2	9	8	16,18	
TA6A88	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
			17,28.2	9,9	8,8	16,18	
TC8B7J	Identifiler® Direct						
	-	17,25	-	15,17	-	11	
	2	-	11,12	10,12	-	-	
		9,12	10,12	-	17	12,15	-
		29,31.2	-	X,Y	10,11	21.2,22	-
		-	-	9	8	16,18	
TDP2UV	GlobalFiler™ Express						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
			17,28.2	9	8	16,18	
TFCGDQ	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
			17,28.2	9	8	16,18	
TLLVRU	PowerPlex® Fusion 6C Direct						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
		7	17,28.2	9	8	16,18	
TLUAYA	Identifiler® Plus						
		17,25		15,17		11,11	
	2		11,12	10,12			
		9,12	10,12		17,17	12,15	
		29,31.2		X,Y	10,11	21.2,22	
				9,9	8,8	16,18	



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

TPX2T9	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9	8	16,18			
TQCC4U	PowerPlex® Fusion 6C,16						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		12,13
	7	17,28.2	9	8	16,18		
TQZDFR	Investigator® 24plex QS						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9	8	16,18			
TR9N4U	PowerPlex® Fusion 6C Direct						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		12,13
	7	17,28.2	9	8	16,18		
TTDETV	PowerPlex® Fusion 6C						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		12,13
	7	17,28.2	9	8	16,18		
TUDBKE	PowerPlex® 16 HS, ESX17						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		12,13
	7	17,28.2	9	8	16,18		
TUYP8W	GlobalFiler™ Express						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9	8	16,18			

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

TV3LDT	Identifiler® Plus, PowerPlex® FUSION					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7		9	8	16,18	
TX3YQJ	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
TXBTUR	PowerPlex® Fusion 6C Direct					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
TY6MKW	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
U9BNKM	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18	
U9TXAH	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
UAGFXG	GlobalFiler™					
	12,15	17,25	10,11.3	15,17	-	11
2	-	11,12	10,12	-	13,16	21,22
	9,12	10,12	-	17	12,15	-
	29,31.2	12,15	X,Y	10,11	21.2,22	-
	-	17,28.2	9	8	16,18	

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

UF2B27	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
			17,28.2	9,9	8,8	16,18	
UFJH3G	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
			17,28.2	9,9	8,8	16,18	
UGE29P	PowerPlex® Fusion 6C						
	12,15	17,25	10,11.3	15,17	-	11,11	
	2		11,12	10,12	-	13,16	21,22
		9,12	10,12	-	17,17	12,15	-
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
		7,7	17,28.2	9,9	8,8	16,18	
UGKDXL	GlobalFiler™ Express						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
			17,28.2	9	8	16,18	
UKHU3N	Identifiler® Plus, GlobalFiler™, MiniFiler						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
			17,28.2	9	8	16,18	
UM8XZ2	PowerPlex® FUSION						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
		7		9	8	16,18	
UNM8B3	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
			17,28.2	9	8	16,18	

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

UQTJ7V	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
URQXLN	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
UU6TXZ	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18	
UVEZWL	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
UX7TXW	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
UYDZCH	Identifiler® Plus, GlobalFiler™, Investigator® 24plex					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
V2J63C	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18	

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

V2NCRR	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
V4CRBM	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
V6KV2C	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7	17,28.2	9,9	8,8	16,18	
V6ZJVC	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18	
V937PG	Identifiler® Plus					
		17,25		15,17		11,11
2		11,12	10,12			
	9,12	10,12		17,17	12,15	
	29,31.2		X,Y	10,11	21.2,22	
			9,9	8,8	16,18	
V93EL8	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7	17,28.2	9,9	8,8	16,18	
VAC7QG	Identifiler® Direct					
		17,25		15,17		11
2		11,12	10,12			
	9,12	10,12		17	12,15	
	29,31.2		X,Y	10,11	21.2,22	
			9	8	16,18	

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

VDEAFH	PowerPlex® Fusion, CS7, PP21, VERIFILER EXPRESS					
	12,15	17,25	10,11.3	15,17		11,11
2	12,14	11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7		9,9	8,8	16,18	
VFPR6V	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17	-	11
2	-	11,12	10,12	-	13,16	21,22
	9,12	10,12	-	17	12,15	-
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
VH84JC	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18	
VMNLW2	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
VN29EF	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
VRHFU3	GlobalFiler™ Express					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
WBGPB	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18	

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

WFYW2	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18		
VWGQ4U	PowerPlex® Fusion						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18		
VXLKN8	PowerPlex® Fusion 6C						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18		
VYUMAR	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18		
W467YC	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18		
W4QGAT	PowerPlex® Fusion 6C						
	12,15	17,25	10,11.3	15,17	N/A	11	
	2	N/A	11,12	10,12	N/A	13,16	21,22
		9,12	10,12	N/A	17	12,15	N/A
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18		
W7BKD6	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18		

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

W93LLT	PowerPlex® Fusion 6C						
		12,15	17,25	10,11.3	15,17	11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18		
WB3RYY	PowerPlex® Fusion						
		12,15	17,25	10,11.3	15,17	11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7		9	8	16,18		
WB9YA8	PowerPlex® Fusion						
		12,15	17,25	10,11.3	15,17	11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7		9	8	16,18		
WCZ3XM	Investigator® 24plex QS						
		12,15	17,25	10,11.3	15,17	11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
		17,28.2	9	8	16,18		
WD7RQH	GlobalFiler™						
		12,15	17,25	10,11.3	15,17	11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
		17,28.2	9,9	8,8	16,18		
WHBVDT	PowerPlex® Fusion 6C						
		12,15	17,25	10,11.3	15,17	11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18		
WJNPZT	PowerPlex® Fusion 6C						
		12,15	17,25	10,11.3	15,17	11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18		



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

WK9U2B	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18		
WLLDX2	PowerPlex® Fusion						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7		9,9	8,8	16,18		
WLRCM6	Identifiler® Plus						
		17,25		15,17		11	
	2		11,12	10,12			
		9,12	10,12		17	12,15	
		29,31.2		X,Y	10,11	21.2,22	
			9	8	16,18		
WLTFXM	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18		
WPKQH7	Identifiler® Plus, MiniFiler						
		17,25		15,17		11	
	2		11,12	10,12			
		9,12	10,12		17	12,15	
		29,31.2		X,Y	10,11	21.2,22	
			9	8	16,18		
WVR7B3	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18		
WYNURA	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18		

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

WZ8E39	Investigator® 24plex						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9,9	8,8	16,18			
X68GYK	Identifiler® Plus						
		17,25		15,17		11	
	2		11,12	10,12			
	9,12	10,12		17	12,15		
	29,31.2		X,Y	10,11	21.2,22		
		9	8	16,18			
X8ZB2V	PowerPlex® Fusion 6C						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13	
	7	17,28.2	9	8	16,18		
X8ZBYA	PowerPlex® Fusion						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13	
	7,7		9,9	8,8	16,18		
XBPKEH	GlobalFiler™ Express						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9	8	16,18			
XCBEV4	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9	8	16,18			
XDM8G6	PowerPlex® 5C						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13	
	7,7		9,9	8,8	16,18		

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

XFNDVB 2	GlobalFiler™, NGM Select					
	12,15	17,25	10,11.3	15,17		11
		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
	17,28.2	9	8	16,18		
XGANAC 2	PowerPlex® Fusion 6C Direct					
	12,15	17,25	10,11.3	15,17		11
		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	17,28.2	9	8	16,18		
XLLMNQ 2	GlobalFiler™ Express					
	12,15	17,25	10,11.3	15,17		11
		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
	17,28.2	9	8	16,18		
XMDLPH 2	PowerPlex® Fusion 5C					
	12,15	17,25	10,11.3	15,17	N/A	11
	N/A	11,12	10,12	N/A	13,16	21,22
	9,12	10,12	N/A	17	12,15	N/A
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	17,28.2	9	8	16,18		
XN6FQT 2	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11
		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	17,28.2	9	8	16,18		
XQT2B3 2	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
	17,28.2	9,9	8,8	16,18		
XQZ493 2	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11
		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	17,28.2	9	8	16,18		

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

XUC7TX	PowerPlex® Fusion 6C, GlobalFiler™						
		12,15	17,25	10,11.3	15,17	11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
		7	17,28.2	9	8	16,18	
XVRE9E	PowerPlex® Fusion 6C						
		12,15	17,25	10,11.3	15,17	11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
		7	17,28.2	9	8	16,18	
XZNYA4	PowerPlex® Fusion 6C						
		12,15	17,25	10,11.3	15,17	11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
		7	17,28.2	9	8	16,18	
Y32C2P	PowerPlex® Fusion 6C						
		12,15	17,25	10,11.3	15,17	11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
		7	17,28.2	9	8	16,18	
Y3NMZY	GlobalFiler™						
		12,15	17,25	10,11.3	15,17	11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
			17,28.2	9,9	8,8	16,18	
Y69PR4	PowerPlex® Fusion 6C						
		12,15	17,25	10,11.3	15,17	11,11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17,17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	12,13
		7,7	17,28.2	9,9	8,8	16,18	
Y8KBKR	GlobalFiler™						
		12,15	17,25	10,11.3	15,17	11	
	2		11,12	10,12		13,16	21,22
		9,12	10,12		17	12,15	
		29,31.2	12,15	X,Y	10,11	21.2,22	
			17,28.2	9	8	16,18	

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

Y8TLA3	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
	17,28.2	9,9	8,8	16,18		
YGKYBN	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
	17,28.2	9,9	8,8	16,18		
YLGAX9	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11,11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7	17,28.2	9,9	8,8	16,18	
YQD6C2	Identifiler® Plus					
		17,25		15,17		11
	2	11,12	10,12			
	9,12	10,12		17	12,15	
	29,31.2		X,Y	10,11	21.2,22	
		9	8	16,18		
YQQV8D	PowerPlex® Fusion 5C					
	12,15	17,25	10,11.3	15,17		11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7		9	8	16,18	
YR62YB	Investigator® 24plex					
	12,15	17,25	10,11.3	15,17		11
	2	11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
	17,28.2	9	8	16,18		
YRX74G	Identifiler® Plus					
		17,25		15,17		11
	2	11,12	10,12			
	9,12	10,12		17	12,15	
	29,31.2		X,Y	10,11	21.2,22	
		9	8	16,18		

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

YTL8HL	Investigator® 24plex QS					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
YUQ4DA	PowerPlex® 16, ESX 17					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
YVQXLU	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18	
YWG4YZ	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
YX6PAM	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18	
YY83JP	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
Z37Z73	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	

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

Z3JKQK	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
Z3KJYK	PowerPlex® Fusion 6C Direct					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
Z4ANJR	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7	17,28.2	9	8	16,18	
Z4YPT4	Identifiler®					
		17,25		15,17		11,11
2		11,12	10,12			
	9,12	10,12		17,17	12,15	
	29,31.2		X,Y	10,11	21.2,22	
			9,9	8,8	16,18	
Z6PZ64	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7	17,28.2	9,9	8,8	16,18	
Z6V63F	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9	8	16,18	
Z73NP3	GlobalFiler™					
	12,15	17,25	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
		17,28.2	9,9	8,8	16,18	

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

Z8GTG2	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9	8	16,18			
Z8QXNH	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9,9	8,8	16,18			
Z9UFYF	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9	8	16,18			
ZBDR9P	PowerPlex® Fusion 6C						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13	
	7,7	17,28.2	9,9	8,8	16,18		
ZBHVD3	PowerPlex® Fusion 5C						
	12,15	17,25	10,11.3	15,17		11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13	
	7		9	8	16,18		
ZF7ME4	PowerPlex® Fusion 6C						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13	
	7,7	17,28.2	9,9	8,8	16,18		
ZFPLF9	GlobalFiler™						
	12,15	17,25	10,11.3	15,17		11,11	
	2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15		
	29,31.2	12,15	X,Y	10,11	21.2,22		
	17,28.2	9,9	8,8	16,18			



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

ZG299V	Investigator® 24plex	12,15	17,25	10,11.3	15,17	11,11
	2		11,12	10,12		21,22
		9,12	10,12		17,17	12,15
		29,31.2	12,15	X,Y	10,11	21.2,22
			17,28.2	9,9	8,8	16,18
ZHDCBL	GlobalFiler™	12,15	17,25	10,11.3	15,17	11,11
	2		11,12	10,12		21,22
		9,12	10,12		17,17	12,15
		29,31.2	12,15	X,Y	10,11	21.2,22
			17,28.2	9,9	8,8	16,18
ZLZTZL	PowerPlex® Fusion 6C Direct	12,15	17,25	10,11.3	15,17	11
	2		11,12	10,12		21,22
		9,12	10,12		17	12,15
		29,31.2	12,15	X,Y	10,11	21.2,22
		7	17,28.2	9	8	16,18
ZNGWW6	GlobalFiler™	12,15	17,25	10,11.3	15,17	11,11
	2		11,12	10,12		21,22
		9,12	10,12		17,17	12,15
		29,31.2	12,15	X,Y	10,11	21.2,22
			17,28.2	9,9	8,8	16,18
ZNMEN3	GlobalFiler™	12,15	17,25	10,11.3	15,17	11,11
	2		11,12	10,12		21,22
		9,12	10,12		17,17	12,15
		29,31.2	12,15	X,Y	10,11	21.2,22
			17,28.2	9,9	8,8	16,18
ZTDM73	PowerPlex® Fusion 6C	12,15	17,25	10,11.3	15,17	11
	2		11,12	10,12		21,22
		9,12	10,12		17	12,15
		29,31.2	12,15	X,Y	10,11	21.2,22
		7	17,28.2	9	8	16,18
ZU4QQH	PowerPlex® Fusion	12,15	17,25	10,11.3	15,17	11
	2		11,12	10,12		21,22
		9,12	10,12		17	12,15
		29,31.2	12,15	X,Y	10,11	21.2,22
		7		9	8	16,18

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

ZUHEN3	PowerPlex® 16, Investigator® 24plex					
	12,15	17,25	10,11.3	15,17		11,11
2		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7	17,28.2	9,9	8,8	16,18	
ZV3643	Identifiler® Plus					
		17,25		15,17		11
2		11,12	10,12			
	9,12	10,12		17	12,15	
	29,31.2		X,Y	10,11	21.2,22	
			9	8	16,18	

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

26PBYZ	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
29LY8F	PowerPlex® Fusion 5C					
	INC	INC	INC	INC	NA	INC
	3	NA	INC	INC	INC	INC
	INC	INC	NA	INC	INC	NA
	INC	INC	INC	INC	INC	INC
INC	NA	INC	INC	INC		
393CGP	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
3WNE7E	PowerPlex® FUSION 5C					
	INC	INC	INC	INC	NA	INC
	3	NA	INC	INC	INC	INC
	INC	INC	NA	INC	INC	NA
	INC	INC	INC	INC	INC	INC
INC	NA	INC	INC	INC		
6CXZQV	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3	10,11,12	10,12,16		13,16,17	20,21,22
	9,12	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
9ZL37W	PowerPlex® ESI-17, ESX-17					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		
	3		10,12,16		13,16,17	20,21,22
		10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y		20,21.2,22,23	
	17,20,27.2,28.2	6,9		15,16,18		
A9TCLZ	PowerPlex® FUSION					
	[12],[15],16,18.3	17,19,[25]	[10],11,[11.3],14	[15],16,[17],18		[11],12
	3	10,11,[12]	10,[12],16		13,[16],17	20,[21],22
	9,[12],13	10,12		12,[17]	[12],13,15	
	[29],31,[31.2]	[12],15	X,Y	9,10,11	20,[21.2],[22],23	9,10,[12],[13]
	7,11,12	6,9	8	15,16,[18]		

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	
<b>Item 3 - STR Results</b>						
AP2YD3	Identifiler®					
		17,19,25		15,16,17,18		11,12
3		10,11,12	10,12,16			
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2		X,Y	9,10,11	20,21.2,22,23	
			6,9	8,8	15,16,18	
AV2L2W	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8,8	15,16,18	
B89TE9	Identifiler® Plus					
		17,19,25		15,16,17,18		11,12
3		10,11,12	10,16			
	9,12,13	10,12		12,17	12,13,15	
	31,31		X,Y	9,10,11	20,21.2,22,23	
			6,9	8,8	15,16,18	
DMA3ME	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
DV2FME	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
EWZBF2	PowerPlex® Fusion 5C					
	INC	INC	INC	INC	NA	INC
3	NA	INC	INC	NA	INC	INC
	INC	INC	NA	INC	INC	NA
	INC	INC	INC	INC	INC	INC
	INC	NA	INC	INC	INC	
FB6R9N	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	

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

FQWDC	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
FXTNFY	PowerPlex® FUSION 5C					
	INC	INC	INC	INC	NA	INC
3	NA	INC	INC	NA	INC	INC
	INC	INC	NA	INC	INC	NA
	INC	INC	INC	INC	INC	INC
	INC	NA	INC	INC	INC	
GR7V4Y	PowerPlex® Fusion 5C					
	INC	INC	INC	INC	NA	INC
3	NA	INC	INC	NA	INC	INC
	INC	INC	NA	INC	INC	NA
	INC	INC	INC	INC	INC	INC
	INC	NA	INC	INC	INC	
J4JE6P	NGM SElect					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		
3			10,12,16		13,16,17	20,21,22
		10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y		20,21.2,22,23	
		17,20,27.2,28.2	6,9		15,16,18	
JW8XXP	PowerPlex® Fusion					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12		6,9	8	15,16,18	
KPZRVR	PowerPlex® Fusion 6C, 5C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
L8WVDK	PowerPlex® Fusion, ESX 17					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	

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	
<b>Item 3 - STR Results</b>						
MEA6EM	NGM SElect					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		
3			10,12,16		13,16,17	20,21,22
		10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y		20,21.2,22,23	
		17,20,27.2,28.2	6,9		15,16,18	
NKL9E3	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
NLUH2T	PowerPlex® Fusion 5C					
	INC	INC	INC	INC	NA	INC
3	NA	INC	INC	NA	INC	INC
	INC	INC	NA	INC	INC	NA
	INC	INC	INC	INC	INC	INC
	INC	NA	INC	INC	INC	
P8DMR3	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	N/A	11,12
3	N/A	10,11,12	10,12,16	N/A	13,16,17	20,21,22
	9,12,13	10,12	N/A	12,17	12,13,15	N/A
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	N/A
	N/A	17,20,27.2,28.2	6,9	8	15,16,18	
PQFYLG	Identifiler® Plus					
		17,19,24,25		14,15,16,17,18		8,11,12
3		8,10,11	10,12,13,15,16			
	8,9,11,12,13	9,10,11,12		12,14.2,17	12,12.2,13,13.2,15	
	29,31,31.2,36		X,Y	9,10,11,12	20,21.2,22,23	
			6,7,9	8	15,16,18,19	
QDY3VZ	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
QRX492	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	

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

T7K8EG	Identifiler® Plus					
		17,19,25		15,16,17,18		11,12
3		10,11,12	10,12,16			
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2		X,Y	9,10,11	20,21.2,22,23	
			6,9	8	15,16,18	
VVBGPB	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
XFNDVB	GlobalFiler™, NGM SElect					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
XMDLPH	PowerPlex® Fusion 5C					
	INC	INC	INC	INC	N/A	INC
3	N/A	INC	INC	N/A	INC	INC
	INC	INC	N/A	INC	INC	N/A
	INC	INC	INC	INC	INC	INC
	INC	N/A	INC	INC	INC	
YRX74G	Identifiler® Plus, MiniFiler					
		17,19,25		15,16,17,18		11,12
3		10,11,12	10,12,16			
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2		X,Y	9,10,11	20,21.2,22,23	
			6,9	8	15,16,18	
YUQ4DA	PowerPlex® 16, ESX 17					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3		10,11,12	10,12,15,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8,11,13	15,16,18	
Z4YPT4	Identifiler®					
		17,19,25		15,16,17,18		11,12
3		10,11,12	10,12,16			
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2		X,Y	9,10,11	20,21.2,22,23	
			6,9	8	15,16,18	

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

ZU4QQH	PowerPlex® Fusion					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12		6,9	8	15,16,18	



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	
<b>Item 3e - STR Results</b>						
223XT3	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
224PWP	PowerPlex® 21					
	12,15,18.3	17,19,25		15,16,17		11,12
3e	12,14	10,11,12	10,12,16			20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2		X,Y	9,10,11	21.2,22,23	9,10,12,13
	7,11		6,9	8	15,16,18	
24DJUB	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
289HY8	Investigator® 24plex					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,15,16,17	20,21,22
	9,12,13	10,11,12		12,16,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
293AMY	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
2BRGD3	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
2C62Z7	PowerPlex® Fusion 6C					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
3e		[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	[9],[10],12,13
	7,[11],[12]	17,[20],[27.2],28.2	[6],9	8,8	[15],16,18	

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	
<b>Item 3e - STR Results</b>						
2GJNWC	GlobalFiler™					
	12,15,[18.3]	17,25	10,[11],11.3,[14]	15,[16],17		11
3e		[11],12	10,12		13,16,[17]	21,22
	9,[12],[13]	10,12		17	12,15	
	29,[31],31.2	[12],15	X,Y	10,11	21.2	
		17,28.2	9	8	16,18	
2KH9M2	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
2PB7BK	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	-	11,12
3e	-	10,11,12	10,12,16	-	13,16,17	20,21,22
	9,12,13	10,12	-	12,17	12,13,15	-
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
2QJD87	PowerPlex® Fusion					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12		6,9	8,8	15,16,18	
2U3BZ3	GlobalFiler™					
	12,15,[16,18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
3e		[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,31,31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
		17,[20,27.2],28.2	[6],9	8	[15],16,18	
2WV49T	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
2X6BBL	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	

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	
<b>Item 3e - STR Results</b>						
2YRZAE	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	Not Tested	11,12
3e	Not Tested	10,11,12	10,12,16	Not Tested	13,16,17	20,21,22
	9,12,13	10,12	Not Tested	12,17	12,13,15	Not Tested
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	Not Tested
	Not Tested	17,20,27.2,28.2	6,9	8	15,16,18	
2ZQ7K8	Investigator® 24plex					
	12,15	17,25	10,11.3	15,17		11
3e		11,12	10,12,16		13,16	20,21,22
	9,12	10,12		12,16,17	12,13,15	
	29,31.2	12,15	X,Y	9,10,11	21.2,22	
		17,27.2,28.2	9	8	15,16,18	
32NNK3	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
32TFZG	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
344DH6	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
37BNFU	Investigator® 24plex					
	12,15,16,18.3	16,17,19,24,25	10,11.3	15,16,17,18		10,11,12
3e		10,11,12	10,12,16		12,13,15,16,17	20,21,22
	9,12,13	9,10,11,12		12,16,17	12,13,14,15	
	29,31,31.2	12,14,15	X,Y	9,10,11	20,21.2,22,23	
		16,17,27.2,28.2	6,8,9	8	15,16,17,18	
39KJHZ	GlobalFiler™					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
3e		[10],11,12	10,12,[16]		13,16	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
		17,[20],[27.2],28.2	[6],9	8	16,18	

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 3e - STR Results

39MBAG	Investigator® 24plex QS					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e		10,11,12	10,12,16		13,16,17
		9,12,13	10,12		12,17	12,13,15
		29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23
		17,20,27.2,28.2	6,9	8	15,16,18	
3C3HXG	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e		10,11,12	10,12,16		13,16,17
		9,12,13	10,12		12,17	12,13,15
		29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23
		17,20,27.2,28.2	6,9	8	15,16,18	
3CG683	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e		10,11,12	10,12,16		13,16,17
		9,12,13	10,12		12,17	12,13,15
		29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23
		17,20,27.2,28.2	6,9	8	15,16,18	
3CXCBY	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e		10,11,12	10,12,16		13,16,17
		9,12,13	10,12		12,17	12,13,15
		29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23
		17,20,27.2,28.2	6,9	8	15,16,18	
3H7MJT	GlobalFiler™					
	12,15,[16,18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]	NT	11,[12]
	3e	NT	[10],11,12	10,12,[16]	NT	13,16,[17]
		9,12,[13]	10,12	NT	[12],17	12,[13],15
		29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]
	NT	17,[20,27.2],28.2	[6],9	8,8	[15],16,18	
3LM74N	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11,11
	3e		11,12	10,12		13,16
		9,12	10,12		17,17	12,15
		29,31.2	12,15	X,Y	10,11	21.2,22
	7,7	17,28.2	9,9	8,8	16,18	
3LQJ8Y	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e		10,11,12	10,12,16		13,16,17
		9,12,13	10,12		12,17	12,13,15
		29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23
		17 ^ ,20,27.2,28.2 ^	6,9	8	15,16,18	

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 3e - STR Results

3LU2CP	GlobalFiler™	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]	11,[12]
	3e		[10],11,12	10,12,[16]		[20],21,22
		9,12,[13]	10,12		[12],17	12,[13],15
		29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]
			17,[20],[27.2],28.2	[6],9	8	[15],16,18
3LUYMK	PowerPlex® Fusion 5C	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]	11,[12]
	3e		[10],11,12	10,12,[16]		[20],21,22
		9,12,[13]	10,12		[12],17	12,[13],15
		29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]
		7,[11],[12]		[6],9	8,8	[15],16,18
3VNJEV	PowerPlex® Fusion 5C	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	11,12
	3e		10,11,12	10,12,16		13,16,17
		9,12,13	10,12		12,17	12,13,15
		29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23
		7,11,12		6,9	8	15,16,18
3X33HR	Identifiler® Plus		17,19,25		15,16,17,18	11,12
	3e		10,11,12	10,12,16		
		9,12,13	10,12		12,17	12,13,15
		29,31,31.2		X,Y	9,10,11	20,21.2,22,23
				6,9	8	15,16,18
3XJ4H9	PowerPlex® Fusion 6C	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	11,12
	3e		10,11,12	10,12,16		13,16,17
		9,12,13	10,12		12,17	12,13,15
		29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23
		7,11,12	17,20,27.2,28.2	6,9	8	15,16,18
3YYBXX	GlobalFiler™	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	11,12
	3e		10,11,12	10,12,16		13,16
		9,12,13	10,12		12,17	12,13,15
		29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23
			17,20,27.2,28.2	6,9	8	15,16,18
446BU2	GlobalFiler™	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	11,12
	3e		10,11,12	10,12,16		13,16,17
		9,12,13	10,12		12,17	12,13,15
		29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23
			17,20,27.2,28.2	6,9	8	15,16,18

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 3e - STR Results

44Z46Y	PowerPlex® Fusion					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
		[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	[9],[10],12,13
	7,[11],[12]		[6],9	8	[15],16,[18]	
4787AH	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
47MPUF	GlobalFiler™					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,12
		[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		12,17	12,15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
	17,[20],[27.2],28.2	[6],9	8	[15],16,18		
482WDC	GlobalFiler™					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
		[10],11,12	10,12,[16]		13,16,[17]	21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
	17,[20],[27.2],28.2	[6],9	8	[15],16,18		
48WN34	Identifiler® Plus					
		17,[19],25		15,[16],17,[18]		11,[12]
		[10],11,12	10,12			
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2		X,Y	[9],10,11	[20],21.2,22,[23]	
		[6],9	8	[15],16,18		
4D9KTY	PowerPlex® Fusion 5C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
		10,11,12	10,12,16		13,16	20,21,22
	9,12	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22	9,12,13
	7,11,12	6,9	8	15,16,18		
4JP8G9	PowerPlex® Fusion 5C, Investigator® 24plex					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	

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 3e - STR Results

4JVD3D	GlobalFiler™					
	12,15,[16,18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
		[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
	17,[20,27.2],28.2	[6],9	8	[15],16,18		
4KALMY	PowerPlex® Fusion					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
		[10],11,12	10,12,[16]		13,16	[20],21,22
	9,12	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	[9],[10],12,13
	7,[11],[12]	[6],9	8	[15],16,18		
4KAWT3	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
4KTNZ2	GlobalFiler™					
	12,15,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
		10,11,12	10,12,16		13,16,17	20,21,22
	9,12	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8,8	15,16,18		
4L2QWX	GlobalFiler™					
	12,15,16	17,19,25	10,11,11.3,14	15,16,17,18		11,12
		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
4P24FW	Investigator® 24plex					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
4PGCCX	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		

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	
<b>Item 3e - STR Results</b>						
4XC7VQ	PowerPlex® F6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
4ZGYPN	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
62BWK3	PowerPlex® Fusion 6C					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
3e		[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	[9],[10],12,13
	7,[11],[12]	17,[20],[27.2],28.2	[6],9	8,8	[15],16,18	
63A99H	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,30,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
63HJRE	GlobalFiler™					
	12,15	17,[19],25	10,[11],11.3,[14]	15,[16],17		11,[12]
3e		[10],11,12	10,12,[16]		13,16,[17]	21,22
	9,12,[13]	10,12		[12],17	12,15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
		17,[20],[27.2],28.2	[6],9	8	[15],16,18	
67T46B	GlobalFiler™					
	12,15,(16),(18.3)	17,(19),25	10,(11),11.3,(14)	15,(16),17,(18)		11,(12)
3e		(10),11,12	10,12		13,(15),16,(17)	(20),21,22
	9,12,(13)	10,12		(12),17	12,(13),15	
	29,(31),31.2	12,15	X,Y	(9),10,11	(20),21.2,22,(23)	
		17,(20),(27.2),28.2	(6),9	8	(15),16,18	
68AQ7G	GlobalFiler™					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
3e		[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
		17,[20],[27.2],28.2	[6],9	8	[15],16,18	



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 3e - STR Results

68ZJAF	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,[12]
	3e	10,11,12	10,12,[16]		13,16,17	[20],21,22
	9,12,[13]	10,12		12,17	12,[13],15	
	29,31,31.2	12,15	X,Y	[9],10,11	20,21.2,22,23	
	17,[20],[27.2],28.2	[6],9	8	15,16,18		
69V2KH	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
6ARKDX	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
6BJHUQ	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
6BUMU8	Identifiler® Plus					
		17,19,25		15,16,17,18		11,12
	3e	10,11,12	10,12,16			
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2		X,Y	9,10,11	20,21.2,22,23	
		6,9	8,8	15,16,18		
6BUPF6	GlobalFiler™					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3	15,[16],17,[18]	-	11,[12]
	3e	[10],11,12	10,12,[16]	-	13,16,[17]	[20],21,22
	9,12,[13]	10,12	-	[12],17	12,[13],15	-
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	-
	-	17,[20],28.2	[6],9	8	[15],16,18	
6CQTGT	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		

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	
<b>Item 3e - STR Results</b>						
6F89VR	Identifiler® Plus, Investigator® 24plex					
	12,15,16,18.3	16,17,19,24,25	10,11,11.3,14	15,16,17,18		10,11,12
3e		10,11,12	9,10,11,12,16		13,16,17	20,21,22
	9,11,12,13	9,10,11,12		12,16,17	11,12,13,14,15	
	28,29,30.2,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,8,9	7,8	15,16,17,18	
6FR2PP	GlobalFiler™					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
3e		[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
		17,[20],28.2	[6],9	8	[15],16,18	
6K98NK	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
6LEVCA	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8,8	15,16,18	
6LJ99X	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
6MCZHJ	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
6MWQCN	Identifiler® Plus, Investigator® 24plex					
	12,15,16,18.3	16,17,19,24,25	10,11,11.3,14	15,16,17,18		10,11,12
3e		10,11,12	9,10,11,12,16		12,13,15,16,17	20,21,22
	9,11,12,13	9,10,11,12		12,16,17	11,12,13,14,15	
	28,29,30,30.2,31,31.2	12,13,14,15,16	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,8,9	7,8	15,16,17,18	

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 3e - STR Results

6TGUDY	PowerPlex® Fusion 5C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12		6,9	8	15,16,18	
6V68W3	PowerPlex® Fusion					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12		6,9	8	15,16,18	
6WHX78	GlobalFiler™					
	12,15,[16],[18.3]	17,[19],25	10,11.3,[14]	15,[16],17,[18]		11,[12]
		[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
	17,[20],[27.2],28.2	[6],9	8	16,18		
6XCJZX	GlobalFiler™					
	12,15,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
		10,11,12	10,11,12,16		13,16	21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,27.2,28.2	6,9	8	15,16,18		
6ZZ8DY	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
72TEYM	GlobalFiler™					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
		[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
	17,[20],[27.2],28.2	[6],9	8	[15],16,18		
76TN6J	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	

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

78TRTJ	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11,11
3e		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7	17,28.2	9,9	8,8	16,18	
799VTH	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,28.2	6,9	8	15,16,18	
79BMKY	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
7D6JGP	PowerPlex® ESX 16					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		
3e			10,12,16		13,16,17	20,21,22
		10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y		20,21.2,22,23	
			6,9		15,16,18	
7EDXH4	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
7EFLVN	GlobalFiler™					
	12,15,[16,18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
3e		[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
		17,[20,27.2],28.2	[6],9	8	[15],16,18	
7FPT7G	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,[20],27.2,28.2	6,9	8	15,16,18	

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

7HFUAJ	PowerPlex® 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
7L89C8	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
7MKNUJ	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	[10],11,12	10,12,16		13,16,[17]	20,21,22
	9,12,13	10,12		12,17	12,[13],15	
	29,31,31.2	12,15	X,Y	9,10,11	[20],21.2,22,[23]	
		17,20,27.2,28.2	[6],9	8	[15],16,18	
7R22YN	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
7TWHD7	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
7X7QJ2	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8,8	15,16,18	
7X7T4Y	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	

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	
<b>Item 3e - STR Results</b>						
7XLA4Y	PowerPlex® Fusion					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
7XQEZB	Investigator® 24plex QS					
	12,15,[18.3]	17,19,25	10,[11],11.3	15,[16],17,[18]		11,[12]
3e		[10],11,12	10,12,[16]		13,16,17	20,21,22
	9,12,[13]	10,12		12,17	12,15	
	29,31.2	12,15	X,Y	[9],10,11	21.2,22,[23]	
		17,28.2	[6],9	8	15,16,18	
7ZU8N3	GlobalFiler™					
	15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12,12
3e		10,11,12	10,12,16		13,17	20,22
	9,12,13	10,12		12,12,17	12,13,15	
	29,31,31.2	12,15,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9,9	8,8	15,16,18	
82NEDD	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
84DQBX	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
84QDHY	PowerPlex® Fusion					
	12,15,16,18.3	17,19,25	10,11,11.3,14	16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12		6,9	8	15,16,18	
88AABV	Identifiler®					
		17,(19),25		15,(16),17,(18)		11,11,(12)
3e		(10),11,12	10,12,(16)			
	9,12,(13)	10,12		(12),17,17	12,(13),15	
	29,(31),31.2		X,Y	(9),10,11	(20),21.2,22,(23)	
			(6),9,9	8,8	(15),16,18	

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 3e - STR Results

89JEKD	PowerPlex® Fusion					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,15,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22	9,10,12,13
	7,11,12		6,9	8	15,16,18	
8BMA8M	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	N/A	11,12
	3e	N/A	10,11,12	10,12,16	N/A	13,16,17
	9,12,13	10,12	N/A	12,17	12,13,15	N/A
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	N/A
	N/A	17,20,27.2,28.2	6,9	8	15,16,18	
8CMWE2	PowerPlex® Fusion 6C					
	12,15	17,[19],25	10,[11],11.3,[14]	15,17,[18]		11,[12]
	3e	[10],11,12	10,12,[16]		13,16,[17]	21
	9,12,[13]	10,12		[12],17	12,15	
	29,[31],31.2	12,15	X,Y	[9],10,11	21.2,22,[23]	[10],12,13
	7,[11]	17,[20],[27.2],28.2	9,9	8	[15],16,18	
8D3CHG	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	16,18	
8EMJEH	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8,8	15,16,18	
8GCMBW	GlobalFiler™					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,11,[12]
	3e	[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17,17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
		17,[20],[27.2],28.2	[6],9,9	8,8	[15],16,18	
8LRZ8D	PowerPlex® FUSION					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
	3e	[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	[9],[10],12,13
	7,[11],[12]		[6],9	8	[15],16,18	

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	
<b>Item 3e - STR Results</b>						
8MTWVF	PowerPlex® FUSION 6C					
	12,15,[16],18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		[10],11,12	10,12,16		13,16,[17]	20,21,22
	9,12,[13]	10,12		12,17	12,[13],15	
	29,31,31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	[10],12,13
	7,[11],[12]	17,20,27.2,28.2	[6],9	8	15,16,18	
8N2A4V	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
8NFD6M	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
8PMWQC	GlobalFiler™					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]	N/T	11,11,[12]
3e	N/T	[10],11,12	10,12,[16]	N/T	13,16,[17]	[20],21,22
	9,12,[13]	10,12	N/T	[12],12,17,17	12,[13],15	N/T
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	N/T
	N/T	17,[20],[27.2],28.2	[6],9,9	8,8	[15],16,18	
8Q2FEF	GlobalFiler™					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
3e		(10),11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
		17,[20],[27.2],28.2	[6],9	8	[15],16,18	
8TTBGG	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
8UPYRY	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	



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

942E3D	Identifiler® Plus, PowerPlex® Fusion 5C					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
3e		[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		12,17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	[9],[10],12,13
	7,[11],[12]		[6],9	8	[15],16,18	
948NYJ	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
96E7WE	GlobalFiler™					
	12,15,[16],18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
3e		[10],11,12	10,12,[16]		13,16,[17]	20,21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,31,31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
		17,[20],27.2],28.2	[6],9	8	15,16,18	
96ZKPD	GlobalFiler™					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
3e		[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
		17,[20],[27.2],28.2	[6],9	8	[15],16,18	
9792AP	Identifiler® Plus					
		17,19,25		15,16,17,18		11,12
3e		10,11,12	10,12,16			
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2		X,Y	9,10,11	20,21.2,22,23	
			6,9	8	15,16,18	
97FQ7N	GlobalFiler™					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
3e		[10],11,12	10,12,[16]		13,16,[17]	21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
		17,[20],[27.2],28.2	[6],9	8	[15],16,18	
9EUTA6	GlobalFiler™					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
3e		[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
		17,[20],[27.2],28.2	[6],9	8,8	[15],16,18	

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 3e - STR Results

9JL2FW	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
9P6FWV	GlobalFiler™					
	[12],15,[16],[18.3]	17,19,25	10,[11],11.3,14	15,[16],17,[18]		11,12
	3e	[10],11,12	10,12,16		13,[16,17]	20,21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	20,21.2,22,23	
		17,[20],[27.2],28.2	[6],9	8	[15],16,18	
9PJN4B	Identifiler® Plus					
		17,19,25		15,16,17,18		11,12
	3e	11,12	10,12,16			
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2		X,Y	9,10,11	20,21.2,22,23	
		6,9	8	15,16,18		
9QYY6N	Identifiler® Plus, Investigator® 24plex					
	11,12,15	16,17,19,24,25	10,11.3	15,16,17,18		10,11,12
	3e	10,11,12	10,11,12,16		12,13,15,16	20,21,22
	8,9,11,12,13	9,10,11,12		12,16,17	11,12,13,14,15	
	28,29,30.2,31,31.2	12,14,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,8,9	7,8	15,16,17,18	
9RCH3Z	PowerPlex® Fusion					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12		6,9	8	15,16,18	
9RCMGN	GlobalFiler™					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,12
	3e	[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		12,17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
		17,[20],[27.2],28.2	[6],9	8	[15],16,18	
9RGY6K	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8,8	15,16,18	

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	
<b>Item 3e - STR Results</b>						
9YDU64	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
A2HQCX	PowerPlex® Fusion 6C					
	12,15,[16,18.3]	17,[19],25	10,[11],11.3,[14]	15,17,[18]		11,[12]
3e		[10],11,12	10,12,[16]		13,16,[17]	21,22
	9,12	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	21.2,22,[23]	[9],12,13
	7,[11,12]	17,[27.2],28.2	[6],9	8	16,18	
A323DM	Identifiler® Plus, GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
A36LKY	GlobalFiler™					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,12
3e		[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,31,31.2	12,15	X,Y	9,10,11	[20],21.2,22,[23]	
		17,20,27.2,28.2	[6],9	8	[15],16,18	
A42YBD	PowerPlex® Fusion 5C					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
3e		[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	[9],[10],12,13
	7,[11],[12]		[6],9	8,8	[15],16,18	
A76UQU	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8,8	15,16,18	
A7P9GT	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	

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	
<b>Item 3e - STR Results</b>						
A8P8RE	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
AAMRJQ	GlobalFiler™					
	12,15,[16],[18.3]	17,19,25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
3e		[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
		17,[20],[27.2],28.2	[6],9	8	[15],16,18	
ABEYF9	PowerPlex® Fusion 5C, GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8,8	15,16,18	
ABV7J6	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
ACWUD3	Investigator® 24plex					
	12,15,16,18.3	16,17,19,24,25	10,11,11.3,14	15,16,17,18		10,11,12
3e		11,12	10,12,16		13,16,17	20,21,22
	9,12	10,12		12,16,17	12,13,14,15	
	29,31,31.2	12,14,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	9	8	15,16,18	
ADUCBC	PowerPlex® Fusion					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12		6,9	8,8	15,16,18	
AFV4LJ	Investigator® 24plex					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	NA	11,12
3e	NA	10,11,12	10,12,16	NA	13,16,17	20,21,22
	9,12,13	10,11,12	NA	12,17	12,13,15	NA
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	NA
	NA	17,20,27.2,28.2	6,9	8	15,16,17,18	

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 3e - STR Results

AVRK9W	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11,11
3e		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7	17,28.2	9,9	8,8	16,18	
B429MU	PowerPlex® Fusion 6C					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
3e		[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	[9],[10],12,13
	7,[11],[12]	17,[20],[27.2],28.2	[6],9	8	[15],16,18	
B8W62M	PowerPlex® Fusion					
	12,15,[16,18.3]	17,[19],25	[10,11],11.3,[14]	15,[16],17,[18]		11,[12]
3e		[10],11,12	10,12,[16]		[13],16,[17]	[20],21,22
	9,12	10,12		[12],17	[12,13],15	
	29,[31,31.2]	12,15	X,Y	[9],10,11	[20,21.2],22,[23]	[9],12,13
	7,[11,12]		[6],9	8	[15],16,18	
B9YLTT	GlobalFiler™					
	12,15,16	17,19,25	10,11,11.3,14	15,16,17,18	-	11,12
3e	-	10,11,12	10,12,16	-	13,16	20,21,22
	9,12,13	10,12	-	12,17	12,13,15	-
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	-
	-	17,20,27.2,28.2	6,9	8	15,16,18	
BE2QPH	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
BG8C84	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
BGRUBX	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	

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 3e - STR Results

BHZZKT	Identifiler® Plus					
		17,19,25		15,16,17,18		11,12
3e		10,11,12	10,12,16			
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2		X,Y	9,10,11	20,21.2,22,23	
			6,9	8,8	15,16,18	
BJTZLP	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
BJWHPF	GlobalFiler™					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
3e		[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
		17,[20],[27.2],28.2	[6],9	8	[15],16,18	
BL22NW	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
BL2766	PowerPlex® Fusion					
	12,15,16,18.3	17,19,25	10,11.3,14	15,16,17		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,12,13
	7,11		6,9	8	15,16,18	
BMUYW3	Identifiler® Plus					
	-	17,19,25	-	15,16,17,18	-	11,12
3e		10,11,12	10,12,16	-	-	-
	9,12,13	10,12	-	12,17	12,13,15	-
	29,31,31.2	-	X,Y	9,10,11	20,21.2,22,23	-
	-	-	6,9	8	15,16,18	
BN64CR	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	-	11,12
3e		10,11,12	10,12,16	-	13,16,17	20,21,22
	9,12,13	10,12	-	12,17	12,13,15	-
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	

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 3e - STR Results

BPX2QX	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
BTZR2J	Identifiler® Plus, PowerPlex® Y23					
	17,19,25			15,16,17,18		11,12
	3e	10,11,12	10,12,16			
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2		X,Y	9,10,11	20,21.2,22,23	
		6,9	8	15,16,18		
BXGZPJ	Investigator® 24plex QS, MiniFiler					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
	3e	[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,[12]		[12],17	12,[13],15	
	29,[31],31.2	[12],15	X,Y	[9],10,11	[20],21.2,22,[23]	
	17,[20],[27.2],28.2	[6],9	8,8	[15],16,18		
C2CA7Q	GlobalFiler™ Casework					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8,8	15,16,18		
C2PQ4P	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
C3HUR6	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
C3XVNZ	Identifiler® Plus					
	17,19,25			15,16,17,18		11,12
	3e	10,11,12	10,12,16			
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2		X,Y	9,10,11	20,21.2,22,23	
		6,9	8,8	15,16,18		

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	
<b>Item 3e - STR Results</b>						
C4ZR9W	GlobalFiler™					
	12,15	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		11,12	10,12,16		13,16	21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	10,11	20,21.2,22,23	
		17,27.2,28.2	6,9	8	15,16,18	
C6BK2Q	GlobalFiler™					
	12,15,18.3	17,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	16,18	
C8AYJ9	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		[10],11,12	10,12,[16]		13,16,17	20,21,22
	9,12,[13]	10,12		[12],17	12,13,15	
	29,31,31.2	12,15	X,Y	[9],10,11	20,21.2,22,23	
		17,[20],[27.2],28.2	[6],9	8	15,16,18	
CA3QPD	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
CBYEZW	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	-	11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	-
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	-
		17,20,27.2,28.2	6,9	8	15,16,18	
CDDZGH	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
CEG8AQ	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	



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 3e - STR Results

CEU7VL	PowerPlex® Fusion 5C, GlobalFiler™, Investigator® 24plex					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
CGLXG7	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
CGNLQH	Investigator® 24plex QS					
	12,15,[16],[18.3]	17,[19],[25]	10,11.3	15,[16],17,[18]		11,[12]
3e		[10],11,12	10,12		13,16,[17]	[20],21,22
	9,12	10,12		[12],17	12,[13],15	
	29,[31],[31.2]	[12],15	X,Y	[9],10,11	21.2,22,[23]	
		17,[20],[27.2],28.2	[6],9	8,8	[15],16,18	
CJU8EH	Investigator® 24plex QS					
	12,[15],[16,18.3]	17,[19],[25]	[10],[11],11.3,[14]	15,[16],17,[18]		11,[12]
3e		[10],11,[12]	10,[12],[16]		13,[16],[17]	[20],[21],22
	9,12,[13]	10,[12]		[12],17	[12],[13],15	
	29,[31],31.2	[12],15	X,Y	[9],[10],11	[20],21.2,22,[23]	
		17,[20,27.2],28.2	[6],9	8,8	[15],16,[18]	
CLBG9M	PowerPlex® Fusion 5C, Fusion 6C, Investigator® 24plex					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
CLQYAB	Identifiler® Plus					
		17,19,25		15,16,17,18		11,12
3e		10,11,12	10,12,16			
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2		X,Y	9,10,11	20,21.2,22,23	
			6,9	8	15,16,18	
CM3Q2P	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	

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 3e - STR Results

CTBUBC	GlobalFiler™					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
	3e	[10],11,12	10,12,[16]		13,16,[17]	(20),21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
	17,[20],[27.2],28.2	[6],9	8	[15],16,18		
CTJW7Q	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
D3FJAR	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
D7VW79	PowerPlex® Fusion					
	12,15,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	6,9	8	15,16,18		
D87W7A	GlobalFiler™					
	12,15,[16],18.3	17,19,25	10,[11],11.3,[14]	15,[16],17,[18]		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
	17,[20],[27.2],28.2	[6],9	8	15,16,18		
DBAKRQ	GlobalFiler™					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
	3e	[10],11,12	10,12,[16]		13,16,[17]	21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
	17,[20],[27.2],28.2	[6],9	8	[15],16,18		
DC3DRG	Investigator® 24plex					
	11,12,14,15,16,18.3	16,17,19,24,25	10,11,11.3	14,15,16,17		10,11,12
	3e	10,11,12	9,10,11,12,16		12,13,15,16,17	20,21,22
	9,11,12,13	9,10,11,12		12,16,17	11,12,14,15	
	28,29,30.2,31,31.2	11,12,14,15,16	X,Y	9,10,11	20,21.2,22,23	
	16,17,20,27.2,28.2	6,8,9	8	15,16,17,18		

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 3e - STR Results

DCM286	GlobalFiler™	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	11,12
	3e		10,11,12	10,12,16		13,16,17 20,21,22
		9,12,13	10,12		12,17	12,13,15
		29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23
			17,20,27.2,28.2	6,9	8	15,16,18
DDJKXX	PowerPlex® F6C	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	11,12
	3e		10,11,12	10,12,16		13,16,17 20,21,22
		9,12,13	10,12		12,17	12,13,15
		29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23 9,10,12,13
		7,11,12	17,20,27.2,28.2	6,9	8	15,16,18
DNZ92K	PowerPlex® Fusion 6C, GlobalFiler™	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	11,12
	3e		10,11,12	10,12,16		13,16,17 20,21,22
		9,12,13	10,12		12,17	12,13,15
		29,31,31.2	12,15	X,Y	10,11	20,21.2,22,23 9,10,12,13
		7,11,12	17,20,27.2,28.2	6,9	8	15,16,18
DP7N9B	GlobalFiler™	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]	11,[12]
	3e		[10],11,12	10,12,[16]		13,16,[17] [20],21,22
		9,12,[13]	10,12		[12],17	12,[13],15
		29,31,31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]
			17,[20],[27.2],28.2	[6],9	8	[15],16,18
DPNUAL	PowerPlex® Fusion 5C	12,15,[16,18.3]	17,[19,25]	10,[11],11.3,[14]	[15,16],17,[18]	11,[12]
	3e		[10],11,12	10,12,[16]		13,16,[17] [20],21,22
		9,12,[13]	10,12		[12],17	12,[13],15
		29,[31],31.2	12,15	X,Y	[9],10,11	[20,21.2],22,[23] [9,10],12,13
		7,[11,12]		[6],9	8	[15],16,18
DUZMM7	Identifiler® Plus		17,19,25		15,16,17,18	11,12
	3e		10,11,12	10,12,16		
		9,12,13	10,12		12,17	12,13,15
		29,31,31.2		X,Y	9,10,11	20,21.2,22,23
				6,9	8	15,16,18
DVUG9G	Investigator® 24plex	11,12,14,15,16,18.3	16,17,19,24,25	10,11,11.3	14,15,16,17,18	10,11,12
	3e		10,11,12	9,10,11,12,16		12,13,15,16,17 20,21,22
		9,11,12,13	9,10,11,12		12,16,17	11,12,13,14,15
		28,29,30.2,31,31.2	11,12,14,15	X,Y	9,10,11	20,21.2,22,23
			17,20,27.2,28.2	6,8,9	7,8	15,16,17,18

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 3e - STR Results

DXQTCW	GlobalFiler™	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	-	11,12
	3e	-	10,11,12	10,12,16	-	13,16,17	20,21,22
		9,12,13	10,12	-	12,17	12,13,15	-
		29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	-
		-	17,20,27.2,28.2	6,9	8	15,16,18	
E44E8K	Identifiler® Plus		17,(19),25		15,(16),17,(18)		11,11,(12)
	3e		(10),11,12	10,12,(15),(16)			
		9,12,(13)	10,12		(12),17,17	12,(13),15	
		29,(31),31.2		X,Y	(9),10,11	(20),21.2,22,(23)	
				(6),9,9	8,8	(15),16,18	
E4NWP9	GlobalFiler™	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e		10,11,12	10,12,16		13,16,17	20,21,22
		9,12,13	10,12		12,17	12,13,15	
		29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
			17,20,27.2,28.2	6,9	8	15,16,18	
E67RGM	PowerPlex® Fusion 6C	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e		10,11,12	10,12,16		13,16,17	20,21,22
		9,12,13	10,12		12,17	12,13,15	
		29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
		7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
E6LDLJ	PowerPlex® 6C, GlobalFiler™	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e		10,11,12	10,12,16		13,16,17	20,21,22
		9,12,13	10,12		12,17	12,13,15	
		29,30,31,31.2	12,15	X,Y	9,10,11	19,20,21.2,22,23	9,10,12,13
		7,11,12	17,20,21.1,27.2,28.2	6,9	8	15,16,18	
E8MA77	PowerPlex® Fusion 5C	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e		10,11,12	10,12,16		13,16,17	20,21,22
		9,12,13	10,12		12,17	12,13,15	
		29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
		7,11,12		6,9	8	15,16,18	
E8MEQL	PowerPlex® Fusion 6C	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e		10,11,12	10,12,16		13,16,17	20,21,22
		9,12,13	10,12		12,17	12,13,15	
		29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
		7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	

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 3e - STR Results

EGWMJU	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16	21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
EJMNMW	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
EKC9AF	Identifiler® Plus					
		17,19,25		15,16,17,18		11,12
	3e	10,11,12	10,12,16			
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2		X,Y	9,10,11	20,21.2,22,23	
		6,9	8	15,16,18		
EP86PL	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
EQYWX7	GlobalFiler™					
	12,15	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
	3e	11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12	10,12		[12],17	12,[13],15	
	29,31.2	12,15	X,Y	10,11	[20],21.2,22,[23]	
	17,28.2	[6],9	8	16,18		
ETP4BF	PowerPlex® 5C					
	12,15,[16],[18.3]	17,[19],25	10,11.3,[14]	15,[16],17,[18]		11,[12]
	3e	[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	[9],[10],12,13
	7,[11],[12]		[6],9	8	[15],16,18	
EVTV7A	Identifiler® Plus					
		17,25		15,17		11,11
	3e	11,12	10,12			
	9,12	10,12		17,17	12,15	
	29,31.2		X,Y	10,11	21.2,22	
		9,9	8,8	16,18		

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 3e - STR Results

EVWF4Q	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8,8	15,16,18		
EXV34T	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
F2W8QD	Investigator® 24plex					
	12,15,16	16,17,19,25	10,11.3	15,17,18		11,12
	3e	10,11,12	10,12		12,13,16,17	20,21,22
	9,12,13	10,12		12,16,17	12,15	
	29,31,31.2	12,14,15	X,Y	9,10,11	21.2,22,23	
	17,27.2,28.2	6,9	8	15,16,18		
F2X3N	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
F3LMR9	PowerPlex® Fusion					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
	3e	[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,31,31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	[9],[10],12,13
	7,[11],[12]	[6],9	8	[15],16,18		
F4773M	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
F6R7UB	PowerPlex® F6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	

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	
<b>Item 3e - STR Results</b>						
FA8F6U	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
FAAA27	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,27.2,28.2	6,9	8,8	15,16,18	
FEPHP7	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
FHG8BH	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
FJTM3X	Identifiler® Plus					
		17,19,25		15,16,17,18		11,12
3e		10,11,12	10,12,16			
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2		X,Y	9,10,11	20,21.2,22,23	
			6,9	8	15,16,18	
FKFTT4	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
FKFVH9	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	

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 3e - STR Results

FKQX2L	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e					
		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
FLN7A7	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e					
		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
FLYAF3	PowerPlex® Fusion 5C					
	12,15,[16]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
	3e					
		[10],11,12	10,12,[16]		13,16	[20],21,22
	9,12	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	12,13
	7,[12]		[6],9	8	[15],16,18	
FMCLCL	Identifiler® Plus					
		17,19,25		15,16,17,18		11,12
	3e					
		10,11,12	10,12,16			
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2		X,Y	9,10,11	20,21.2,22,23	
			6,9	8	15,16,18	
FMTV9T	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e					
		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8,8	15,16,18	
FVNVLZ	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e					
		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
FXGPMB	PowerPlex® F6C					
	12,15	17,25	10,11.3	15,17		11,11
	3e					
		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7	17,28.2	9,9	8,8	16,18	



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 3e - STR Results

FXVBWC	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e					
		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
29,31,31.2						
	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13	
7,11,12						
	17,20,27.2,28.2	6,9	8	15,16,18		
FZKHGA	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e					
		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
29,31,31.2						
	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13	
7,11,12						
	17,20,27.2,28.2	6,9	8	15,16,18		
G3J6KX	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e					
		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
29,31,31.2						
	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13	
7,11,12						
	17,20,27.2,28.2	6,9	8	15,16,18		
G4LNZ2	Investigator® 24plex QS					
	12,15,16,18.3	17,[19],25	10,11,11.3,14	15,16,17,[18]		11,12
	3e					
		10,11,12	10,12,[16]		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,[13],15	
29,31,31.2						
	12,15	X,Y	9,10,11	20,21.2,22,[23]		
17,20,27.2,28.2						
		[6],9	8	15,16,18		
G6AEKQ	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,[12]
	3e					
		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
29,31,31.2						
	12,15	X,Y	9,10,11	20,21.2,22,23		
17,20,27.2,28.2						
		[6],9	8	15,16,18		
G9PRG8	PowerPlex® 16					
				15,16,17,18		11,12
	3e					
		10,11,12	10,12,16			
	9,12,13	10,12		12,17		
29,31,31.2						
		X,Y	9,10,11	20,21.2,22,23	9,10,12,13	
7,11,12						
		6,9	8	15,16,18		
GAQPNM	GlobalFiler™					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
	3e					
		11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
29,[31],31.2						
	12,15	X,Y	[9],10,11	[20],21.2,22,[23]		
17,[20],[27.2],28.2						
		[6],9	8	[15],16,18		

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 3e - STR Results

GAZQFM	Identifiler® Plus	17,(19),25		15,(16),17,(18)		11,11,(12)
3e		(10),11,12	10,12,(16)			
		9,12,(13)	10,12	(12),17,17	12,(13),15	
		29,(31),31.2	X,Y	(9),10,11	(20),21.2,22,(23)	
			(6),9,9	8,8	(15),16,18	
GCE2YZ	GlobalFiler™	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	11,12
3e			10,11,12	10,12,16		13,16,17
		9,12,13	10,12		12,17	12,13,15
		29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23
			17,20,27.2,28.2	6,9	8	15,16,18
GD8YTD	Investigator® 24plex	12,15	17,25	10,11.3	15,16,17,18	NA
3e		NA	10,11,12	10,12,16	NA	13,16
		9,12	10,12	NA	12,16,17	12,13,15
		29,31,31.2	12,15	X,Y	10,11	21.2,22
		NA	17,28.2	9	8	15,16,18
GEUWNX	GlobalFiler™	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	Not Tested
3e		Not Tested	10,11,12	10,12,16	Not Tested	13,16,17
		9,12,13	10,12	Not Tested	12,17	12,13,15
		29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23
		Not Tested	17,20,27.2,28.2	6,9	8	15,16,18
GFVN9Y	PowerPlex® Fusion 5C	12,15	17,19,25	10,11,11.3,14	15,17,18	11,12
3e			10,11,12	10,12,16		13,16
		9,12,13	10,12		12,17	12,13,15
		29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23
		7		6,9	8	15,16,18
GHLR27	PowerPlex® Fusion 6C	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	11,12
3e			10,11,12	10,12,16		13,16,17
		9,12,13	10,12		12,17	12,13,15
		29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23
		7,11,12	17,20,27.2,28.2	6,9	8	15,16,18
GL28CJ	GlobalFiler™	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	11,12
3e			10,11,12	10,12,16		13,16,17
		9,12,13	10,12		12,17	12,13,15
		29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23
			17,20,27.2,28.2	6,9	8	15,16,18

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	
<b>Item 3e - STR Results</b>						
GNNYJU	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
GQP23P	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,11,12	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8,8	15,16,18	
GT3AYJ	Investigator® 24plex					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,27.2,28.2	6,9	8	15,16,18	
GW3KQD	GlobalFiler™					
	12,15,[16,18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
3e		[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
		17,[20,27.2],28.2	[6],9	8	[15],16,18	
GXR2ND	Investigator® 24plex QS					
	11,12,14,15	17,19,25	10,11,11.3	15,16,17		11,12
3e		11,12	10,12,16		12,13,15,16,17	20,21,22
	9,12,13	10,12		12,16,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,27.2,28.2	6,9	8	15,16,18	
GY94LD	Identifiler® Plus					
		17,19,25		15,16,17,18		11,12
3e		10,11,12	10,12,16			
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2		X,Y	9,10,11	20,21.2,22,23	
			6,9	8	15,16,18	
H2RE3P	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	

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

H4BNWM	PowerPlex® Fusion 6C					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
		[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	[9],[10],12,13
	7,[11],[12]	17,[20],[27.2],28.2	[6],9	8	[15],16,18	
H4UJC4	PowerPlex® Fusion					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
		11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15		9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12		6,9	8,8	15,16,18	
H8JPA8	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
H97M37	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
HACW7W	PowerPlex® 16 HS, ESX17 (Promega)					
	12,15	17,25	10,11.3	15,17		11,11
		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7	17,28.2	9,9	8,8	16,18	
HD6L4B	GlobalFiler™					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
		[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
		17,[20],[27.2],28.2	[6],9	8,8	[15],16,18	
HDKZ6E	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	

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 3e - STR Results

HDMUY7	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
HF7U4F	GlobalFiler™					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
	3e	[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
	17,[20],[27.2],28.2	[6],9	8	[15],16,18		
HJAD9M	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
HN3N2D	GlobalFiler™					
	12,15,[16],[18.3]	17,[19],25	10,11.3,[14]	15,[16],17,[18]		11,[12]
	3e	[10],11,12	10,12,[16]		13,16,[17]	21,22
	9,12	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
	17,[20],28.2	[6],9	8	[15],16,18		
HQQATN	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8,8	15,16,18	
HRX97H	Identifiler® Plus					
		17,(19),25		15,(16),17,(18)		11,11,(12)
	3e	(10),11,12	10,12,(16)			
	9,12,(13)	10,12		(12),17,17	12,(13),15	
	29,(31),31.2		X,Y	10,11	(20),21.2,22,(23)	
		(6),9,9	8,8	(15),16,18		
HVD4LF	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		

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

HYPL97	PowerPlex® Fusion 6C						
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12	
	3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15		
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13	
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18		
HZV7QY	GlobalFiler™						
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]	
	3e		[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15		
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]		
		17,[20],[27.2],28.2	[6],9	8	[15],16,18		
J33QEE	GlobalFiler™						
	12,15,[16],[18.3]	17,19,25	10,[11],11.3,[14]	15,[16],17,[18]		11,12	
	3e		[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		12,17	12,[13],15		
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]		
		17,[20],[27.2],28.2	[6],9	8	[15],16,18		
JFLGYM	PowerPlex® Fusion 6C						
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12	
	3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15		
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13	
	7,11,12	17,20,27.2,28.2	6,9	8,8	15,16,18		
JGY4JM	PowerPlex® Fusion 6C						
	12,15,[16],18.3	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,11,[12]	
	3e		[10],11,12	10,12,[16]		13,16,[17]	21,22
	9,12,[13]	10,12		[12],17,17	12,15		
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	[9,10],12,13	
	7,7,[11,12]	17,[20,27.2],28.2	[6],9,9	8,8	16,18		
JGZRYT	GlobalFiler™						
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]	
	3e		[10],11,12	10,12,[16]		13,16,[17]	21,22
	9,12,[13]	10,12		[12],17	12,[13],15		
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]		
		17,[20],28.2	[6],9	8	[15],16,18		
JH96D9	PowerPlex® Fusion						
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12	
	3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15		
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13	
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18		

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 3e - STR Results

JHQ3HT	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
JJMGDE	GlobalFiler™					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		[11],[12]
	3e	[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],[17]	12,[13],15	
	[29],[31],[31.2]	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
	17,[20],[27.2],28.2	[6],9	8	[15],16,18		
JJP6MQ	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
JL4X74	GlobalFiler™					
	12,15,[16],18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
	3e	[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
	17,[20,27.2],28.2	[6],9	8	[15],16,18		
JLA4UT	Investigator® 24plex					
	12,15	17,25	10,11.3	15,17		11
	3e	11,12	10,12		13,16	20,21,22
	9,12	10,12		16,17	12,15	
	29,31.2	12,15	X,Y	9,10,11	21.2,22	
	17,28.2	9	8	16,18		
JNYBEP	Investigator® 24plex					
	12,15,16,18.3	17,19,24,25	10,11.3,14	14,15,16,17		10,11,12
	3e	10,11,12	10,11,12,16		12,13,15,16,17	20,21,22
	9,12,13	10,11,12		12,16,17	12,13,14,15	
	28,29,31,31.2	12,14,15	X,Y	9,10,11	21.2,22	
	16,17,27.2,28.2	6,8,9	7,8	15,16,17,18		
JPV27Q	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	

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	
<b>Item 3e - STR Results</b>						
JQK62H	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
JRV44E	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
JVP7KY	Identifiler® Plus					
		17,25		15,16,17,18		11,12
3e		10,11,12	10,12,16			
	9,12	10,12		12,17	12,13,15	
	29,31,31.2		X,Y	9,10,11	21.2,22,23	
			9,9	8,8	15,16,18	
JrJU3U	PowerPlex® Fusion					
	12,15	17,25	10,11.3	15,17		11,11
3e		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7		9,9	8,8	16,18	
JX9NEL	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
JZND3	PowerPlex® Fusion 6C					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,12
3e		[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		12,17	12,[13],15	
	29,31,31.2	12,15	X,Y	[9],10,11	20,21.2,22,23	[9],[10],12,13
	7,[11],[12]	17,[20],[27.2],28.2	[6],9	8	15,16,18	
K3C8Q4	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8,8	15,16,18	



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 3e - STR Results

K3D63Z	GlobalFiler™	12,15,[16],[18.3]	17,19,25	10,(11),11.3,[14]	15,[16],17,[18]	11,11,[12]
	3e		[10],11,12	10,12,[16]		13,16,[17]
		9,12,[13]	10,12		[12],17,17	12,[13],15
		29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]
			17,[20],[27.2],28.2	[6],9,9	8,8	[15],16,18
K46ZLM	PowerPlex® Fusion	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	11,12
	3e		10,11,12	10,12,16		13,16,17
		9,12,13	10,12		12,17	12,13,15
		29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23
		7,11,12		6,9	8	15,16,18
K62FZK	PowerPlex® Fusion 6C	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	11,12
	3e		10,11,12	10,12,16		13,16,17
		9,12,13	10,12		12,17	12,13,15
		29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23
		7,11,12	17,20,27.2,28.2	6,9	8	15,16,18
KC4GGM	PowerPlex® Fusion 6C	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]	11,[12]
	3e		[10],11,12	10,12,[16]		13,16,[17]
		9,12,[13]	10,12		[12],17	12,[13],15
		29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]
		7,[11],[12]	17,[20],[27.2],28.2	[6],9	8	[15],16,18
KCX97D	Identifiler® Plus, GlobalFiler™	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	11,12
	3e		10,11,12	10,12,16		13,16,17
		9,12,13	10,12		12,17	12,13,15
		29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23
			17,20,27.2,28.2	6,9	8	15,16,18
KGRCXC	GlobalFiler™	12,15,[16],[18.3]	17,19,25	10,[11],11.3,[14]	15,[16],17,[18]	11,[12]
	3e		[10],11,12	10,12,[16]		13,16,[17]
		9,12,[13]	10,12		12,17	12,[13],15
		29,31,31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]
			17,[20],[27.2],28.2	[6],9	8	15,16,18
KGUXMK	GlobalFiler™	12,15	17,19,25	10,11,11.3,14	15,16,17	11,12
	3e		10,11,12	10,12,16		13,16
		9,12,13	10,12		12,17	12,13,15
		29,31,31.2	12,15	X,Y	10,11	20,21.2,22,23
			17,20,27.2,28.2	6,9	8,8	15,16,18

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

KGXPK9	GlobalFiler™	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	11,12
	3e		10,11,12	10,12,16		13,16,17
		9,12,13	10,12		12,17	12,13,15
		29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23
			17,20,27.2,28.2	6,9	8,8	15,16,18
KKETHQ	Identifiler® Plus		17,19,25		15,16,17,18	11,12
	3e		10,11,12	10,12,16		
		9,12,13	10,12		12,17	12,13,15
		29,31,31.2		X,Y	9,10,11	20,21.2,22,23
				6,9	8	15,16,18
KLHREQ	PowerPlex® Fusion 6C	12,15,[16,18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]	11,[12]
	3e		[10],11,12	10,12,[16]		13,16,[17]
		9,12,[13]	10,12		[12],17	12,[13],15
		29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]
		7,[11],[12]	17,[20,27.2],28.2	[6],9	8	[15],16,18
KT4Q2J	PowerPlex® Fusion 6C	12,15	17,25	10,11.3	15,17	11,11
	3e		11,12	10,12		13,16
		9,12	10,12		17,17	12,15
		29,31.2	12,15	X,Y	10,11	21.2,22
		7,7	17,28.2	9,9	8,8	16,18
KTNDCL	PowerPlex® Fusion	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]	11,[12]
	3e		[10],11,12	10,12,[16]		13,16,[17]
		9,12,[13]	10,12		[12],17	12,[13],15
		29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]
		7,[11],[12]		[6],9	8	[15],16,18
KTZXDJ	GlobalFiler™	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	11,12
	3e		10,11,12	10,12,16		13,16,17
		9,12,13	10,12		12,17	12,13,15
		29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23
			17,20,27.2,28.2	6,9	8,8	15,16,18
KUJWF9	PowerPlex® Fusion 6C	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	11,12
	3e		10,11,12	10,12,16		13,16,17
		9,12,13	10,12		12,17	12,13,15
		29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23
		7,11,12	17,20,27.2,28.2	6,9	8	15,16,18

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 3e - STR Results

KVLVXX	GlobalFiler™					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
	3e	[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
	17,[20],[27.2],28.2	[6],9	8	[15],16,18		
KVNMMJH	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8,8	15,16,18		
KYA7NL	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8,8	15,16,18		
L296CJ	GlobalFiler™					
	12,15,(18.3)	17,(19),25	10,(11),11.3,(14)	15,(16),17,(18)		11,(12)
	3e	(10),11,12	10,12,(16)		13,16,(17)	(20),21,22
	9,12,(13)	10,12		(12),17	12,(13),15	
	29,(31),31.2	12,15	X,Y	(9),10,11	(20),21.2,22,(23)	
	17,28.2	(6),9	8,8	(15),16,18		
L4N4YU	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
L7BVQC	Identifiler® Plus					
		16,17,19,24,25		15,16,17,18		10,11,12
	3e	10,11,12	9,10,11,12,16			
	8,9,11,12,13	9,10,11,12		12,16,17	11,12,13,14,15	
	28,29,31,31.2		X,Y	9,10,11	20,21.2,22,23	
		6,8,9	7,8	15,16,17,18		
L8HDML	Investigator® 24plex					
	12,15,16,18.3	17,19	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31	12,14,15	X,Y	9,10,11	20,22,23	
	20,27.2	6,9	8	15,16,18		

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 3e - STR Results

L9UVZZ	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	-	11,12
	3e	-	10,11,12	10,12,16	-	13,16,17
	9,12,13	10,12	-	12,17	12,13,15	-
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	-
	-	17,20,27.2,28.2	6,9	8	15,16,18	
LDPW4E	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	-	10,11,12	10,12,16	-	13,16,17
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
LJF2X4	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	-	10,11,12	10,12,16	-	13,16,17
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
LL6DZV	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	-	10,11,12	10,12,16	-	13,16,17
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8,8	15,16,18	
LMCPEB	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	-	10,11,12	10,12,16	-	13,16,17
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
LMDQ7N	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	-	10,11,12	10,12,16	-	13,16,17
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
LP6JF2	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	-	10,11,12	10,12,16	-	13,16,17
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8,8	15,16,18	

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 3e - STR Results

LPGFEY	PowerPlex® Fusion					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
	3e	[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	[9],[10],12,13
	7,[11],[12]		[6],9	8	[15],16,18	
LR7M32	GlobalFiler™					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
	3e	10,11,12	10,12,[16]		13,16,[17]	20,21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,31,31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
	17,[20],[27.2],28.2	[6],9	8	15,16,18		
LT4W86	PowerPlex® 21					
	12,15,16,18.3	17,25		15,16,17,18		11,12
	3e	12,14	10,11,12	10,12,16		20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2		X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12		6,9	8	15,16,18	
LU722R	PowerPlex® 16 HS					
				15,17		11,11
	3e	11,12	10,12			
	9,12	10,12		17,17		
	29,31.2		X,Y	10,11	21.2,22	12,13
	7,7		9,9	8,8	16,18	
LUALQF	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
LUXN7J	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
LVAGV6	PowerPlex® 21					
	12,15,16,18.3	17,19,25		15,16,17,18		11,12
	3e	12,14	10,11,12	10,12,16		20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2		X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12		6,9	8,8	15,16,18	

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 3e - STR Results

LVPYJJ	GlobalFiler™	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	11,12
	3e		10,11,12	10,12,16		13,16,17
		9,12,13	10,12		12,17	12,13,15
		29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23
			17,20,28.2	6,9	8	15,16,18
MAHVD2	Identifiler® Plus		17,25		15,17	11,11
	3e		11,12	10,12		
		9,12	10,12		17,17	12,15
		29,31.2		X,Y	10,11	21.2,22
				9,9	8,8	16,18
MCP2ZN	Investigator® 24plex	12,15,16,18.3	17,25	10,11,11.3	15,16,17	11,12
	3e		10,11,12	10,12		12,13,15,16,17
		9,12,13	9,10,11,12		12,16,17	12,14,15
		29,31.2	12,14,15	X,Y	9,10,11	21.2,22
			17,28.2	6,9	7,8	15,16,18
MDMJUC	PowerPlex® Fusion	12,15,[18.3]	17,[19],25	10,[11],11.3,[14]	[15,16],17,[18]	11,[12]
	3e		[10],11,12	10,[12,16]		13,16,[17]
		9,[12,13]	10,12		[12],17	12,[13],15
		29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]
		7,[12]		[6],9	8	[15],16,18
MEZ4P8	Investigator® 24plex	12,15	17,25	10,11.3	15,16,17	11,12
	3e		10,11,12	10,12		13,16
		9,12	10,12		12,16,17	12,13,15
		29,31.2	12,15	X,Y	10,11	21.2,22
			17,28.2	9	8	16,18
MG3WVY	PowerPlex® Fusion 5C	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	11,12
	3e		10,11,12	10,12,16		13,16,17
		9,12,13	10,12		12,17	12,13,15
		29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23
		7,11,12		6,9	8	15,16,18
MJPKYC	GlobalFiler™	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]	11,[12]
	3e		[10],11,12	10,12,[16]		13,16,[17]
		9,12,[13]	10,12		[12],17	12,[13],15
		29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]
			17,[20],[27.2],28.2	[6],9	8	[15],16,18

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

MKK46K	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8,8	15,16,18	
MLGE39	Investigator® 24plex					
	12,15,16,18.3	16,17,19,24,25	10,11,11.3,14	14,15,16,17,18		10,11,12
		10,11,12	9,10,11,12,16		12,13,15,16,17	20,21,22
	9,12,13	9,10,11,12		12,16,17	11,12,13,14,15	
	28,29,30.2,31,31.2	11,12,14,15,16	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,8,9	8	15,16,17,18		
MLTBDE	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
MPJHRA	Investigator® 24plex					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,11,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
MTUMBW	GlobalFiler™					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,12
		10,11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		12,17	12,[13],15	
	29,31,31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
	17,[20],[27.2],28.2	[6],9,9	8,8	15,16,18		
MVJUVU	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
MVZ8YW	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	NT	11,12
		10,11,12	10,12,16	NT	13,16,17	20,21,22
	9,12,13	10,12	NT	12,17	12,13,15	NT
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	NT
	NT	17,20,27.2,28.2	6,9	8	15,16,18	

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 3e - STR Results

MXEAFH	PowerPlex® Fusion 6C					
	12,15,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	21.2,22	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
MXWAH8	Investigator® 24plex QS					
	12,15,18.3	17,25	10,11.3	15,17		11,12
	3e	11,12	10,12		13,16	20,21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	
	17,28.2	6,9	8	16,18		
MY24QD	Identifiler®					
		17,(19),25		15,(16),17,(18)		11,11,(12)
	3e	(10),11,12	10,12,(16)			
	9,12,(13)	10,12		(12),17,17	12,(13),15	
	29,(31),31.2		X,Y	(9),10,11	(20),21.2,22,(23)	
		(6),9,9	8,8	(15),16,18		
MZHDP6	Identifiler® Plus					
		17,25		15,16,17		11,12
	3e	10,11,12	10,12			
	9,12	10,12		17	12,15	
	29,31,31.2		X,Y	10,11	21.2,22	
		9	8	16,18		
N24BPV	GlobalFiler™					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,12
	3e	[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17,17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
	17,[20],[27.2],28.2	[6],9,9	8,8	[15],16,18		
N3F2XZ	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
NA2WXH	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8,8	15,16,18		



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 3e - STR Results

NEXKKW	PowerPlex® F6C					
	12,15,[16,18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
		[10],11,12	10,12		13,16	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	[9,10],12,13
	7,[11,12]	17,[20],28.2	[6],9	8	[15],16,18	
NHK6PZ	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
NJB8JF	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
NMVDUC	PowerPlex® Fusion 6C					
	12,15,[16,18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
		[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		12,17	12,13,15	
	29,[31],31.2	12,15	X,Y	9,10,11	[20],21.2,22,[23]	[9,10],12,13
	7,[11,12]	17,20,27.2,28.2	[6],9	8	15,16,18	
NNEEQ	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	Not Tested	11,12
	Not Tested	10,11,12	10,12,16	Not Tested	13,16,17	20,21,22
	9,12,13	10,12	Not Tested	12,17	12,13,15	Not Tested
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	Not Tested
	Not Tested	17,20,27.2,28.2	6,9	8	15,16,18	
NPR7AM	Identifiler® Plus					
		17,[19],25		15,[16],17,[18]		11,12
		[10],11,12	10,12,[16]			
	9,12,[13]	10,12		12,17	12,[13],15	
	29,31,31.2		X,Y	[9],10,11	[20],21.2,22,[23]	
		[6],9	8	15,16,18		
NQ6HEJ	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	

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 3e - STR Results

NTQCYQ	GlobalFiler™					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
	3e	[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
	17,[20],[27.2],28.2	[6],9	8	[15],16,18		
NURBHE	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
NV8BU2	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	17,20,27.2,28.2	6,9	8	15,16,18		
NW24KE	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
NWCW7F	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
NXLB8U	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
NZWYXL	Investigator® 24plex					
	11,12,14,15,16	17,19,24,25	10,11,11.3	15,16,17,18		10,11,12
	3e	10,11,12	10,12,16		12,13,15,16,17	20,21,22
	9,12,13	10,11,12		12,16,17	12,14,15	
	28,29,31,31.2	12,14,15	X,Y	9,10,11	20,21.2,22,23	
	16,17,20,27.2,28.2	6,9	8	15,16,17,18		

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

P44YGQ	GlobalFiler™					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
	3e	[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
	17,[20],[27.2],28.2	[6],9	8	[15],16,18		
PAGFL2	GlobalFiler™					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
	3e	[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
	17,[20],[27.2],28.2	[6],9	8	[15],16,18		
PAHDWW	GlobalFiler™					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
	3e	[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	10,11	[20],21.2,22,[23]	
	17,[20],28.2	[6],9	8,8	[15],16,18		
PBEXGB	GlobalFiler™					
	12,15,[16^**],[18.3]	17,[19],25	10,[11],11.3,[14]	15,16,17,18		11,[12]
	3e	[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9^],10,11	[20],21.2,22,[23]	
	17,[20],[27.2],28.2	[6],9	8	[15],16,18		
PBLAUR	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
PCJFHD	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
PEUH8X	GlobalFiler™					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,11,[12]
	3e	[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17,17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
	17,[20],[27.2],28.2	[6],9,9	8,8	[15],16,18		

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

PGDKW3	Identifiler® Plus					
		17,19,25		15,16,17,18		11,12
3e		10,11,12	10,12,16			
	9,12	10,12		17	12,15	
	29,31,31.2		X,Y	9,10,11	20,21.2,22	
			6,9	8	15,16,18	
PHJ2YE	Investigator® 24plex					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8,8	15,16,18	
PJMM22	GlobalFiler™					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
3e		11,12	10,12,[16]		13,16,[17]	[20],21,22,[23]
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
		17,[20],[27.2],28.2	[6],9	8	[15],16,18	
PLDTE7	GlobalFiler™					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,12
3e		[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		12,17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	20,21.2,22,23	
		17,[20],[27.2],28.2	[6],9	8	[15],16,18	
PTU3AU	Investigator® 24plex QS					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,11,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
PX7ZEG	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
Q4GUHN	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	N/A	11,12
3e	N/A	10,11,12	10,12,16	N/A	13,16,17	20,21,22
	9,12,13	10,12	N/A	12,17	12,13,15	N/A
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	N/A
	N/A	17,20,27.2,28.2	6,9	8	15,16,18	

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 3e - STR Results

Q4NXKV	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
Q8BBF6	Identifiler® Plus					
		17,19,25		15,16,17,18		11,12
3e		10,11,12	10,12,16			
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2		X,Y	9,10,11	20,21.2,22,23	
			6,9	8	15,16,18	
Q9HU82	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
QC4D4R	Identifiler® Plus					
	-	17,[19],25	-	15,[16],17,[18]	-	11,[12]
3e		[10],11,12	10,12,[16]	-	-	-
	9,12,[13]	10,12	-	[12],17	12,[13],15	-
	29,[31],31.2	-	X,Y	[9],10,11	[20],21.2,22,[23]	-
	-	-	[6],9	8	[15],16,18	
QE8863	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
QFZ9ZJ	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
QGTBDZ	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	

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

QGZZ9E	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
QKEWHU	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
QMPGR6	Identifiler® ID+					
		17,19,25		15,16,17,18		11,12
	3e	10,11,12	10,12,16			
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2		X,Y	9,10,11	20,21.2,22,23	
		6,9	8	15,16,18		
QQ6AHX	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
QQKGR9	GlobalFiler™					
	12,15,[16],[18.3]	17,19,25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
	3e	[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
	17,[20],[27.2],28.2	[6],9	8	[15],16,18		
QV6QFW	PowerPlex® Fusion 6C					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
	3e	[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	[10],12,13
	7,[11],[12]	17,[27.2],28.2	[6],9	8	[15],16,18	
QVDLA4	Investigator® 24plex					
	12,15,16,18.3	16,17,25	10,11.3	15,16,17,18	N/A	10,11,12
	3e	N/A	11,12	10,11,12	N/A	13,15,16,17
	9,12	10,12	N/A	16,17	12,13,14,15	N/A
	29,31,31.2	12,14,15	X,Y	9,10,11	20,21.2,22	N/A
	N/A	17,20,27.2,28.2	6,9	8	15,16,18	

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 3e - STR Results

QVE98W	GlobalFiler™	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	11,12
	3e		10,11,12	10,12,16		13,16,17
		9,12,13	10,12		12,17	12,13,15
		29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23
			17,20,27.2,28.2	6,9	8	15,16,18
QVEBW2	GlobalFiler™	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]	11,[12]
	3e		[10],11,12	10,12,[16]		13,16,[17]
		9,12,[13]	10,12		[12],17	12,[13],15
		29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]
			17,[20],[27.2],28.2	[6],9	8	[15],16,18,[19]
QWBTRB	GlobalFiler™	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]	11,[12]
	3e		[10],11,12	10,12,[16 ^]		13,16,[17]
		9,12,[13]	10,12		[12],17	12,[13],15
		29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]
			17,[20],[27.2],28.2	[6],9	8	[15],16,18
QWRZXT	GlobalFiler™	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	11,12
	3e		10,11,12	10,12,16		13,16,17
		9,12,13	10,12		12,17	12,13,15
		29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23
			17,20,27.2,28.2	6,9	8	15,16,18
QYDNHD	GlobalFiler™	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	11,12
	3e		10,11,12	10,12,16		13,16,17
		9,12,13	10,12		12,17	12,13,15
		29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23
			17,20,27.2,28.2	6,9	8	15,16,18
QYPQPK	PowerPlex® Fusion5C	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]	11,[12]
	3e		[10],11,12	10,12,[16]		13,16,[17]
		9,12,[13]	10,12		[12],17	12,[13],15
		29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]
		7,[11],12		[6],9	8	[15],16,18
QZLUQ9	GlobalFiler™	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	11,12
	3e		10,11,12	10,12,16		13,16,17
		9,12,13	10,12		12,17	12,13,15
		29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23
			17,20,27.2,28.2	6,9	8	15,16,18

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

R2Q7JT	PowerPlex® Fusion					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12		6,9	8	15,16,18	
R3EARV	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
R9R6BH	PowerPlex® Fusion 5C					
	12,15,16,18.3	17,19,25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
3e		[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	[9],[10],12,13
	7,[11,12]		[6],9	8	[15],16,18	
RB6NKF	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
RB8MHA	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
REJHZD	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
REMV7A	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	



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

RFCGA6	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
RNQ4MF	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
RNQCC7	GlobalFiler™					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
	3e	[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		12,17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
	17,[20],[27.2],28.2	[6],9	8	[15],16,18		
RPNEF3	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
RQDTKD	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8,8	15,16,18		
RUFK4R	GlobalFiler™					
	12,15	17,25	10,11,11.3,14	15,16,17		11,12
	3e	11,12	10,12,16		13,16	21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	10,11	20,21.2,22	
	17,27.2,28.2	6,9	8	16,18		
RV9Q2H	Investigator® 24plex					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22	
	17,20,27.2,28.2	6,9	8	15,16,18		

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

RWM3Y2	GlobalFiler™						
	12,15,[16,18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]	
	3e	[10],11,12	10,12,[16]		13,16,[17]	[20],21,22	
	9,12,[13]	10,12		[12],17	12,[13],15		
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]		
	17,[27.2],28.2	[6],9	8	[15],16,18			
RWZJ6M	GlobalFiler™						
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	NA	11,12	
	3e	NA	10,11,12	10,12,16	NA	13,16,17	20,21,22
	9,12,13	10,12	NA	12,17	12,13,15	NA	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	NA	
	NA	17,20,27.2,28.2	6,9	8	15,16,18		
RYD46P	GlobalFiler™						
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12	
	3e	10,11,12	10,12,16		13,16,17	20,21,22	
	9,12,13	10,12		12,17	12,13,15		
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23		
	17,20,27.2,28.2	6,9	8	15,16,18			
RZG24J	GlobalFiler™						
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]	
	3e	[10],11,12	10,12,[16]		13,16,[17]	[20],21,22	
	9,12,[13]	10,12		[12],17	12,[13],15		
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]		
	17,[20],[27.2],28.2	[6],9	8	[15],16,18			
T2CYZX	PowerPlex® Fusion 6C						
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12	
	3e	10,11,12	10,12,16		13,16,17	20,21,22	
	9,12,13	10,12		12,17	12,13,15		
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13	
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18		
T2Y9DM	GlobalFiler™						
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12	
	3e	10,11,12	10,12,16		13,16,17	20,21,22	
	9,12,13	10,12		12,17	12,13,15		
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23		
	17,20,27.2,28.2	6,9	8	15,16,18			
T32AN6	GlobalFiler™						
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12	
	3e	10,11,12	10,12,16		13,16,17	20,21,22	
	9,12,13	10,12		12,17	12,13,15		
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23		
	17,20,27.2,28.2	6,9	8	15,16,18			

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 3e - STR Results

T6U322	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21,2,22,23	
	17,20,27,2,28.2	6,9	8	15,16,18		
T8VZHV	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11,3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21,2,22,23	
	17,20,27,2,28.2	6,9	8	15,16,18		
T9WZJW	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11,3,14	15,16,17,18	NA	11,12
	3e	NA	10,11,12	10,12,16	NA	13,16,17
	9,12,13	10,12	NA	12,17	12,13,15	NA
	29,31,31.2	12,15	X,Y	9,10,11	20,21,2,22,23	9,10,12,13
	7,11,12	17,20,27,2,28.2	6,9	8	15,16,18	
TA6A88	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11,3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21,2,22,23	
	17,20,27,2,28.2	6,9	8	15,16,18		
TC8B7J	Identifiler® Plus					
	-	17,19,25	-	15,16,17,18	-	11,12
	3e	10,11,12	10,12,16	-	-	-
	9,12,13	10,12	-	12,17	12,13,15	-
	29,31,31.2	-	X,Y	9,10,11	20,21,2,22,23	-
	-	6,9	8	15,16,18		
TDP2UV	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11,3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21,2,22,23	
	17,20,27,2,28.2	6,9	8	15,16,18		
TFCGDQ	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11,3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21,2,22,23	
	17,20,27,2,28.2	6,9	8	15,16,18		

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

TLLVRU	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
TLUAYA	Identifiler® Plus					
		17,19,25		15,16,17,18		11,12
3e		10,11,12	10,12,16			
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2		X,Y	9,10,11	20,21.2,22,23	
			6,9	8,8	15,16,18	
TPX2T9	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
TQCC4U	PowerPlex® Fusion 6C,16					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
3e		[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,[11],12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	[9],[10],12,13
	7,[11],[12]	17,[20],[27.2],28.2	[6],9	8	[15],16,[17],18	
TQZDFR	Investigator® 24plex QS					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
TR9N4U	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	[9],10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
TTDETV	PowerPlex® Fusion 6C					
	12,15,[16]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
3e		11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	[9],[10],12,13
	7,[12]	17,[20],[27.2],28.2	[6],9	8	[15],16,18	

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

TUDBKE	PowerPlex® 16 HS, ESX17					
	12,15	17,25	10,11.3	15,17		11
3e		11,12	10,12		13,16	21,22
	9,12	10,12		17	12,15	
	29,31.2	12,15	X,Y		21.2,22	
	7	17,28.2	9	8	16,18	
TUYP8W	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
TV3LDT	Identifiler® Plus, PowerPlex® FUSION					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
3e		[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],32	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	[9],[10],12,13
	7,[11],[12]		[6],9	8	[15],16,18	
TX3YQJ	Identifiler® Plus, GlobalFiler™, Investigator® 24plex					
	12,15,16,18.3	17,19,25	10,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
TXBTUR	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
TY6MKW	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
U9BNKM	GlobalFiler™, ForenSeq™					
	12,15,[16],18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,11,[12]
3e		[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17,17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
		17,[20,27.2],28.2	[6],9,9	8,8	[15],16,18	

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

U9TXAH	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
UAGFXG	GlobalFiler™					
	12,15,[16]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]	-	11,[12]
3e	-	[10],11,12	10,12,[16]	-	13,16,[17]	[20],21,22
	9,12,[13]	10,12	-	[12],17	12,[13],15	-
	29,[31],31.2	12,15	X,Y	10,11	[20],21.2,22,[23]	-
	-	17,[20],[27.2],28.2	[6],9	8	[15],16,18	
UFJH3G	GlobalFiler™					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
3e		[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
		17,[20],[27.2],28.2	[6],9	8	[15],16,18	
UGE29P	PowerPlex® Fusion 6C					
	12,15,[18.3]	17,25	10,[11],11.3	15,[16],17,[18]	-	11
3e	-	11,12	10,12	-	13,16,[17]	[20],21,22
	9,12,[13]	10,12	-	[12],17	12,15	-
	29,[31],31.2	12,15	X,Y	10,11	[20],21.2,22,[23]	[9],[10],12,13
	7	17,[27.2],28.2	9	8	[15],16,18	
UGKDXL	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
UKHU3N	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
UM8XZ2	PowerPlex® FUSION					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12		6,9	8	16,18	

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 3e - STR Results

UNM8B3	GlobalFiler™	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]	11,[12]
	3e		[10],11,12	10,12,[16]		[20],21,22
		9,12,[13]	10,12		[12],17	12,[13],15
		29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]
			17,[20],[27.2],28.2	[6],9	8	[15],16,18
UQTJ7V	PowerPlex® Fusion 6C	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	11,12
	3e		10,11,12	10,12,16		13,16,17 20,21,22
		9,12,13	10,12		12,17	12,13,15
		29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23 9,10,12,13
		7,11,12	17,20,27.2,28.2	6,9	8	15,16,18
URQXLN	GlobalFiler™	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	11,12
	3e		10,11,12	10,12,16		13,16,17 20,21,22
		9,12,13	10,12		12,17	12,13,15
		29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23 9,10,12,13
			17,20,27.2,28.2	6,9	8	15,16,18
UU6TXZ	GlobalFiler™	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	11,12
	3e		10,11,12	10,12,16		13,16,17 20,21,22
		9,12,13	10,12		12,17	12,13,15
		29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23 9,10,12,13
			17,20,27.2,28.2	6,9	8	15,16,18
UVEZWL	GlobalFiler™	12,15,[16],18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]	11,[12]
	3e		[10],11,12	10,12,[16]		[20],21,22
		9,12,[13]	10,12		[12],17	12,[13],15
		29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]
			17,[20],27.2],28.2	[6],9	8	[15],16,18
UX7TXW	PowerPlex® Fusion 6C	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	11,12
	3e		10,11,12	10,12,16		13,16,17 20,21,22
		9,12,13	10,12		12,17	12,13,15
		29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23 9,10,12,13
		7,11,12	17,20,27.2,28.2	6,9	8	15,16,18
UYDZCH	Identifiler® Plus, GlobalFiler™, Investigator® 24plex	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	11,12
	3e		10,11,12	10,12,16		13,16,17 20,21,22
		9,12,13	10,12		12,17	12,13,15
		29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23 9,10,12,13
			17,20,27.2,28.2	6,9	8	15,16,18

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 3e - STR Results

V2J63C	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
V2NCRR	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,[INC],16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
V4CRBM	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
V6KV2C	PowerPlex® Fusion 6C					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
	3e	[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	[9],[10],12,13
	7,[11],[12]	17,[20],[27.2],28.2	[6],9	8,8	[15],16,18	
V6ZJVC	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
V937PG	Identifiler® Plus					
		17,25		15,16,17,18		11,12
	3e	10,11,12	10,12			
	9,12,13	10,12		12,17	12,15	
	29,31,31.2		X,Y	9,10,11	21.2,22	
		6,9	8,8	15,16,18		
V93EL8	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11,11
	3e	11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7	17,28.2	9,9	8,8	16,18	



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

VAC7QG	Identifiler® Plus	17,19,25		15,16,17,18		11,12
3e		10,11,12	10,12,16			
		9,12,13	10,12	12,17	12,13,15	
		29,31,31.2	X,Y	9,10,11	20,21.2,22,23	
			6,9	8	15,16,18	
VDEAFH	PowerPlex® Fusion, CS7, PP21, Verifiler EXPRESS					
		12,15	17,25	10,11.3	15,17	11,11
3e		12,14	11,12	10,12		13,16
		9,12	10,12	17,17	12,15	21,22
		29,31.2	12,15	X,Y	10,11	21.2,22
		7,7	9,9	8,8	16,18	
VH84JC	GlobalFiler™					
		12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	11,12
3e			10,11,12	10,12,16		13,16,17
		9,12,13	10,12		12,17	12,13,15
		29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23
			17,20,27.2,28.2	6,9	8	15,16,18
VMNLW2	GlobalFiler™					
		12,15,[16],[18.3]	17,19,25	10,[11],11.3,[14]	15,[16],17,[18]	11,12
3e			[10],11,12	10,12,[16]		13,16,[17]
		9,12,[13]	10,12		[12],17	12,[13],15
		29,31,31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]
			17,[20],[27.2],28.2	[6],9	8	[15],16,18
VN29EF	GlobalFiler™					
		12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	11,12
3e			10,11,12	10,12,16		13,16,17
		9,12,13	10,12	12,17	12,13,15	20,21,22
		29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23
			17,20,27.2,28.2	6,9	8	15,16,18
VRHFU3	GlobalFiler™					
		12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]	11,[12]
3e			[10],11,12	10,12,[16]		13,16,[17]
		9,12,[13]	10,12		12,17	12,[13],15
		29,31,31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]
			17,[19],[20],[27.2],28.2	[6],9	8	[15],16,18
WVFW2	GlobalFiler™					
		12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]	11,[12]
3e			[10],11,12	10,12,[16]		13,16,[17]
		9,12,[13]	10,12		[12],17	12,[13],15
		29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]
			17,[20],[27.2],28.2	[6],9	8	[15],16,18

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 3e - STR Results

WVGQ4U	PowerPlex® Fusion					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
VXLKN8	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
VYUMAR	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
W467YC	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
W4QGAT	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	N/A	11,12
	3e	N/A	10,11,12	10,12,16	N/A	13,16,17
	9,12,13	10,12	N/A	12,17	12,13,15	N/A
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
W7BKD6	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
WB3RYY	PowerPlex® Fusion					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12		6,9	8	15,16,18	

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	
<b>Item 3e - STR Results</b>						
WB9YA8	PowerPlex® Fusion					
	12,15,[16]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
3e		[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22	[9,10],12,13
	7,[11],12]		[6],9	8	[15],16,18	
WCZ3XM	Investigator® 24plex QS					
	12,15,16,18.3,Q	17,19,25,Q	10,11,11.3,14,Q	15,16,17,18,Q		10,11,12,Q
3e		10,11,12,Q	10,11,12,16,Q		13,15,16,17,Q	20,21,22,Q
	9,12,13,Q	10,11,12,Q		12,16,17,Q	12,13,14,15,Q	
	29,31,31.2,Q	12,14,15,Q	X,Y	9,10,11,Q	20,21.2,22,23	
		17,20,27.2,28.2,Q	6,9,Q	8,Q	15,16,17,18,Q	
WD7RQH	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
WHBVDT	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
WJNPZT	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
WK9U2B	GlobalFiler™					
	12,15,[16],18.3	17,19,25	10,11,11.3,14	15,16,17,[18]		11,[12]
3e		10,11,12	10,12,[16]		13,16,[17]	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	[6],9	8	15,16,18	
WLLDX2	Identifiler® Plus					
		17,[19],25		15,[16],17,[18]		11,[12]
3e		[10],11,12	10,12,[16]			
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2		X,Y	[9],10,11	[20],21.2,22,[23]	
			[6],9	8	[15],16,18	

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 3e - STR Results

WLRM6	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
WLTFXM	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8,8	15,16,18		
WVR7B3	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
WYNURA	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8,8	15,16,18		
WZ8E39	Identifiler®, Investigator® 24plex					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
	3e	[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
	17,[20],[27.2],28.2	[6],9	8	[15],16,18		
X68GYK	Identifiler® Plus					
		17,19,25		15,16,17,18		11,12
	3e	10,11,12	10,12,16			
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2		X,Y	9,10,11	20,21.2,22,23	
		6,9	8	15,16,18		
X8ZB2V	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	

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

X8ZBYA	PowerPlex® Fusion					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	10,12,13
	7,11,12		6,9	8,8	15,16,18	
XBPKEH	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
XCBEV4	GlobalFiler™					
	12,15,[16^,18.3^]	17,[19],25	10,[11^],11.3,[14^]	15,[16],17,[18^]		11,[12^]
	3e	[10],11,12	10,12,[16^]		13,16,[17^]	[20^],21,22
	9,12,[13^]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20^],21.2,22,[23^]	
	17,[20^,27.2^],28.2	[6^],9	8	[15^],16,18		
XDM8G6	GlobalFiler™					
	12,15,16,18.3	17,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8,8	15,16,18		
XGANAC	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
XLLMNQ	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
XN6FQT	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	

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 3e - STR Results

XQZ493	PowerPlex® Fusion 6C						
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12	
	3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15		
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13	
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18		
XUC7TX	PowerPlex® ESI 17 Pro, ESX 17						
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18			
	3e			10,12,16		13,16,17	20,21,22
		10,12		12,17	12,13,15		
	29,31,31.2	12,15	X,Y		20,21.2,22,23		
		17,20,27.2,28.2	6,9		15,16,18		
XVRE9E	PowerPlex® Fusion 6C						
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12	
	3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15		
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13	
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18		
XZNYA4	PowerPlex® Fusion 6C						
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12	
	3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15		
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13	
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18		
Y32C2P	PowerPlex® Fusion 6C						
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12	
	3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15		
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13	
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18		
Y3NMZY	GlobalFiler™						
	12,15,18.3	17,19,25	10,11,11.3,14	15,16,17		11,12	
	3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,15		
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23		
		17,20,27.2,28.2	6,9	8	15,16,18		
Y69PR4	PowerPlex® Fusion 6C						
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12	
	3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15		
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13	
	7,11,12	17,20,27.2,28.2	6,9	8,8	15,16,18		

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 3e - STR Results

Y8KBKR	GlobalFiler™					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
	3e	[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
	17,[20],[27.2],28.2	[6],9	8	[15],16,18		
Y8TLA3	GlobalFiler™					
	12,15,(16),(18.3)	17,(19),25	10,(11),11.3,(14)	15,(16),17,(18)		11,(12)
	3e	(10),11,12	10,12,(16)		13,16,(17)	(20),21,22
	9,12,(13)	10,12		(12),17	12,(13),15	
	(28),29,(31),31.2	12,15	X,Y	10,11	(20),21.2,22,(23)	
	17,(20),(27.2),28.2	(6),9	8,8	(15),16,18		
YGKYBN	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		
YLGAX9	PowerPlex® Fusion 6C					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,11,[12]
	3e	[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17,17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	[9],[10],12,13
	7,7,[11],[12]	17,[20],[27.2],28.2	[6],9,9	8,8	[15],16,18	
YQD6C2	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
	17,27.2,28.2	6,9	8	15,16,18		
YQV8D	PowerPlex® Fusion 5C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12		6,9	8	15,16,18	
YR62YB	Investigator® 24plex					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
	3e	10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,14,15	X,Y	9,10,11	20,21.2,22,23	
	17,20,27.2,28.2	6,9	8	15,16,18		

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 3e - STR Results

YTL8HL	Investigator® 24plex QS					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
YVQXLU	GlobalFiler™					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
3e		[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
		17,[20],[27.2],28.2	[6],9	8	[15],16,18	
YWG4YZ	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
YX6PAM	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
YY83JP	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
Z37Z73	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
Z3JKQK	GlobalFiler™					
	12,15,[16],[18.3]	17,19,25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
3e		[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,31,31.2	12,15	X,Y	[9],10,11	20,21.2,22,23	
		17,[20],[27.2],28.2	[6],9	8	[15],16,18	



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

Z3KJYK	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
Z4ANJR	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
Z6PZ64	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11,11
3e		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7	17,28.2	9,9	8,8	16,18	
Z6V63F	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
Z73NP3	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
Z8GTG2	GlobalFiler™					
	12,15,[16],[18.3]	17,19,25	10,[11],11.3,[14]	15,[16],17,[18^]		11,[12]
3e		[10],11,12	10,12,[16]		13,16,[17^]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,31,31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
		17,[20^],[21^],[27.2],28.2	[6],9	8	15,16,18	
Z8QXNH	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	

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 3e - STR Results

Z9UFYF	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
ZBDR9P	PowerPlex® Fusion 6C					
	12,15	17,25	10,11.3	15,17		11,11
3e		11,12	10,12		13,16	21,22
	9,12	10,12		17,17	12,15	
	29,31.2	12,15	X,Y	10,11	21.2,22	12,13
	7,7	17,28.2	9,9	8,8	16,18	
ZBHVD3	PowerPlex® Fusion 5C					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
3e		[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	[9],[10],12,13
	7,[11],[12]		[6],9	8	[15],16,18	
ZF7ME4	PowerPlex® Fusion 6C					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
3e		[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	[9],[10],12,13
	7,[11],[12]	17,[20],[27.2],28.2	[6],9	8,8	[15],16,18	
ZFPLF9	GlobalFiler™					
	12,15,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
ZG299V	Investigator® 24plex					
	12,15,16,18.3	16,17,19,25	10,11,11.3,14	14,15,16,17,18		10,11,12
3e		10,11,12	10,11,12,16		12,13,15,16,17	20,21,22
	9,11,12,13	10,11,12		12,16,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,17,18	
ZHDCBL	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	

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

ZLZTZL	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
ZNGWW6	GlobalFiler™					
	12,15,[16],[18.3]	17,[19],25	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
3e		[10],11,12	10,12,[16]		13,16,[17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	12,15	X,Y	[9],10,11	[20],21.2,22,[23]	
		17,[20],[27.2],28.2	[6],9	8,8	[15],16,18	
ZNMEN3	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	
ZTDM73	PowerPlex® Fusion 6C					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18	-	11,12
3e		10,11,12	10,12,16	-	13,16,17	20,21,22
	9,12,13	10,12	-	12,17	12,13,15	-
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	9,10,12,13
	7,11,12	17,20,27.2,28.2	6,9	8	15,16,18	
ZV3643	GlobalFiler™					
	12,15,16,18.3	17,19,25	10,11,11.3,14	15,16,17,18		11,12
3e		10,11,12	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	12,13,15	
	29,31,31.2	12,15	X,Y	9,10,11	20,21.2,22,23	
		17,20,27.2,28.2	6,9	8	15,16,18	

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 3sp - STR Results

223XT3	PowerPlex® Fusion 6C						
		16,18.3	17,19	11,14	16,18	12	
	3sp		10,11	10,16		13,17	20,22
		9,13	10,12		12	13,15	
		31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16		
224PWP	PowerPlex® 21						
		16,18.3	17,19		16,18	12,12	
	3sp		10,11	10,16		13,17	20,22
		9,13	10,12		12,12	13,15	
		31,31		X,Y	9,11	20,23	9,10
	11,12		6,9	8,8	15,16		
24DJUB	PowerPlex® Fusion 6C						
		16,18.3	17,19	11,14	16,18	12	
	3sp		10,11	10,16		13,17	20,22
		9,13	10,12		12	13,15	
		31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16		
289HY8	Investigator® 24plex						
		16,18.3	17,19	11,14	16,18	12	
	3sp		10,11	10,16		13,17	20,22
		9,13	10,12		12	13,15	
		31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16		
293AMY	GlobalFiler™						
		16,18.3	17,19	11,14	16,18	12	
	3sp		10,11	10,16		13,17	20,22
		9,13	10,12		12	13,15	
		31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16		
2BRGD3	GlobalFiler™						
		16,18.3	17,19	11,14	16,18	12	
	3sp		10,11	10,16		13,17	20,22
		9,13	10,12		12	13,15	
		31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16		
2C62Z7	PowerPlex® Fusion 6C						
		16,18.3	17,19	11,14	16,18	12,12	
	3sp		10,11	10,16		13,17	20,22
		9,13	10,12		12,12	13,15	
		31,31	15,15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8,8	15,16		

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 3sp - STR Results

2GJNWC	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		
2KH9M2	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
2PB7BK	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18	-	12
	3sp	10,11	10,16	-	13,17	20,22
	9,13	10,12	-	12	13,15	-
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
2QJD87	PowerPlex® Fusion					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	9,10
	11,12		6,9	8,8	15,16	
2U3BZ3	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		
2WV49T	GlobalFiler™					
	[12],16,18.3	17,19,[25]	[10],11,[11.3],14	16,18		12
	3sp	10,11,[12]	10,[12],16		13,17	20,22
	9,[12],13	10,12		12,[17]	[12],13,15	
	31	15	X,Y	9,11	20,23	
	[17],20,27.2,[28.2]	6,9	8	15,16,[18]		
2X6BBL	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		

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 3sp - STR Results

2YRZAE	GlobalFiler™					
	16,18.3	17,19	11,14	16,18	Not Tested	12,[-]
	3sp	Not Tested	10,11	10,16	Not Tested	13,17
		9,13	10,12	Not Tested	12	13,15
		31	15	X,Y	9,11*	20,23
	Not Tested	20,27.2*	6,9	8	15,16	Not Tested
2ZQ7K8	Investigator® 24plex					
	16,18.3	17,19	11,14	16,18		12
	3sp		10,11	10,16		13,17
		9,13	10,12		12	13,15
		31	15	X,Y	9,11	20,23
		20,27.2	6,9	8	15,16	
32NNK3	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp		10,11	10,16		13,17
		9,13	10,12		12	13,15
		31	15	X,Y	9,11	20,23
		20,27.2	6,9	8	15,16	
32TFZG	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp		10,11	10,16		13,17
		9,13	10,12		12,12	13,15
		31,31	15,15	X,Y	9,11	20,23
		20,27.2	6,9	8,8	15,16	
344DH6	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp		10,11	10,16		13,17
		9,13	10,12		12,12	13,15
		31,31	15,15	X,Y	9,11	20,23
		20,27.2	6,9	8,8	15,16	
37BNFU	Investigator® 24plex					
	16,18.3	17,19	11,14	16,18		12
	3sp		10,11	10,16		13,17
		9,13	10,12		12	13,15
		31	15	X,Y	9,11	20,23
		20,27.2	6,9	8	15,16	
39KJHZ	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp		10,11	10,16		13,17
		9,13	10,12		12,12	13,15
		31,31	15,15	X,Y	9,11	20,23
		20,27.2	6,9	8,8	15,16	

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 3sp - STR Results

39MBAG	Investigator® 24plex QS					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		
3C3HXG	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		
3CG683	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
3CXCBY	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		
3H7MJT	GlobalFiler™					
	16,18.3	17,19	11,14	16,18	NT	12,12
	3sp	10,11	10,16	NT	13,17	20,22
	9,13	10,12	NT	12,12	13,15	NT
	31,31	15,15	X,Y	9,11	20,23	NT
	20,27.2	6,9	8,8	15,16		
3LM74N	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	9,10
	20,27.2	6,9	8,8	15,16		
3LQJ8Y	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		

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 3sp - STR Results

3LU2CP	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16,[17]*		
3LUYMK	PowerPlex® Fusion 5C					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	9,10
	11,12	6,9	8,8	15,16		
3VNJEV	PowerPlex® Fusion 5C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	6,9	8	15,16		
3X33HR	Identifiler® Plus					
		17,19		16,18		12,12
	3sp	10,11	10,16			
	9,13	10,12		12,12	13,15	
	31,31		X,Y	9,11	20,23	
		6,9	8,8	15,16		
3XJ4H9	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
3YYBXX	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		
446BU2	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		



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 3sp - STR Results

44Z46Y	PowerPlex® Fusion					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12		6,9	8	15,16	
4787AH	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
47MPUF	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
482WDC	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
48WN34	Identifiler® Plus					
		17,19		16,18		12
	3sp	10,11	10,16			
	9,13	10,12		12	13,15	
	31		X,Y	9,11	20,23	
			6,9	8	15,16	
4D9KTY	PowerPlex® Fusion 5C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12		6,9	8	15,16	
4JP8G9	PowerPlex® Fusion 5C, Investigator® 24plex					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	INC	6,9	8	15,16	

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	
<b>Item 3sp - STR Results</b>						
4JVD3D	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,[12],13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
4KALMY	PowerPlex® Fusion					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,[13]	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	[7],11,12		6,9	8	15,16	
4KAWT3	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
4KTNZ2	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
4L2QWX	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
4P24FW	Investigator® 24plex					
	16,18.3	17,19	11,14	16,18		12,12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
4PGCCX	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	

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 3sp - STR Results

4XC7VQ	PowerPlex® F6C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
4ZGYPN	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
62BWK3	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8,8	15,16	
63A99H	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,15,16,17		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		
63HJRE	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		
67T46B	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,(17)	20,22
	9,13	(10),12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,(9)	8	15,16		
68AQ7G	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		

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 3sp - STR Results

68ZJAF	GlobalFiler™						
	16,18.3	17,19	11,14	16,18		12	
	3sp		10,11	10,16		13,17	20,22
		9,13	10,12		12	13,15	
		31	15	X,Y	9,11	20,23	
			20,27.2	6,9	8	15,16	
69V2KH	GlobalFiler™						
	16,18.3	17,19	11,14	16,18		12	
	3sp		10,11	10,16		13,17	20,22
		9,13	10,12		12	13,15	
		31	15	X,Y	9,11	20,23	
			20,27.2	6,9	8	15,16	
6ARKDX	PowerPlex® Fusion 6C						
	16,18.3	17,19	11,14	16,18		12	
	3sp		10,11	10,16		13,17	20,22
		9,13	10,12		12	13,15	
		31	15	X,Y	9,11	20,23	9,10
		11,12	20,27.2	6,9	8	15,16	
6BJHUQ	GlobalFiler™						
	16,18.3	17,19	11,14	16,18		12,12	
	3sp		10,11	10,16		13,17	20,22
		9,13	10,12		12,12	13,15	
		31,31	15,15	X,Y	9,11	20,23	
			20,27.2	6,9	8,8	15,16	
6BUMU8	Identifiler® Plus						
		17,19		16,18		12,12	
	3sp		10,11	10,16			
		9,13	10,12		12,12	13,15	
		31,31		X,Y	9,11	20,23	
			6,9		8,8	15,16	
6BUPF6	GlobalFiler™						
	[15],16,18.3	17,19	11,14	16,[17],18	-	12	
	3sp		10,11	10,16	-	13,[16],17	20,22
		9,13	10,12	-	12,[17]	13,15	-
		31	15	X,Y	9,11	20,23	-
		-	20,27.2	6,9	8	15,16	
6CQTGT	GlobalFiler™						
	16,18.3	17,19	11,14	16,18		12,12	
	3sp		10,11	10,16		13,17	20,22
		9,13	10,12		12,12	13,15	
		31,31	15,15	X,Y	9,11	20,23	
			20,27.2	6,9	8,8	15,16	

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 3sp - STR Results

6F89VR	Identifiler® Plus, Investigator® 24plex					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
6FR2PP	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
6K98NK	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
6LEVCA	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
6LJ99X	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
6MCZHJ	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
6MWQCN	Identifiler® Plus, Investigator® 24plex					
	12,15,16,17.3,18.3	16,17,19	10,11,14	15,16,17,18		11,12
3sp		9,10,11	10,15,16		12,13,16,17	19,20,21,22
	9,12,13	9,10,11,12		11,12	12,13,14,15	
	30,31	14,15,16	X,Y	9,10,11	19,20,22,23	
		19,20,26.2,27.2	6,9	8	14,15,16	

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 3sp - STR Results

6TGUDY	PowerPlex® Fusion 5C					
		16,18.3	17,19	10,11,14	16,17,18	11,12
	3sp		10,11	10,16		13,16,17
		9,12,13	10,12		12	13,15
		29,31,31.2	15	X,Y	9,11	20,23
		11,12		6,9	8	15,16
6V68W3	PowerPlex® Fusion					
		16,18.3	17,19	11,14	16,18	12,12
	3sp		10,11	10,16		13,17
		9,13	10,12		12,12	13,15
		31,31	15,15	X,Y	9,11	20,23
		11,12		6,9	8,8	15,16
6WHX78	GlobalFiler™					
		16,18.3	17,19	11,14	16,18	12,12
	3sp		10,11	10,16		13,17
		9,13	10,12		12,12	13,15
		31,31	15,15	X,Y	9,11	20,23
			20,27.2	6,9	8,8	15,16
6XCJZX	GlobalFiler™					
		16,18.3	17,19	11,14	16,18	12
	3sp		10,11	10,16		13,17
		9,13	10,12		12	13,15
		31	15	X,Y	9,11	20,23
			20,27.2	6,9	8	15,16
6ZZ8DY	PowerPlex® Fusion 6C					
		16,18.3	17,19	11,14	16,18	12
	3sp		10,11	10,16		13,17
		9,13	10,12		12	13,15
		31	15	X,Y	9,11	20,23
		11,12	20,27.2	6,9	8	15,16
72TEYM	GlobalFiler™					
		16,18.3	17,19	11,14	16,18	12,12
	3sp		10,11	10,16		13,17
		9,13	10,12		12,12	13,15
		31,31	15,15	X,Y	9,11	20,23
			20,27.2	6,9	8,8	15,16
76TN6J	PowerPlex® Fusion 6C					
		16,18.3	17,19	11,14	16,18	12
	3sp		10,11	10,16		13,17
		9,13	10,12		12	13,15
		31	15	X,Y	9,11	20,23
		11,12	20,27.2	6,9	8	15,16

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	
<b>Item 3sp - STR Results</b>						
78TRTJ	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12,12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8,8	15,16	
799VTH	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
79BMKY	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
7D6JGP	PowerPlex® ESX 16					
	16,18.3	17,19	11,14	16,18		
3sp			10,16		13,17	20,22
		10,12		12	13,15	
	31	15,15	X,Y		20,23	
			6,9		15,16	
7EDXH4	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
7EFLVN	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
7FPT7G	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	

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 3sp - STR Results

7HFUAJ	PowerPlex® 6C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
7L89C8	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
7MKNUE	GlobalFiler™					
	16,18.3	17,19,[25]	11,[11.3],14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		[17],20,27.2	6,9	8	15,16,[18]	
7R22YN	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
7TWHD7	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
7X7QJ2	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8,8	15,16	
7X7T4Y	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	



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 3sp - STR Results

7XLA4Y	PowerPlex® Fusion					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
7XQEZB	Investigator® 24plex QS					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
7ZU8N3	GlobalFiler™					
	[15],16,18.3	17,19	11,[11.3],14	16,18		12,12
	3sp	10,11,[12]	10,[12],16		13,17	20,[21],22
	9,[12],13	10,12		12,12	13,15	
	31,31	[12],15,15	X,Y	9,11	20,[22],23	
		[17],20,27.2	6,9	8,8	15,16	
82NEDD	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
84DQBX	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
84QDHY	PowerPlex® Fusion					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	9,10
	11,12		6,9	8,8	15,16	
88AABV	Identifiler®					
		17,19		16,18		12,12
	3sp	10,11	10,16			
	9,13	10,12		12,12	13,15	
	31,31		X,Y	9,11	20,23	
		6,9	8,8	15,16		

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 3sp - STR Results

89JEKD	PowerPlex® Fusion					
	16,18.3	17,19	11,14	16,18		13
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12		6,9	8	15,16	
8BMA8M	GlobalFiler™					
	16,18.3	17,19	11,14	16,18	N/A	12,12
	3sp	10,11	10,16	N/A	13,17	20,22
	9,13	10,12	N/A	12,12	13,15	N/A
	31,31	15,15	X,Y	9,11	20,23	N/A
	N/A	20,27.2	6,9	8,8	15,16	
8CMWE2	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8,8	15,16	
8D3CHG	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
8EMJEH	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8,8	15,16	
8GCMBW	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
8LRZ8D	PowerPlex® FUSION					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12		6,9	8	15,16	

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 3sp - STR Results

8MTWVF	PowerPlex® FUSION 6C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
8N2A4V	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
8NFD6M	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
8PMWQC	GlobalFiler™					
	16,18.3	17,19	11,14	16,18	N/T	12,12
	3sp	N/T	10,11	10,16	N/T	20,22
	9,13	10,12	N/T	12,12	13,15	N/T
	31,31	15,15	X,Y	9,11	20,23	N/T
	N/T	20,27.2	6,9	8,8	15,16	
8Q2FEF	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
8TTBGG	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
8UPYRY	GlobalFiler™					
	15,16,18.3	17,19	10,11,11.3,14	15,16,17,18		11,12
	3sp	10,11,12	10,12,16		13,16,17	20,21,22
	9,13	10,12		12,17	12,13,15	
	29,31	15	X,Y	9,11	20,21.2,22,23	
		20,27.2	6,9	8	15,16	

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	
<b>Item 3sp - STR Results</b>						
942E3D	Identifiler® Plus, PowerPlex® Fusion 5C					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12		6,9	8	15,16	
948NYJ	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
96E7WE	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
96ZKPD	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
9792AP	Identifiler® Plus					
		17,19		16,18		12
3sp		10,11	10,16			
	9,13	10,12		12	13,15	
	31		X,Y	9,11	20,23	
			6,9	8	15,16	
97FQ7N	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
9EUTA6	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	

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 3sp - STR Results

9JL2FW	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
9P6FWV	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		
9PJN4B	Identifiler® Plus					
		17,19		16,18		12
	3sp	10,11	10,16			
	9,13	10,12		12	13,15	
	31		X,Y	9,11	20,23	
		6,9	8	15,16		
9QYY6N	Identifiler® Plus, Investigator® 24plex					
	15,16,17,3,18.3	16,17,18,19	10,11,13,14	15,16,17,18		11,12
	3sp	9,10,11	9,10,15,16		12,13,16,17	19,20,21,22
	9,12,13	9,10,11,12		11,12	12,13,14,15	
	29,30,31,32	14,15,16	X,Y	9,10,11	19,20,22,23	
	19,20,26.2,27.2	6,8,9	7,8	14,15,16		
9RCH3Z	PowerPlex® Fusion					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	6,9	8	15,16		
9RCMGN	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		
9RGY6K	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		

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	
<b>Item 3sp - STR Results</b>						
9YDU64	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
A2HQCX	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12,12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8,8	15,16	
A323DM	Identifiler® Plus, GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
A36LKY	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,[17]	13,15	
	31,[31.2]	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
A42YBD	PowerPlex® Fusion 5C					
	16,18.3	17,19	11,14	16,18		12,12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	9,10
	11,12		6,9	8,8	15,16	
A76UQU	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
A7P9GT	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	

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	
<b>Item 3sp - STR Results</b>						
A8P8RE	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
AAMRJQ	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,[12],16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
ABEYF9	PowerPlex® Fusion 5C, GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8,8	15,16	
ABV7J6	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
ACWUD3	Investigator® 24plex					
	16,18.3	17,19	11,14	16,18		12,12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
ADUCBC	PowerPlex® Fusion					
	16,18.3	17,19	11,14	16,18		12,12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	9,10
	11,12		6,9	8,8	15,16	
AFV4LJ	Investigator® 24plex					
	16,18.3	17,19	11,14	16,18	NA	12,12
3sp	NA	10,11	10,16	NA	13,17	20,22
	9,13	10,12	NA	12,12	13,15	NA
	31,31	15,15	X,Y	9,11	20,23	NA
	NA	20,27.2	6,9	8,8	15,16	

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 3sp - STR Results

AVRK9W	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8,8	15,16	
B429MU	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8,8	15,16	
B8W62M	PowerPlex® Fusion					
	16,18.3	17,19	11,[14]	16,18		12
	3sp	10	10,16		13,17	20,22
	9,[12,13]	10,12		12	13,[15]	
	31	15	X,Y	9,11	[20],23	[9],10
	11,[12]	6,9	8	15,[16]		
B9YLTT	GlobalFiler™					
	16,18.3	17,19	11,14	16,18	-	12,12
	3sp	-	10,11	10,16	-	13,17
	9,13	10,12	-	12,12	13,15	-
	31,31	15,15	X,Y	9,11	20,23	-
	-	20,27.2	6,9	8,8	15,16	
BE2QPH	GlobalFiler™					
	[12],16,18.3	17,19	11,[11.3],14	16,[17],18		[11],12
	3sp	10,11	10,16		13,[16],17	20,22
	9,[12],13	10,12		12,[17]	13,15	
	[29],31	[12],15	X,Y	9,11	20,[21.2],23	
	20,27.2	6,9	8	15,16		
BG8C84	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		
BGRUBX	GlobalFiler™					
	15,16,18.3	17,19,25	11,11.3,14	15,16,17,18		11,12
	3sp	10,11	10,12,16		13,16,17	20,22
	9,12,13	10,12		12,17	12,13,15	
	29,31	12,15	X,Y	9,10,11	20,23	
	17,20,27.2,28.2	6,9	8	15,16,18		



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 3sp - STR Results

BHZZKT	Identifiler® Plus					
		17,19		16,18		12,12
3sp		10,11	10,16			
		9,13	10,12		12,12	13,15
		31,31		X,Y	9,11	20,23
			6,9	8,8		15,16
BJTZLP	GlobalFiler™					
		16,18.3	17,19	11,14	16,18	12
3sp		10,11	10,16			13,17
		9,13	10,12		12	13,15
		31	15	X,Y	9,11	20,23
		20,27.2	6,9	8		15,16
BJWHPF	GlobalFiler™					
		16,18.3	17,19	11,14	16,18	12,[13]
3sp		10,11	10,16			20,22,[23]
		9,13	10,12		12	13,15
		31	15	X,Y	9,11	20,23
		20,27.2	6,9	8		15,16
BL22NW	GlobalFiler™					
		16,18.3	17,19	11,14	16,18	12,12
3sp		10,11	10,16			20,22
		9,13	10,12		12,12	13,15
		31,31	15,15	X,Y	9,11	20,23
		20,27.2	6,9	8,8		15,16
BL2766	PowerPlex® Fusion					
		16,18.3	17,19	11,14	16,18	12
3sp		10,11	10,16			20,22
		9,13	10,12		12	13,15
		31	15	X,Y	9,11	20,23
		11,12		6,9	8	15,16
BMUYW3	Identifiler® Plus					
		-	17,19	-	16,18	-
3sp		-	10,11	10,16	-	-
		9,13	10,12	-	12	13,15
		31	-	X,Y	9,11	20,23
		-	-	6,9	8	15,16
BN64CR	PowerPlex® Fusion 6C					
		16,18.3	17,19	11,14	16,18	-
3sp		-	10,11	10,16	-	13,17
		9,13	10,12	-	12	13,15
		31	15	X,Y	9,11	20,23
		11,12	20,27.2	6,9	8	15,16

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 3sp - STR Results

BPX2QX	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
BTZR2J	Identifiler® Plus, PowerPlex® Y23					
	17,19			16,18		12,12
	3sp	10,11	10,16			
	9,13	10,12		12,12	13,15	
	31,31		X,Y	9,11	20,23	
		6,9	8,8	15,16		
BXGZPJ	Investigator® 24plex QS, MiniFiler					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
C2CA7Q	GlobalFiler™ Casework					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
C2PQ4P	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		
C3HUR6	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		
C3XVNZ	Identifiler® Plus					
	17,19			16,18		12,12
	3sp	10,11	10,16			
	9,13	10,12		12,12	13,15	
	31,31		X,Y	9,11	20,23	
		6,9	8,8	15,16		

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	
<b>Item 3sp - STR Results</b>						
C4ZR9W	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
C6BK2Q	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
C8AYJ9	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	[29],31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
CA3QPD	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
CBYEZW	GlobalFiler™					
	16,18.3	17,19	11,14	16,18	-	12,12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	-
	31,31	15,15	X,Y	9,11	20,23	-
	-	20,27.2	6,9	8,8	15,16	
CDDZGH	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
CEG8AQ	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	

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 3sp - STR Results

CEU7VL	PowerPlex® Fusion 5C, GlobalFiler™, Investigator® 24plex					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
CGLXG7	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		
CGNLQH	Investigator® 24plex QS					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
CJU8EH	Investigator® 24plex QS					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
CLBG9M	PowerPlex® Fusion 5C, Fusion 6C, Investigator® 24plex					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
CLQYAB	Identifiler® Plus					
		17,19		16,18		12
	3sp	10,11	10,16			
	9,13	10,12		12	13,15	
	31		X,Y	9,11	20,23	
		6,9	8	15,16		
CM3Q2P	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		

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 3sp - STR Results

CTBUBC	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		
CTJW7Q	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
D3FJAR	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
D7VW79	PowerPlex® Fusion					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	6,9	8	15,16		
D87W7A	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		
DBAKRQ	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
DC3DRG	Investigator® 24plex					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		

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 3sp - STR Results

DCM286	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		
DDJKXX	PowerPlex® F6C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
DNZ92K	PowerPlex® Fusion 6C, GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
DP7N9B	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,[17]	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		
DPNUAL	PowerPlex® Fusion 5C					
	12,15,[16,18.3]	17,[19,25]	10,[11],11.3,[14]	15,[16],17,[18]		11,[12]
	3sp	[10],11,[12]	10,12,[16]		13,[16,17]	[20],21,22
	9,12,[13]	10,12		[12],17	12,[13],15	
	29,[31],31.2	[12],15	X,Y	[9],10,11	[20],21.2,22,[23]	[9,10],12,13
	7,[11,12]	[6],9	8	[15],16,18		
DUZMM7	Identifiler® Plus					
		17,19		16,18		12
	3sp	10,11	10,16			
	9,13	10,12		12	13,15	
	31		X,Y	9,11	20,23	
		6,9	8	15,16		
DVUG9G	Investigator® 24plex					
	15,16,17.3,18.3	16,17,18,19	11,14	15,16,17,18		11,12
	3sp	10,11	9,10,15,16		12,13,16,17	19,20,21,22
	9,13	9,10,11,12		11,12	12,13,14,15	
	30,31	12,14,15,16	X,Y	9,10,11	19,20,22,23	
	19,20,26.2,27.2	6,9	7,8	14,15,16		

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 3sp - STR Results

DXQTCW	GlobalFiler™						
	16,18.3	17,19	11,14	16,18	-	12,12	
	3sp	-	10,11	10,16	-	13,17	20,22
	9,13	10,12	-	12,12	13,15	-	
	31,31	15,15	X,Y	9,11	20,23	-	
	-	20,27.2	6,9	8,8	15,16		
E44E8K	Identifiler® Plus						
		17,19		16,18		12,12	
	3sp	10,11	10,(15),16				
	9,13	10,12		12,12	13,15		
	31,31		X,Y	9,11	20,23		
			6,9	8,8	15,16		
E4NWP9	GlobalFiler™						
	12,16,18.3	17,19	11,14	16,18		12	
	3sp	10,11	10,12,16		13,17	20,22	
	9,13	10,12		12,17	13,15		
	31	12,15	X,Y	9,11	20,23		
		20,27.2,28.2	6,9	8	15,16		
E67RGM	PowerPlex® Fusion 6C						
	16,18.3	17,19	11,14	16,18		12	
	3sp	10,11	10,16		13,17	20,22	
	9,13	10,12		12	13,15		
	31	15	X,Y	9,11	20,23	9,10	
	11,12	20,27.2	6,9	8	15,16		
E6LDLJ	PowerPlex® 6C, GlobalFiler™						
	16.3,18.3	17,19	11,14	16,[17],18		12	
	3sp	10,11	10,[12],[15],16,[17]		13,[15],17	20,22	
	9,13	10,12		12,[17]	13,15		
	31,[32]	15	X,Y	9,11	20,23,[24]	9,10,[13]	
	11,12	20,27.2,[28.2]	6,9	8	15,16		
E8MA77	PowerPlex® Fusion 5C						
	16,18.3	17,19	11,14	16,18		12	
	3sp	10,11	10,16		13,17	20,22	
	9,13	10,12		12	13,15		
	31	15	X,Y	9,11	20,23	9,10	
	11,12		6,9	8	15,16		
E8MEQL	PowerPlex® Fusion 6C						
	16,18.3	17,19	11,14	16,18		12	
	3sp	10,11	10,16		13,17	20,22	
	9,13	10,12		12	13,15		
	31	15	X,Y	9,11	20,23	9,10	
	11,12	20,27.2	6,9	8	15,16		

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 3sp - STR Results

EGWMJU	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		
EJMNMW	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
EKC9AF	Identifiler® Plus					
		17,19		16,18		12,12
	3sp	10,11	10,16			
	9,13	10,12		12,12	13,15	
	31,31		X,Y	9,11	20,23	
		6,9	8,8	15,16		
EP86PL	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
EQYWX7	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		
ETP4BF	PowerPlex® 5C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	[29],31	15	X,Y	9,11	20,23	9,10
	11,12		6,9	8	15,16,[18]	
EVTV7A	Identifiler® Plus					
		17,19		(15),16,18		12,12
	3sp	10,11	10,16			
	9,13	10,12		12,12	13,(14.2),15	
	(30),31,31		X,Y	9,11	20,23	
		6,9	8,8	15,16		



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	
<b>Item 3sp - STR Results</b>						
EVWF4Q	GlobalFiler™					
	16,18.3	17,19,(25)	11,(11.3),14	16,18		12,12
	3sp	10,11,(12)	10,(12),16		13,17	20,22
	9,(12),13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
EXV34T	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
F2W8QD	Investigator® 24plex					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
F2X3N	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
F3LMR9	PowerPlex® Fusion					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	6,9	8	15,16		
F4773M	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
F6R7UB	PowerPlex® F6C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	

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 3sp - STR Results

FA8F6U	GlobalFiler™					
	[12],[15],16,18.3	17,19,[25]	11,[11.3],14	16,[17],18		[11],12
	3sp	10,11,[12]	10,[12],16		13,[16],17	20,[21],22
	9,13	10,12		12,[17]	13,15	
	[29],31,[31.2]	[12],15	X,Y	9,11	20,[21.2],23	
		[17],20,27.2,[28.2]	6,9	8	15,16,[18]	
FAAA27	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
FEPHP7	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
		20,27.2	6,9	8	15,16	
FHG8BH	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
FJTM3X	Identifiler® Plus					
		17,19		16,18		12
	3sp	10,11	10,16			
	9,13	10,12		12	13,15	
	31		X,Y	9,11	20,23	
			6,9	8	15,16	
FKFTT4	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
FKFVH9	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
		20,27.2	6,9	8	15,16	

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 3sp - STR Results

FKQX2L	PowerPlex® Fusion 6C						
		16,18.3	17,19	11,14	16,18	12	
	3sp		10,11	10,16		13,17	20,22
		9,13	10,12		12	13,15	
		31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16		
FLN7A7	PowerPlex® Fusion 6C						
		16,18.3	17,19	11,14	16,18	12	
	3sp		10,11	10,16		13,17	20,22
		9,13	10,12		12	13,15	
		31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16		
FLYAF3	PowerPlex® Fusion 5C						
		16,18.3	17,19	11,14	16,18	12	
	3sp		10,11	10,16		13,17	20,22
		9,13	10,12		12	13,15	
		31	15	X,Y	9,11	20,23	9,10
	11,12		6,9	8	15,16		
FMCLCL	Identifiler® Plus						
			17,19		16,18	12	
	3sp		10,11	10,16			
		9,13	10,12		12	13,15	
		31		X,Y	9,11	20,23	
			6,9	8	15,16		
FMTV9T	GlobalFiler™						
		16,18.3	17,19	11,14	16,18	12,12	
	3sp		10,11	10,16		13,17	20,22
		9,13	10,12		12,12	13,15	
		31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16		
FVNVLZ	GlobalFiler™						
		16,18.3	17,19	11,14	16,18	12	
	3sp		10,11	10,16		13,17	20,22
		9,13	10,12		12	13,15	
		31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16		
FXGPMB	PowerPlex® F6C						
		16,18.3	17,19	11,14	16,18	12,12	
	3sp		10,11	10,16		13,17	20,22
		9,13	10,12		12,12	13,15	
		31,31	15,15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8,8	15,16		

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 3sp - STR Results

FXVBWC	PowerPlex® Fusion 6C						
		16,18.3	17,19	11,14	16,18	12	
	3sp		10,11	10,16		13,17	20,22
		9,13	10,12		12	13,15	
		31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16		
FZKHGA	PowerPlex® Fusion 6C						
		16,18.3	17,19	11,14	16,18	12	
	3sp		10,11	10,16		13,17	20,22
		9,13	10,12		12	13,15	
		31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16		
G3J6KX	PowerPlex® Fusion 6C						
		16,18.3	17,19	11,14	16,18	12	
	3sp		10,11	10,16		13,17	20,22
		9,13	10,12		12	13,15	
		31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16		
G4LNZ2	Investigator® 24plex QS						
		16,18.3	17,19	11,14	16,18	12	
	3sp		10,11	10,16		13,17	20,22
		9,13	10,12		12	13,15	
		31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16		
G6AEKQ	GlobalFiler™						
		16,18.3	17,19	11,14	16,18	12	
	3sp		10,11	10,16		13,17	20,[21],22
		9,13	10,12		12	13,15	
		31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16		
G9PRG8	PowerPlex® 16						
					16,18	12	
	3sp		10,11	10,16			
		9,13	10,12		12		
		31		X,Y	9,11	20,23	9,10
	11,12		6,9	8	15,16		
GAQPNM	GlobalFiler™						
		16,18.3	17,19	11,14	16,18	12,12	
	3sp		10,11	10,16		13,17	20,22
		9,13	10,12		12,12	13,15	
		31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16		

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 3sp - STR Results

GAZQFM	Identifiler® Plus					
		17,19		16,18		12,12
3sp		10,11	10,16			
	9,13	10,12		12,12	13,15	
	31,31		X,Y	9,11	20,23	
			6,9	8,8	15,16	
GCE2YZ	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
GD8YTD	Investigator® 24plex					
	16,18.3	17,19	11,14	16,18	NA	12,12
3sp	NA	10,11	10,16	NA	13,17	20,22
	9,13	10,12	NA	12,12	13,15	NA
	31,31	15,15	X,Y	9,11	20,23	NA
	NA	20,27.2	6,9	8,8	15,16	
GEUWNX	GlobalFiler™					
	16,18.3	17,19	11,14	16,18	Not Tested	12
3sp	Not Tested	10,11	10,16,[-]	Not Tested	13,17	20,22
	9,13	10,12	Not Tested	12,[17]*	13,15	Not Tested
	31,[31.2]*	15	X,Y	9,11	20,23	Not Tested
	Not Tested	[17],20,27.2,[-]*	6,9	8	15,16,[-]	
GFVN9Y	PowerPlex® Fusion 5C					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12		6,9	8	15,16	
GHLR27	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
GL28CJ	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	

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 3sp - STR Results

GNNYJU	GlobalFiler™					
	16,18.3	17,19	11,14	16,17,18		12
	3sp	10,11	10,15,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		
GQP23P	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
GT3AYJ	Investigator® 24plex					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		
GW3KQD	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,[15],16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2,[28.2]	6,9	8	15,16		
GXR2ND	Investigator® 24plex QS					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		
GY94LD	Identifiler® Plus					
		17,19		16,18		12,12
	3sp	10,11	10,16			
	9,13	10,12		12,12	13,15	
	31,31		X,Y	9,11	20,23	
		6,9	8,8	15,16		
H2RE3P	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		

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 3sp - STR Results

H4BNWM	PowerPlex® Fusion 6C						
	16,18.3	17,19	11,14	16,18		12	
	3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15		
	31	15	X,Y	9,11	20,23	9,10	
	11,12	20,27.2	6,9	8	15,16		
H4UJC4	PowerPlex® Fusion						
	16,18.3	17,19	11,14	16,18		12,12	
	3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15		
	31,31	15,15	X,Y	9,11	20,23	9,10	
	11,12		6,9	8,8	15,16		
H8JPA8	PowerPlex® Fusion 6C						
	16,18.3	17,19	11,14	16,18		12	
	3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15		
	31	15	X,Y	9,11	20,23	9,10	
	11,12	20,27.2	6,9	8	15,16		
H97M37	PowerPlex® Fusion 6C						
	16,18.3	17,19	11,14	16,18		12	
	3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15		
	31	15	X,Y	9,11	20,23	9,10	
	11,12	20,27.2	6,9	8	15,16		
HACW7W	PowerPlex® 16 HS, ESX17 (Promega)						
	16,18.3	17,19	11,14	16,18		12,12	
	3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15		
	31,31	15,15	X,Y	9,11	20,23	9,10	
	11,12	20,27.2	6,9	8,8	15,16		
HD6L4B	GlobalFiler™						
	16,18.3	17,19	11,14	16,18		12,12	
	3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15		
	31,31	15,15	X,Y	9,11	20,23		
		20,27.2	6,9	8,8	15,16		
HDKZ6E	GlobalFiler™						
	16,18.3	17,19	11,14	16,18		12,12	
	3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15		
	31,31	15,15	X,Y	9,11	20,23		
		20,27.2	6,9	8,8	15,16		

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 3sp - STR Results

HDMUY7	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
HF7U4F	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
HJAD9M	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
HN3N2D	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
HQQATN	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	9,10
		11,12	20,27.2	6,9	8,8	15,16
HRX97H	Identifiler® Plus					
		17,19		16,18		12,12
	3sp	10,11	10,16			
	9,13	10,12		12,12	13,15	
	31,31		X,Y	9,11	20,23	
			6,9	8,8	15,16	
HVD4LF	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	



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 3sp - STR Results

HYPL97	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
HZV7QY	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
J33QEE	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
JFLGYM	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8,8	15,16	
JGY4JM	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8,8	15,16	
JGZRYT	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,[21],22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
JH96D9	PowerPlex® Fusion					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	

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 3sp - STR Results

JHQ3HT	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,17	13,15	
	31	15	X,Y	9,11	20,23	9,10,13
	11,12	20,27.2	6,9	8	15,16	
JJMGDE	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		
JJP6MQ	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
JL4X74	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		
JLA4UT	Investigator® 24plex					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
JNYBEP	Investigator® 24plex					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
JPV27Q	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	

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 3sp - STR Results

JQK62H	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
JRV44E	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
JVP7KY	Identifiler® Plus					
		17,19		16,18		12,12
	3sp	10,11	10,16			
	9,13	10,12		12,12	13,15	
	31,31		X,Y	9,11	20,23	
		6,9	8,8	15,16		
JrJU3U	PowerPlex® Fusion					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	9,10
	11,12	6,9	8,8	15,16		
JX9NEL	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
JZND3	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
K3C8Q4	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8,8	15,16	

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	
<b>Item 3sp - STR Results</b>						
K3D63Z	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
K46ZLM	PowerPlex® Fusion					
	16,18.3	17,19	11,14	16,18		12
		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	6,9	8	15,16		
K62FZK	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
KC4GGM	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12,12
		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8,8	15,16	
KCX97D	Identifiler® Plus, GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
KGRCXC	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		
KGUXMK	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		

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	
<b>Item 3sp - STR Results</b>						
KGXPK9	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp					
		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
KKETHQ	Identifiler® Plus					
		17,19		16,18		12
	3sp					
		10,11	10,16			
	9,13	10,12		12	13,15	
	31		X,Y	9,11	20,23	
		6,9	8	15,16		
KLHREQ	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
	3sp					
		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
KT4Q2J	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12,12
	3sp					
		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8,8	15,16	
KTNDCL	PowerPlex® Fusion					
	16,18.3	17,19	11,14	16,18		12,12
	3sp					
		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	9,10
	11,12		6,9	8,8	15,16	
KTZXDJ	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp					
		10,11	10,16		13,17	20,22
	9,13	10,12		12,17	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
KUJWF9	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
	3sp					
		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	

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		
<b>Item 3sp - STR Results</b>							
KVLVXX	GlobalFiler™						
	16,18.3	17,19	11,14	16,18		12,12	
	3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15		
	31,31	15,15	X,Y	9,11	20,23		
	20,27.2	6,9	8,8	15,16			
KVN MJH	GlobalFiler™						
	16,18.3	17,19	11,14	16,18		12,12	
	3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15		
	31,31	15,15	X,Y	9,11	20,23		
	20,27.2	6,9	8,8	15,16			
KYA7NL	GlobalFiler™						
	16,18.3	17,19	11,14	16,18		12,12	
	3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15		
	31,31	15,15	X,Y	9,11	20,23		
	20,27.2	6,9	8,8	15,16			
L296CJ	GlobalFiler™						
	16,18.3	17,19	11,14	16,18		12,12	
	3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15		
	31,31	15,15	X,Y	9,11	20,23		
	20,27.2	6,9	8,8	15,16			
L4N4YU	GlobalFiler™						
	16,18.3	17,19	11,14	16,18		12	
	3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15		
	31	15	X,Y	9,11	20,23		
	20,27.2	6,9	8	15,16			
L7BVQC	Identifiler® Plus						
		17,19		16,18		12	
	3sp		10,11	10,16			
	9,13	10,12		12	13,15		
	31		X,Y	9,11	20,23		
		6,9	8	15,16			
L8HDML	Investigator® 24plex						
	16,18.3	17,19	11,14	16,18		12,12	
	3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15		
	31	15,15	X,Y	9,11	20,23		
	20,27.2	6,9	8,8	15,16			

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	
<b>Item 3sp - STR Results</b>						
L9UVZZ	GlobalFiler™					
	16,18.3	17,19	11,14	16,18	-	12
3sp	-	10,11	10,16	-	13,17	20,22
	9,13	10,12	-	12	13,15	-
	31	15	X,Y	9,11	20,23	-
	-	20,27.2	6,9	8	15,16	
LDPW4E	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
LJF2X4	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
LL6DZV	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
LMCPEB	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
LMDQ7N	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
LP6JF2	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	

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 3sp - STR Results

LPGFEY	PowerPlex® Fusion					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12		6,9	8	15,16	
LR7M32	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2		6,9	8	15,16	
LT4W86	PowerPlex® 21					
	16,18.3	17,19		16,18		12,12
	3sp	10,11	10,16			20,22
	9,13	10,12		12,12	13,15	
	31,31		X,Y	9,11	20,23	9,10
	11,12		6,9	8,8	15,16	
LU722R	PowerPlex® 16 HS					
				16,18		12,12
	3sp	10,11	10,16			
	9,13	10,12		12,12		
	31,31		X,Y	9,11	20,23	9,10
	11,12		6,9	8,8	15,16	
LUALQF	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2		6,9	8	15,16	
LUXN7J	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
LVAGV6	PowerPlex® 21					
	16,18.3	17,19		16,18		12,12
	3sp	10,11	10,16			20,22
	9,13	10,12		12,12	13,15	
	31,31		X,Y	9,11	20,23	9,10
	11,12		6,9	8,8	15,16	



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	
<b>Item 3sp - STR Results</b>						
LVPYJJ	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
MAHVD2	Identifiler® Plus					
		17,19		16,18		12,12
3sp		10,11	10,16			
	9,13	10,12		12,12	13,15	
	31,31		X,Y	9,11	20,23	
			6,9	8,8	15,16	
MCP2ZN	Investigator® 24plex					
	16,18.3	17,19	11,14	16,18		12,12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
MDMJUC	PowerPlex® Fusion					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,[16]		[13],17	20,22
	[9],13	10,12		12	13,15	
	31	15	[X],Y	9,11	[20],23	9,10
	11,[12]		6,9	8	15,[16]	
MEZ4P8	Investigator® 24plex					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
MG3WVY	PowerPlex® Fusion 5C					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12		6,9	8	15,16	
MJPKYC	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		*27.2	6,9	8	15,16	

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	
<b>Item 3sp - STR Results</b>						
MKK46K	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12,12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8,8	15,16	
MLGE39	Investigator® 24plex					
	12,15,16,17.3,18.3	16,17,18,19,25	10,11,14	15,16,17,18		11,12
3sp		10,11,12	9,10,12,15,16		12,13,16,17	19,20,21,22
	9,12,13	9,10,11,12		11,12,17	12,13,14,15	
	29,30,31	12,14,15,16	X,Y	9,10,11	20,22,23	
		17,19,20,26.2,27.2,28.2	6,8,9	8	14,15,16	
MLTBDE	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
MPJHRA	Investigator® 24plex					
	15,16,17.3,18.3	16,17,18,19	11,14	15,16,17,18		11,12
3sp		10,11	10,15,16		12,13,16,17	19,20,21,22
	9,12,13	10,11,12		11,12	12,13,14,15	
	30,31	12,14,15,16	X,Y	9,10,11	20,22,23	
		19,20,26.2,27.2	6,8,9	7,8	14,15,16	
MTUMBW	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
MVJUVU	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
MVZ8YW	GlobalFiler™					
	16,18.3	17,19	11,14	16,18	NT	12,12
3sp	NT	10,11	10,16	NT	13,17	20,22
	9,13	10,12	NT	12,12	13,15	NT
	31,31	15,15	X,Y	9,11	20,23	NT
	NT	20,27.2	6,9	8,8	15,16	

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 3sp - STR Results

MXEAFH	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
MXWAH8	Investigator® 24plex QS					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
MY24QD	Identifiler®					
		17,19		16,18		12,12
	3sp	10,11	10,16			
	9,13	10,12		12,12	13,15	
	31,31		X,Y	9,11	20,23	
		6,9	8,8	15,16		
MZHDP6	Identifiler® Plus					
		17,19		16,18		12,12
	3sp	10,11	10,16			
	9,13	10,12		12,12	13,15	
	31,31		X,Y	9,11	20,23	
		6,9	8,8	15,16		
N24BPV	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
N3F2XZ	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12,[17]	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
NA2WXH	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		

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 3sp - STR Results

NEXKKW	PowerPlex® F6C					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8,8	15,16	
NHK6PZ	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
NJB8JF	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
NMVDUC	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
NNEEQ	GlobalFiler™					
	16,18.3	17,19	11,14*	16,18	Not Tested	12,12
	3sp	Not Tested	10,11	10,16	Not Tested	13,17
	9,13	10,12	Not Tested	12,12	13,15*	Not Tested
	31,31	15,15	X,Y	9,11	20,23	Not Tested
	Not Tested	20,27.2	6,9*	8,8	15,16	
NPR7AM	Identifiler® Plus					
		17,19		16,18		12,12
	3sp	10,11	10,16			
	9,13	10,12		12,12	13,15	
	31,31		X,Y	9,11	20,23	
			6,9	8,8	15,16	
NQ6HEJ	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	

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 3sp - STR Results

NTQCYQ	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		
NURBHE	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		
NV8BU2	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
NW24KE	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
NWCW7F	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		
NXLB8U	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
NZWYXL	Investigator® 24plex					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		

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 3sp - STR Results

P44YGQ	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
PAGFL2	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		
PAHDWW	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
PBEXGB	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,[15^],16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,[22^],27.2	6,9	8	15,16		
PBLAUR	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
PCJFHD	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		
PEUH8X	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		

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 3sp - STR Results

PGDKW3	Identifiler® Plus					
		17,19		16,18		12,12
3sp		10,11	10,16			
	9,13	10,12		12,12	13,15	
	31,31		X,Y	9,11	20,23	
			6,9	8,8	15,16	
PHJ2YE	Investigator® 24plex					
	16,18.3	17,19	11,14	16,18		12,12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
PJMM22	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2,[28.2]	6,9	8	15,16	
PLDTE7	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,[15],16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
PTU3AU	Investigator® 24plex QS					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
PX7ZEG	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
Q4GUHN	GlobalFiler™					
	16,18.3	17,19	11,14	16,18	N/A	12,12
3sp	N/A	10,11	10,16	N/A	13,17	{20,22}*
	9,13	10,12	N/A	12,12	13,15	N/A
	31,31	15,15	X,Y	9,11	20,23	N/A
	N/A	{20,27.2}*	6,9	8,8	15,16	

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 3sp - STR Results

Q4NXKV	PowerPlex® Fusion 6C						
		16,18.3	17,19	11,14	16,18	12	
	3sp		10,11	10,16		13,17	20,22
		9,13	10,12		12	13,15	
		31	15	X,Y	9,11	20,23	9,10
		11,12	20,27.2	6,9	8	15,16	
Q8BBF6	Identifiler® Plus						
			17,19		16,18	12,12	
	3sp		10,11	10,16			
		9,13	10,12		12,12	13,15	
		31,31		X,Y	9,11	20,23	
				6,9	8,8	15,16	
Q9HU82	GlobalFiler™						
		16,18.3	17,19	11,14	16,18	12,12	
	3sp		10,11	10,16		13,17	20,22
		9,13	10,12		12,12	13,15	
		31,31	15,15	X,Y	9,11	20,23	
			20,27.2	6,9	8,8	15,16	
QC4D4R	Identifiler® Plus						
		-	17,19	-	16,18	-	12
	3sp		10,11	10,16	-	-	-
		9,13	10,12	-	12	13,15	-
		31	-	X,Y	9,11	20,23	-
		-	-	6,9	8	15,16	
QE8863	PowerPlex® Fusion 6C						
		16,18.3	17,19	11,14	16,18	12	
	3sp		10,11	10,16		13,17	20,22
		9,13	10,12		12	13,15	
		31	15	X,Y	9,11	20,23	9,10
		11,12	20,27.2	6,9	8	15,16	
QFZ9ZJ	PowerPlex® Fusion 6C						
		16,18.3	17,19	11,14	16,18	12	
	3sp		10,11	10,16		13,17	20,22
		9,13	10,12		12	13,15	
		31	15	X,Y	9,11	20,23	9,10
		11,12	20,27.2	6,9	8	15,16	
QGTBDZ	PowerPlex® Fusion 6C						
		16,18.3	17,19	11,14	16,18	12	
	3sp		10,11	10,16		13,17	20,22
		9,13	10,12		12	13,15	
		31	15	X,Y	9,11	20,23	9,10
		11,12	20,27.2	6,9	8	15,16	



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 3sp - STR Results

QGZZ9E	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
QKEWHU	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
QMPGR6	Identifiler® ID+					
		17,19		16,18		12,12
3sp		10,11	10,16			
	9,13	10,12		12,12	13,15	
	31,31		X,Y	9,11	20,23	
			6,9	8,8	15,16	
QQ6AHX	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
QQKGR9	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
QV6QFW	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
QVDLA4	Investigator® 24plex					
	16,18.3	17,19	11,14	16,18	N/A	12,12
3sp	N/A	10,11	10,16	N/A	13,17	20,22
	9,13	10,12	N/A	12,12	13,15	N/A
	31,31	15,15	X,Y	9,11	20,23	N/A
	N/A	20,27.2	6,9	8,8	15,16	

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 3sp - STR Results

QVE98W	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
QVEBW2	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,[15],16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		
QWBTRB	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		
QWRZXT	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		
QYDNHD	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
QYPQPK	PowerPlex® Fusion5C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,[16],17	20,22
	9,13	10,12		12	13,15	
	[29],31	15	X,Y	9,11	20,23	9,10
	11,12	6,9	8	15,16		
QZLUQ9	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		

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 3sp - STR Results

R2Q7JT	PowerPlex® Fusion					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12		6,9	8	15,16	
R3EARV	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
R9R6BH	PowerPlex® Fusion 5C					
	NR	NR	NR	NR		NR
	3sp	NR	NR		NR	NR
	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR
	NR		NR	NR	NR	
RB6NKF	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
RB8MHA	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
REJHZD	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
REMV7A	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	

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 3sp - STR Results

RFCGA6	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
RNQ4MF	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
RNQCC7	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		
RPNEF3	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
RQDTKD	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
RUFK4R	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		
RV9Q2H	Investigator® 24plex					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		

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	
<b>Item 3sp - STR Results</b>						
RWM3Y2	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,[16],17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
RWZJ6M	GlobalFiler™					
	16,18.3	17,[19]	[11],14	16,18	NA	12
3sp	NA	10,[11]	10,16	NA	13,[16],17*	20,22
	9,13	10,12	NA	12	13,15	NA
	31	15	X,Y	9,11	20,23	NA
	NA	20,27.2	6,9	8	15,16	
RYD46P	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
RZG24J	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
T2CYZX	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
T2Y9DM	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
T32AN6	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	

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	
<b>Item 3sp - STR Results</b>						
T6U322	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
T8VZHV	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
T9WZJW	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18	NA	12
	3sp	10,11	10,16	NA	13,17	20,22
	9,13	10,12	NA	12	13,15	NA
	31	15	X,Y	9,11	20,23	9,10
		20,27.2	6,9	8	15,16	
TA6A88	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,21,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
TC8B7J	Identifiler® Plus					
	-	17,19	-	16,18	-	12
	3sp	10,11	10,16	-	-	-
	9,13	10,12	-	12	13,15	-
	31	-	X,Y	9,11	20,23	-
		-	6,9	8	15,16	
TDP2UV	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
TFCGDQ	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	

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 3sp - STR Results

TLLVRU	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,INC,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
TLUAYA	Identifiler® Plus					
		17,19		16,18		12,12
3sp		10,11	10,16			
	9,13	10,12		12,12	13,15	
	31,31		X,Y	9,11	20,23	
			6,9	8,8	15,16	
TPX2T9	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
TQCC4U	PowerPlex® Fusion 6C,16					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,[15],16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
TQZDFR	Investigator® 24plex QS					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
TR9N4U	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
TTDETV	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	

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 3sp - STR Results

TUDBKE	PowerPlex® 16 HS, ESX17						
	16,18.3	17,19	11,14	16,18		12	
	3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15		
	31	15	X,Y	9,11	20,23	9,10	
	11,12	20,27.2	6,9	8	15,16		
TUYP8W	GlobalFiler™						
	16,18.3	17,19	11,14	16,18		12	
	3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15		
	31	15	X,Y	9,11	20,23		
		20,27.2	6,9	8	15,16		
TV3LDT	Identifiler® Plus, PowerPlex® FUSION						
	16,18.3	17,19	11,14	16,18		12	
	3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15		
	31	15	X,Y	9,11	20,23	9,10	
	11,12		6,9	8	15,16		
TX3YQJ	Identifiler® Plus, GlobalFiler™, Investigator® 24plex						
	16,18.3	17,19	11,14	16,18		12	
	3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15		
	31	15	X,Y	9,11	20,23		
		20,27.2	6,9	8	15,16		
TXBTUR	PowerPlex® Fusion 6C						
	16,18.3	17,19	11,14	16,18		12	
	3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15		
	31	15	X,Y	9,11	20,23	9,10	
	11,12	20,27.2	6,9	8	15,16		
TY6MKW	PowerPlex® Fusion 6C						
	16,18.3	17,19	11,14	16,18		12	
	3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15		
	31	15	X,Y	9,11	20,23	9,10	
	11,12	20,27.2	6,9	8	15,16		
U9BNKM	GlobalFiler™, ForenSeq™						
	16,18.3	17,19	11,14	16,18		12,12	
	3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15		
	[29],31,31	15,15	X,Y	9,11	20,23		
		20,27.2	6,9	8,8	15,16		



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	
<b>Item 3sp - STR Results</b>						
U9TXAH	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
UAGFXG	GlobalFiler™					
	16,18.3	17,19	11,14	16,18	-	12
3sp	-	10,11	10,16	-	13,17	20,22
	9,13	10,12	-	12	13,15	-
	31	15	X,Y	9,11	20,23	-
	-	20,27.2	6,9	8	15,16	
UFJH3G	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
UGE29P	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18	-	12
3sp	-	10,11	10,16	-	13,17	20,22
	9,13	10,12	-	12	13,15	-
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
UGKDXL	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
UKHU3N	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
UM8XZ2	PowerPlex® FUSION					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12		6,9	8	15,16	

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 3sp - STR Results

UNM8B3	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		
UQTJ7V	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
URQXLN	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		
UU6TXZ	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
UVEZWL	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		
UX7TXW	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
UYDZCH	Identifiler® Plus, GlobalFiler™, Investigator® 24plex					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		

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	
<b>Item 3sp - STR Results</b>						
V2J63C	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,16,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
V2NCRR	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,INC,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
V4CRBM	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
V6KV2C	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12,12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8,8	15,16	
V6ZJVC	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
V937PG	Identifiler® Plus					
		17,19		16,18		12,12
3sp		10,11	10,16			
	9,13	10,12		12,12	13,15	
	31,31		X,Y	9,11	20,23	
			6,9	8,8	15,16	
V93EL8	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12,12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8,8	15,16	

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 3sp - STR Results

VAC7QG	Identifiler® Plus					
		17,19		16,18		12
3sp		10,11	10,16			
	9,13	10,12		12	13,15	
	31		X,Y	9,11	20,23	
			6,9	8	15,16	
VDEAFH	PowerPlex® Fusion, CS7, PP21, Verifiler EXPRESS					
	16,18.3	17,19	11,14	16,18		12,12
3sp	12,12	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	9,10
	11,12		6,9	8,8	15,16	
VH84JC	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
VMNLW2	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
VN29EF	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
VRHFU3	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
WFYW2	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	

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 3sp - STR Results

WVGQ4U	PowerPlex® Fusion					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
VXLKN8	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
VYUMAR	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
W467YC	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
W4QGAT	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18	N/A	12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12	N/A	12	13,15	N/A
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
W7BKD6	GlobalFiler™					
	12,15,16,18.3	17,19,25	11,14	15,16,17,18		11,12
	3sp	10,11	10,12,16		13,16,17	20,21,22
	9,12,13	10,12		12,17	13,15	
	31	12,15	X,Y	9,10,11	20,23	
		17,20,27.2	6,9	8	15,16,18	
WB3RYY	PowerPlex® Fusion					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12		6,9	8	15,16	

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

WB9YA8	PowerPlex® Fusion					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12		6,9	8	15,16	
WCZ3XM	Investigator® 24plex QS					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2		6,9	8	15,16	
WD7RQH	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2		6,9	8,8	15,16	
WHBVDT	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
WJNPZT	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
WK9U2B	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2		6,9	8	15,16	
WLLDX2	Identifiler® Plus					
		17,19		16,[17],18		12
	3sp	10,11	10,[15],16			
	9,13	10,12		12	13,[14],15	
	31		X,Y	9,11	20,23	
			6,9	8	15,16	

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	
<b>Item 3sp - STR Results</b>						
WLRM6	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2,28.2	6,9	8	15,16		
WLTFXM	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
WVR7B3	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		
WYNURA	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
WZ8E39	Identifiler®, Investigator® 24plex					
	16,18.3	17,19	11,14	16,18		12,12
		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
X68GYK	Identifiler® Plus					
		17,19		16,18		12
		10,11	10,16			
	9,13	10,12		12	13,15	
	31		X,Y	9,11	20,23	
		6,9	8	15,16		
X8ZB2V	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	

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 3sp - STR Results

X8ZBYA	PowerPlex® Fusion					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	9,10
	11,12		6,9	8,8	15,16	
XBPKEH	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
XCBEV4	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
XDM8G6	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
XGANAC	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
XLLMNQ	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
XN6FQT	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	



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 3sp - STR Results

XQZ493	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
XUC7TX	PowerPlex® ESI 17 Pro, ESX 17					
	16,18.3	17,19	11,14	16,18		
	3sp	10,11	10,16		13,17	20,22
		10,12		12	13,15	
	31	15	X,Y		20,23	
		20,27.2	6,9		15,16	
XVRE9E	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
XZNYA4	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
Y32C2P	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
Y3NMZY	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
Y69PR4	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8,8	15,16	

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

Y8KBKR	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12,[13*]		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		
Y8TLA3	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
YGKYBN	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
YLGAX9	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8,8	15,16	
YQD6C2	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		
YQQV8D	PowerPlex® Fusion 5C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,[16],17	20,22
	9,13	10,12		12	13,15	
	[29],31,[31.2]	15	X,Y	9,11	20,23	9,10
	11,12	6,9	8	15,16		
YR62YB	Investigator® 24plex					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		

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 3sp - STR Results

YTL8HL	Investigator® 24plex QS					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
YVQXLU	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
YWG4YZ	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	
YX6PAM	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
YY83JP	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
Z37Z73	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
Z3JKQK	GlobalFiler™					
	16,18.3	17,19,[25]	11,14	16,18		12
3sp		10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X	9,11	20,23	
		20,27.2	6,9	8	15,16	

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 3sp - STR Results

Z3KJYK	PowerPlex® Fusion 6C					
		16,18.3	17,19	11,14	16,18	12
	3sp		10,11	10,16		13,17
		9,13	10,12		12	13,15
		31	15	X,Y	9,11	20,23
		11,12	20,27.2	6,9	8	15,16
Z4ANJR	PowerPlex® Fusion 6C					
		16,18.3	17,19	11,14	16,18	12
	3sp		10,11	10,16		13,17
		9,13	10,12		12	13,15
		31	15	X,Y	9,11	20,23
		11,12	20,27.2	6,9	8	15,16
Z6PZ64	PowerPlex® Fusion 6C					
		16,18.3	17,19	11,14	16,18	12,12
	3sp		10,11	10,16		13,17
		9,13	10,12		12,12	13,15
		31,31	15,15	X,Y	9,11	20,23
		11,12	20,27.2	6,9	8,8	15,16
Z6V63F	GlobalFiler™					
		16,18.3	17,19	11,14	16,18	12
	3sp		10,11	10,16		13,17
		9,13	10,12		12	13,15
		31	15	X,Y	9,11	20,23
			20,27.2	6,9	8	15,16
Z73NP3	GlobalFiler™					
		16,18.3	17,19	11,14	16,18	12,12
	3sp		10,11	10,16		13,17
		9,13	10,12		12,12	13,15
		31,31	15,15	X,Y	9,11	20,23
			20,27.2	6,9	8,8	15,16
Z8GTG2	GlobalFiler™					
		16,18.3	17,19	11,14	16,18	12
	3sp		10,11	10,16		13,17
		9,13	10,12		12	13,15
		31	15	X,Y	9,11	20,23
			20,27.2	6,9	8	15,16
Z8QXNH	GlobalFiler™					
		16,18.3	17,19	11,14	16,18	12,12
	3sp		10,11	10,16		13,17
		9,13	10,12		12,12	13,15
		31,31	15,15	X,Y	9,11	20,23
			20,27.2	6,9	8,8	15,16

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 3sp - STR Results

Z9UFYF	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
	20,27.2	6,9	8	15,16		
ZBDR9P	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8,8	15,16	
ZBHVD3	PowerPlex® Fusion 5C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
ZF7ME4	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8,8	15,16	
ZFPLF9	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
ZG299V	Investigator® 24plex					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		
ZHDCBL	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
	20,27.2	6,9	8,8	15,16		

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 3sp - STR Results

ZLZTZL	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
ZNGWW6	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
ZNMEN3	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12,12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12,12	13,15	
	31,31	15,15	X,Y	9,11	20,23	
		20,27.2	6,9	8,8	15,16	
ZTDM73	PowerPlex® Fusion 6C					
	16,18.3	17,19	11,14	16,18	-	12
	3sp	-	10,11	10,16	-	13,17
	9,13	10,12	-	12	13,15	-
	31	15	X,Y	9,11	20,23	9,10
	11,12	20,27.2	6,9	8	15,16	
ZV3643	GlobalFiler™					
	16,18.3	17,19	11,14	16,18		12
	3sp	10,11	10,16		13,17	20,22
	9,13	10,12		12	13,15	
	31	15	X,Y	9,11	20,23	
		20,27.2	6,9	8	15,16	

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	
<b>Item 4 - STR Results</b>						
223XT3	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
224PWP	PowerPlex® 21					
	15,16	24,25		14,18		8,11
4	12,14	8,10	13,15			18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	10,10
	8,8		6,7	8,8	15,19	
24DJUB	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
26PBYZ	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
289HY8	Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
293AMY	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
29LY8F	PowerPlex® Fusion 5C, MiniFiler					
	15,16	24,25	11,12	14,18	NA	8,11
4	NA	8,10	13,15	NA	15	18,19
	8,11	9,11	NA	12,14.2	12.2,13.2	NA
	29,36	10,16	X	10,12	20,22	10
	8	NA	6,7	8	15,19	

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

2BRGD3	GlobalFiler™						
	15,16	24,25	11,12	14,18		8,11	
	4	8,10	13,15		15	18,19	
	8,11	9,11		12,14.2	12.2,13.2		
	29,36	10,16	X	10,12	20,22		
	18.2,21.2	6,7	8	15,19			
2C62Z7	PowerPlex® Fusion 6C						
	15,16	24,25	11,12	14,18		8,11	
	4	8,10	13,15		15,15	18,19	
	8,11	9,11		12,14.2	12.2,13.2		
	29,36	10,16	X,X	10,12	20,22	10,10	
	8,8	18.2,21.2	6,7	8,8	15,19		
2GJNWC	GlobalFiler™						
	15,16	24,25	11,12	14,18		8,11	
	4	8,10	13,15		15	18,19	
	8,11	9,11		12,14.2	12.2,13.2		
	29,36	10,16	X	10,12	20,22		
	18.2,21.2	6,7	8	15,19			
2LXATA	PowerPlex® Fusion 6C						
	15,16	24,25	11,12	14,18		8,11	
	4	8,10	13,15		15	18,19	
	8,11	9,11		12,14.2	12.2,13.2		
	29,36	10,16	X	10,12	20,22	10	
	8	18.2,21.2	6,7	8	15,19		
2PB7BK	PowerPlex® Fusion 6C						
	15,16	24,25	11,12	14,18	-	8,11	
	4	-	8,10	13,15	-	15	18,19
	8,11	9,11	-	12,14.2	12.2,13.2	-	
	29,36	10,16	X	10,12	20,22	10	
	8	18.2,21.2	6,7	8	15,19		
2QJD87	PowerPlex® Fusion						
	15,16	24,25	11,12	14,18		8,11	
	4	8,10	13,15		15,15	18,19	
	8,11	9,11		12,14.2	12.2,13.2		
	29,36	10,16	X,X	10,12	20,22	10,10	
	8,8	6,7	8,8	15,19			
2U3BZ3	GlobalFiler™						
	15,16	24,25	11,12	14,18		8,11	
	4	8,10	13,15		15	18,19	
	8,11	9,11		12,14.2	12.2,13.2		
	29,36	10,16	X	10,12	20,22		
	18.2,21.2	6,7	8	15,19			



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

2WV49T	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
2X6BBL	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
2YRZAE	GlobalFiler™					
	15,16	24,25	11,12	14,18	Not Tested	8,11
	4	Not Tested	8,10	13,15	Not Tested	15,15
	8,11	9,11	Not Tested	12,14.2	12.2,13.2	Not Tested
	29,36	10,16	X,X	10,12	20,22	Not Tested
	Not Tested	18.2,21.2	6,7	8,8	15,19	
2ZQ7K8	Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
32NNK3	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
32TFZG	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
344DH6	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		

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

37BNFU	Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
393CGP	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
39KJHZ	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
39MBAG	Investigator® 24plex QS					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
3C3HXG	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
3CG683	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
3CXCBY	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		

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

3H7MJT	GlobalFiler™						
	15,16	24,25	11,12	14,18	NT	8,11	
	4	NT	8,10	13,15	NT	15,15	18,19
	8,11	9,11	NT	12,14.2	12.2,13.2	NT	
	29,36	10,16	X,X	10,12	20,22	NT	
	NT	18.2,21.2	6,7	8,8	15,19		
3LM74N	PowerPlex® Fusion 6C						
	15,16	24,25	11,12	14,18		8,11	
	4		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2		
	29,36	10,16	X,X	10,12	20,22	10,10	
	8,8	18.2,21.2	6,7	8,8	15,19		
3LQJ8Y	GlobalFiler™						
	15,16	24,25	11,12	14,18		8,11	
	4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2		
	29,36	10,16	X	10,12	20,22		
		18.2,21.2	6,7	8	15,19		
3LU2CP	GlobalFiler™						
	15,16	24,25	11,12	14,18		8,11	
	4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2		
	29,36	10,16	X	10,12	20,22		
		18.2,21.2	6,7	8	15,19		
3LUYMK	PowerPlex® Fusion 5C						
	15,16	24,25	11,12	14,18		8,11	
	4		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2		
	29,36	10,16	X,X	10,12	20,22	10,10	
	8,8		6,7	8,8	15,19		
3VNJEW	PowerPlex® Fusion 5C						
	15,16	24,25	11,12	14,18		8,11	
	4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2		
	29,36	10,16	X	10,12	20,22	10	
	8		6,7	8	15,19		
3WNE7E	PowerPlex® FUSION 5C, MiniFiler						
	15,16	24,25	11,12	14,18	NA	8,11	
	4	NA	8,10	13,15	NA	15	18,19
	8,11	9,11	NA	12,14.2	12.2,13.2	NA	
	29,36	10,16	X	10,12	20,22	10	
	8	NA	6,7	8	15,19		

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

3X33HR	Identifiler® Plus	24,25		14,18		8,11
4		8,10	13,15			
		8,11	9,11	12,14.2	12.2,13.2	
		29,36	X,X	10,12	20,22	
			6,7	8,8	15,19	
3XJ4H9	PowerPlex® Fusion 6C	15,16	24,25	11,12	14,18	8,11
4		8,10	13,15		15	18,19
		8,11	9,11	12,14.2	12.2,13.2	
		29,36	10,16	X	10,12	20,22
		8	18.2,21.2	6,7	8	15,19
3YYBX	GlobalFiler™	15,16	24,25	11,12	14,18	8,11
4		8,10	13,15		15	18,19
		8,11	9,11	12,14.2	12.2,13.2	
		29,36	10,16	X	10,12	20,22
			18.2,21.2	6,7	8	15,19
446BU2	GlobalFiler™	15,16	24,25	11,12	14,18	8,11
4		8,10	13,15		15	18,19
		8,11	9,11	12,14.2	12.2,13.2	
		29,36	10,16	X	10,12	20,22
			18.2,21.2	6,7	8	15,19
44Z46Y	PowerPlex® Fusion	15,16	24,25	11,12	14,18	8,11
4		8,10	13,15		15	18,19
		8,11	9,11	12,14.2	12.2,13.2	
		29,36	10,16	X,X	10,12	20,22
		8	6,7	8	15,19	
4787AH	GlobalFiler™	15,16	24,25	11,12	14,18	8,11
4		8,10	13,15		15,15	18,19
		8,11	9,11	12,14.2	12.2,13.2	
		29,36	10,16	X,X	10,12	20,22
			18.2,21.2	6,7	8,8	15,19
482WDC	GlobalFiler™	15,16	24,25	11,12	14,18	8,11
4		8,10	13,15		15	18,19
		8,11	9,11	12,14.2	12.2,13.2	
		29,36	10,16	X	10,12	20,22
			18.2,21.2	6,7	8	15,19

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

48WN34	Identifiler® Plus					
		24,25		14,18		8,11
4		8,10	13,15			
		8,11	9,11	12,14.2	12.2,13.2	
		29,36	X	10,12	20,22	
			6,7	8	15,19	
4D9KTY	PowerPlex® Fusion 5C					
		15,16	24,25	11,12	14,18	8,11
4		8,10	13,15		15	18,19
		8,11	9,11	12,14.2	12.2,13.2	
		29,36	10,16	X	10,12	20,22
		8	6,7	8	15,19	10
4JP8G9	PowerPlex® Fusion 5C, Investigator® 24plex					
		15,16	24,25	11,12	14,18	8,11
4		8,10	13,15		15	18,19
		8,11	9,11	12,14.2	12.2,13.2	
		29,36	10,16	X	10,12	20,22
		8	18.2,21.2	6,7	8	15,19
4JVD3D	GlobalFiler™					
		15,16	24,25	11,12	14,18	8,11
4		8,10	13,15		15	18,19
		8,11	9,11	12,14.2	12.2,13.2	
		29,36	10,16	X	10,12	20,22
			18.2,21.2	6,7	8	15,19
4KALMY	PowerPlex® Fusion					
		15,16	24,25	11,12	14,18	8,11
4		8,10	13,15		15	18,19
		8,11	9,11	12,14.2	12.2,13.2	
		29,36	10,16	X	10,12	20,22
		8	6,7	8	15,19	10
4KAWT3	GlobalFiler™					
		15,16	24,25	11,12	14,18	8,11
4		8,10	13,15		15,15	18,19
		8,11	9,11	12,14.2	12.2,13.2	
		29,36	10,16	X,X	10,12	20,22
			18.2,21.2	6,7	8,8	15,19
4KTNZ2	GlobalFiler™					
		15,16	24,25	11,12	14,18	8,11
4		8,10	13,15		15,15	18,19
		8,11	9,11	12,14.2	12.2,13.2	
		29,36	10,16	X,X	10,12	20,22
			18.2,21.2	6,7	8,8	15,19

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	
<b>Item 4 - STR Results</b>						
4L2QWX	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
4P24FW	Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
4PGCCX	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
4XC7VQ	PowerPlex® F6C					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
4ZGYPN	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
62BWK3	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	
63A99H	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	

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

63HJRE	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
67T46B	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
68AQ7G	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
68ZJAF	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
69V2KH	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
6ARKDX	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
6BJHUQ	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		

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

6BUMU8	Identifiler® Plus	24,25		14,18		8,11	
4		8,10	13,15				
		8,11	9,11	12,14.2	12.2,13.2		
		29,36	X,X	10,12	20,22		
			6,7	8,8	15,19		
6BUPF6	GlobalFiler™	15,16	24,25	11,12	14,18	-	8,11
4		-	8,10	13,15	-	15	18,19
		8,11	9,11	-	12,14.2	12.2,13.2	-
		29,36	10,16	X	10,12	20,22	-
		-	18.2,21.2	6,7	8	15,19	
6CQTGT	GlobalFiler™	15,16	24,25	11,12	14,18		8,11
4			8,10	13,15		15,15	18,19
		8,11	9,11		12,14.2	12.2,13.2	
		29,36	10,16	X,X	10,12	20,22	
			18.2,21.2	6,7	8,8	15,19	
6CXZQV	GlobalFiler™	15,16	24,25	11,12	14,18		8,11
4			8,10	13,15		15	18,19
		8,11	9,11		12,14.2	12.2,13.2	
		29,36	10,16	X	10,12	20,22	
			18.2,21.2	6,7	8	15,19	
6F89VR	Identifiler® Plus, Investigator® 24plex	15,16	24,25	11,12	14,18		8,11
4			8,10	13,15		15	18,19
		8,11	9,11		12,14.2	12.2,13.2	
		29,36	10,16	X	10,12	20,22	
			18.2,21.2	6,7	8	15,19	
6FR2PP	GlobalFiler™	15,16	24,25	11,12	14,18		8,11
4			8,10	13,15		15	18,19
		8,11	9,11		12,14.2	12.2,13.2	
		29,36	10,16	X	10,12	20,22	
			18.2,21.2	6,7	8	15,19	
6K98NK	PowerPlex® Fusion 6C	15,16	24,25	11,12	14,18		8,11
4			8,10	13,15		15	18,19
		8,11	9,11		12,14.2	12.2,13.2	
		29,36	10,16	X	10,12	20,22	10
		8	18.2,21.2	6,7	8	15,19	



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

6LEVCA	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
6LJ99X	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
6MCZHU	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
6MWQCN	Identifiler® Plus, Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
6TGUDY	PowerPlex® Fusion 5C					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8		6,7	8	15,19	
6V68W3	PowerPlex® Fusion					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8		6,7	8,8	15,19	
6WHX78	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	

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

6XCJZX	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
6ZZ8DY	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	18.2,21.2	6,7	8	15,19		
72TEYM	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
76TN6J	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	18.2,21.2	6,7	8	15,19		
78TRTJ	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	18.2,21.2	6,7	8,8	15,19		
799VTH	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	18.2,21.2	6,7	8	15,19		
79BMKY	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	18.2,21.2	6,7	8	15,19		

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

7D6JGP	PowerPlex® ESX 16					
	15,16	24,25	11,12	14,18		
4			13,15		15,15	18,19
		9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X		20,22	
			6,7		15,19	
7EDXH4	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
7EFLVN	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
7FPT7G	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
7HFUAJ	PowerPlex® 6C					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
7L89C8	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
7MKNUE	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	

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

7R22YN	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
7TWHD7	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
7X7QJ2	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	
7X7T4Y	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
7XLA4Y	PowerPlex® Fusion					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8	18.2,21.2	6,7	8	15,19	
7XQEZB	Investigator® 24plex QS					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
7ZU8N3	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		

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

82NEDD	PowerPlex® Fusion 6C					
		15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
	8	18.2,21.2	6,7	8	15,19	
84DQBX	PowerPlex® Fusion 6C					
		15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
	8	18.2,21.2	6,7	8	15,19	
84QDHY	PowerPlex® Fusion					
		15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15,15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
	8,8		6,7	8,8	15,19	
89JEKD	PowerPlex® Fusion					
		15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
	8		6,7	8	15,19	
8BMA8M	GlobalFiler™					
		15,16	24,25	11,12	14,18	N/A
	4		8,10	13,15	N/A	15,15
		8,11	9,11	N/A	12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
	N/A	18.2,21.2	6,7	8,8	15,19	
8CMWE2	PowerPlex® Fusion 6C					
		15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15,15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
	8,8	18.2,21.2	6,7	8,8	15,19	
8D3CHG	PowerPlex® Fusion 6C					
		15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
	8	18.2,21.2	6,7	8	15,19	

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

8EMJEH	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	
8GCMBW	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
8LRZ8D	PowerPlex® FUSION					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8		6,7	8	15,19	
8MTWVF	PowerPlex® FUSION 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
8N2A4V	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
8NFD6M	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		inconclusive	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
8PMWQC	GlobalFiler™					
	15,16	24,25	11,12	14,18	N/T	8,11
	4	N/T	8,10	13,15	N/T	15,15
	8,11	9,11	N/T	12,14.2	12.2,13.2	N/T
	29,36	10,16	X,X	10,12	20,22	N/T
	N/T	18.2,21.2	6,7	8,8	15,19	

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

8Q2FEF	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
8TTBGG	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
8UPYRY	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
942E3D	Identifiler® Plus, PowerPlex® Fusion 5C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	6,7	8	15,19		
948NYJ	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
96E7WE	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
96ZKPD	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		

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

9792AP	Identifiler® Plus	24,25		14,18		8,11
4		8,10	13,15			
		8,11	9,11	12,14.2	12.2,13.2	
		29,36	X	10,12	20,22	
			6,7	8	15,19	
97FQ7N	GlobalFiler™ , MiniFiler	15,16	24,25	11,12	14,18	8,11
4		8,10	13,15		15	18,19
		8,11	9,11	12,14.2	12.2,13.2	
		29,36	10,16	X	10,12	20,22
		18.2,21.2	6,7	8	15,19	
9EUTA6	GlobalFiler™	15,16	24,25	11,12	14,18	8,11
4		8,10	13,15		15	18,19
		8,11	9,11	12,14.2	12.2,13.2	
		29,36	10,16	X,X	10,12	20,22
		18.2,21.2	6,7	8,8	15,19	
9JL2FW	PowerPlex® Fusion 6C	15,16	24,25	11,12	14,18	8,11
4		8,10	13,15		15	18,19
		8,11	9,11	12,14.2	12.2,13.2	
		29,36	10,16	X	10,12	20,22
		8	18.2,21.2	6,7	8	15,19
9P6FWV	GlobalFiler™	15,16	24,25	11,12	14,18	8,11
4		8,10	13,15		15	18,19
		8,11	9,11	12,14.2	12.2,13.2	
		29,36	10,16	X	10,12	20,22
		18.2,21.2	6,7	8	15,19	
9PJN4B	Identifiler® Plus	24,25		14,18		8,11
4		8,10	13,15			
		8,11	9,11	12,14.2	12.2,13.2	
		29,36	X,X	10,12	20,22	
			6,7	8	15,19	
9QYY6N	Identifiler® Plus, Investigator® 24plex	15,16	24,25	11,12	14,18	8,11
4		8,10	13,15		15,15	18,19
		8,11	9,11	12,14.2	12.2,13.2	
		29,36	10,16	X,X	10,12	20,22
		18.2,21.2	6,7	8,8	15,19	



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

9RCH3Z	PowerPlex® Fusion					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8		6,7	8	15,19	
9RCMGN	GlobalFiler™, MiniFiler					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
9RGY6K	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
9YDU64	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
9ZL37W	PowerPlex® ESI-17, ESX-17					
	15,16	24,25	11,12	14,18		
	4		13,15		15,15	18,19
		9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X		20,22	
	18.2,21.2	6,7		15,19		
A2HQCX	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	
A323DM	Identifiler® Plus, GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		

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

A36LKY	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
A42YBD	PowerPlex® Fusion 5C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	6,7	8,8	15,19		
A76UQU	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
A7P9GT	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
A8P8RE	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
A9TCLZ	PowerPlex® FUSION					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	6,7	8,8	15,19		
AAMRJQ	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		

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

ABEYF9 4	PowerPlex® Fusion 5C, GlobalFiler™	15,16	24,25	11,12	14,18	8,11
		8,10	13,15		15,15	18,19
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
		8,8	18.2,21.2	6,7	8,8	15,19
ABV7J6 4	GlobalFiler™	15,16	24,25	11,12	14,18	8,11
		8,10	13,15		15,15	18,19
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
		8,8	18.2,21.2	6,7	8,8	15,19
ACWUD3 4	Investigator® 24plex	15,16	24,25	11,12	14,18	8,11
		8,10	13,15		15,15	18,19
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
		8,8	18.2,21.2	6,7	8,8	15,19
ADUCBC 4	PowerPlex® Fusion	15,16	24,25	11,12	14,18	8,11
		8,10	13,15		15,15	18,19
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
		8,8	18.2,21.2	6,7	8,8	15,19
AFV4LJ 4	Investigator® 24plex	15,16	24,25	11,12	14,18	8,11
		8,10	13,15		15,15	18,19
		8,11	9,11	NA	12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
		8,8	18.2,21.2	6,7	8,8	15,19
		NA				NA
AP2YD3 4	Identifiler®	24,25			14,18	8,11
		8,10	13,15			
		8,11	9,11		12,14.2	12.2,13.2
		29,36		X,X	10,12	20,22
			6,7		8,8	15,19
AV2L2W 4	NGM SElect	15,16	24,25	11,12	14,18	
			13,15		15,15	18,19
			9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X	20,22	
			18.2,21.2	6,7	15,19	

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

AVRK9W	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	
B429MU	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	
B89TE9	Identifiler® Plus					
		24,25		14,18		8,11
4		8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
			6,7	8,8	15,19	
B8W62M	PowerPlex® Fusion					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8		6,7	8	15,19	
B9YLTT	GlobalFiler™					
	15,16	24,25	11,12	14,18	-	8,11
4		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	-	18.2,21.2	6,7	8,8	15,19	
BBKH2J	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15,15	18,19
	8,11	9,11			12.2,13.2	
		10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
BE2QPH	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	

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

BG8C84	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
BGRUBX	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
BHZZKT	Identifiler® Plus					
		24,25		14,18		8,11
	4	8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
		6,7	8,8	15,19		
BJTZLP	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,[INC ^],14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
BJWHPF	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
BL22NW	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
BL2766	PowerPlex® Fusion					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	6,7	8	15,19		

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

BMUYW3	Identifiler® Plus					
	-	24,25	-	14,18	-	8,11
4	-	8,10	13,15	-	-	-
	8,11	9,11	-	12,14.2	12.2,13.2	-
	29,36	-	X,X	10,12	20,22	-
	-	-	6,7	8	15,19	
BN64CR	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18	-	8,11
4	-	8,10	13,15	-	15	18,19
	8,11	9,11	-	12,14.2	12.2,13.2	-
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
BPX2QX	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4	-	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
BTZR2J	Identifiler® Plus					
		24,25		14,18		8,11
4		8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
			6,7	8,8	15,19	
BXGZPJ	Investigator® 24plex QS					
	15,16	24,25	11,12	14,18		8,11
4	-	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
C2CA7Q	GlobalFiler™ Casework					
	15,16	24,25	11,12	14,18		8,11
4	-	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
C2PQ4P	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4	-	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	

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

C3HUR6	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
C3XVNZ	Identifiler® Plus					
		24,25		14,18		8,11
	4	8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
		6,7	8,8	15,19		
C4ZR9W	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
C6BK2Q	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
C8AYJ9	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
CA3QPD	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
CBEYZW	GlobalFiler™					
	15,16	24,25	11,12	14,18	-	8,11
	4	-	13,15	-	15,15	18,19
	8,11	9,11	-	12,14.2	12.2,13.2	-
	29,36	10,16	X,X	10,12	20,22	-
	-	18.2,21.2	6,7	8,8	15,19	

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

CDDZGH	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
CEG8AQ	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
CEU7VL	PowerPlex® Fusion 5C, GlobalFiler™, Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
CGLXG7	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
CGNLQH	Investigator® 24plex QS, MiniFiler					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
CJU8EH	Investigator® 24plex QS, MiniFiler					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
CLBG9M	PowerPlex® Fusion 5C, Fusion 6C, Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	



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

CLQYA8	Identifiler® Plus					
		24,25		14,18		8,11
4		8,10	13,15			
		8,11	9,11		12,14.2	12.2,13.2
		29,36	X,X	10,12		20,22
			6,7	8		15,19
CM3Q2P	GlobalFiler™					
		15,16	24,25	11,12	14,18	8,11
4		8,10	13,15		15	18,19
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
		18.2,21.2	6,7	8		15,19
CTBUBC	GlobalFiler™					
		15,16	24,25	11,12	14,18	8,11
4		8,10	13,15		15	18,19
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
		18.2,21.2	6,7	8		15,19
CTJW7Q	GlobalFiler™					
		15,16	24,25	11,12	14,18	8,11
4		8,10	13,15		15,15	18,19
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
		18.2,21.2	6,7	8,8		15,19
D3FJAR	GlobalFiler™					
		15,16	24,25	11,12	14,18	8,11
4		8,10	13,15		15,15	18,19
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
		18.2,21.2	6,7	8,8		15,19
D7VW79	PowerPlex® Fusion					
		15,16	24,25	11,12	14,18	8,11
4		8,10	13,15		15	18,19
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
		8	6,7	8		15,19
D87W7A	GlobalFiler™					
		15,16	24,25	11,12	14,18	8,11
4		8,10	13,15		15	18,19
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
		18.2,21.2	6,7	8		15,19

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

DBAKRQ	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
DC3DRG	Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
DCM286	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
DDJKXX	PowerPlex® F6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
DMA3ME	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
DNZ92K	PowerPlex® Fusion 6C, GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
DP7N9B	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		

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

DPNUAL	PowerPlex® Fusion 5C					
	15,16	24,25	11,12	14,[18]		8,11
	4	8,10	13,15		15	18,19
	8,11	9,[11]		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8		6,7	8	15,19	
DUZMM7	Identifiler® Plus					
		24,25		14,18		8,11
	4	8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
			6,7	8	15,19	
DV2FME	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
DVUG9G	Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
DXQTCW	GlobalFiler™					
	15,16	24,25	11,12	14,18	-	8,11
	4	8,10	13,15	-	15,15	18,19
	8,11	9,11	-	12,14.2	12.2,13.2	-
	29,36	10,16	X,X	10,12	20,22	-
	-	18.2,21.2	6,7	8,8	15,19	
E44E8K	Identifiler® Plus					
		24,25		14,18		20,22
	4	8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		8,11	10,12		
			6,7	8,8	15,19	
E4NWP9	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	

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

E67RGM	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
E6LDLJ	PowerPlex® 6C, GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,[35],36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
E8MA77	PowerPlex® Fusion 5C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8		6,7	8	15,19	
E8MEQL	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
EGWMJU	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
EJNMW	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
EKC9AF	Identifiler® Plus					
		24,25		14,18		8,11
	4	8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
		6,7	8,8	15,19		

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

EP86PL	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
EQYWX7	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
ETP4BF	PowerPlex® FUSION 5C					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8		6,7	8	15,19	
EVTV7A	Identifiler® Plus					
		24,25		14,18		8,11
4		8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
			6,7	8,8	15,19	
EVWF4Q	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
EWZBF2	PowerPlex® Fusion 5C, MiniFiler					
	15,16	24,25	11,12	14,18	NA	8,11
4	NA	8,10	13,15	NA	15	18,19
	8,11	9,11	NA	12,14.2	12.2,13.2	NA
	29,36	10,16	X	10,12	20,22	10
	8	NA	6,7	8	15,19	
EXV34T	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	

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

F2W8QD	Investigator® 24plex	15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15,15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
			18.2,21.2	6,7	8,8	15,19
F2XX3N	GlobalFiler™	15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15,15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
			18.2,21.2	6,7	8,8	15,19
F3LMR9	PowerPlex® Fusion	15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
		8		6,7	8	15,19
F4773M	PowerPlex® Fusion 6C	15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
		8	18.2,21.2	6,7	8	15,19
F6R7UB	PowerPlex® F6C	15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
		8	18.2,21.2	6,7	8	15,19
FA8F6U	GlobalFiler™	15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
			18.2,21.2	6,7	8	15,19
FAAA27	GlobalFiler™	15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15,15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
			18.2,21.2	6,7	8,8	15,19

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

FB6R9N	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
FEPHP7	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
FHG8BH	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
FJTM3X	Identifiler® Plus					
		24,25		14,18		8,11
	4	8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
		6,7	8	15,19		
FKFTT4	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
FKFVH9	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
FKQX2L	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	

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

FLN7A7	PowerPlex® Fusion 6C					
		15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
		8	18.2,21.2	6,7	8	15,19
FLYAF3	PowerPlex® Fusion 5C					
		15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
		8		6,7	8	15,19
FMCLCL	Identifiler® Plus					
			24,25		14,18	8,11
	4		8,10	13,15		
		8,11	9,11		12,14.2	12.2,13.2
		29,36		X	10,12	20,22
				6,7	8	15,19
FMTV9T	GlobalFiler™					
		15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15,15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
			18.2,21.2	6,7	8,8	15,19
FQWDC	GlobalFiler™					
		15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
			18.2,21.2	6,7	8	15,19
FVNVLZ	GlobalFiler™					
		15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
			18.2,21.2	6,7	8	15,19
FXGPMB	PowerPlex® F6C					
		15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15,15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
		8,8	18.2,21.2	6,7	8,8	15,19



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

FXTN FY	PowerPlex® FUSION 5C, MiniFiler						
		15,16	24,25	11,12	14,18	NA	8,11
	4	NA	8,10	13,15	NA	15	18,19
		8,11	9,11	NA	12,14.2	12.2,13.2	NA
		29,36	10,16	X	10,12	20,22	10
		8	NA	6,7	8	15,19	
FXVBWC	PowerPlex® Fusion 6C						
		15,16	24,25	11,12	14,18		8,11
	4		8,10	13,15		15	18,19
		8,11	9,11		12,14.2	12.2,13.2	
		29,36	10,16	X	10,12	20,22	10
		8	18.2,21.2	6,7	8	15,19	
FZKHGA	PowerPlex® Fusion 6C						
		15,16	24,25	11,12	14,18		8,11
	4		8,10	13,15		15	18,19
		8,11	9,11		12,14.2	12.2,13.2	
		29,36	10,16	X	10,12	20,22	10
		8	18.2,21.2	6,7	8	15,19	
G3J6KX	PowerPlex® Fusion 6C						
		15,16	24,25	11,12	14,18		8,11
	4		8,10	13,15		15	18,19
		8,11	9,11		12,14.2	12.2,13.2	
		29,36	10,16	X	10,12	20,22	10
		8	18.2,21.2	6,7	8	15,19	
G4LNZ2	Investigator® 24plex QS						
		15,16	24,25	11,12	14,18		8,11
	4		8,10	13,15		15	18,19
		8,11	9,11		12,14.2	12.2,13.2	
		29,36	10,16	X,X	10,12	20,22	
			18.2,21.2	6,7	8	15,19	
G6AEKQ	GlobalFiler™						
		15,16	24,25	11,12	14,18		8,11
	4		8,10	13,15		15	18,19
		8,11	9,11		12,14.2	12.2,13.2	
		29,36	10,16	X	10,12	20,22	
			18.2,21.2	6,7	8	15,19	
G9PRG8	PowerPlex® 16						
					14,18		8,11
	4		8,10	13,15			
		8,11	9,11		12,14.2		
		29,36		X	10,12	20,22	10
		8		6,7	8	15,19	

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

GAQPNM	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
GAZQFM	Identifiler® Plus					
		24,25		14,18		8,11
	4	8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
		6,7	8,8	15,19		
GCE2YZ	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
GD8YTD	Investigator® 24plex					
	15,16	24,25	11,12	14,18	NA	8,11
	4	NA	8,10	13,15	NA	15,15
	8,11	9,11	NA	12,14.2	12.2,13.2	NA
	29,36	10,16	X,X	10,12	20,22	NA
	NA	18.2,21.2	6,7	8,8	15,19	
GEUWNX	GlobalFiler™					
	15,16	24,25	11,12	14,18	Not Tested	8,11
	4	Not Tested	8,10	13,15	Not Tested	15,15
	8,11	9,11	Not Tested	12,14.2	12.2,13.2	Not Tested
	29,36	10,16	X,X	10,12	20,22	Not Tested
	Not Tested	18.2,21.2	6,7	8,8	15,19	
GFVN9Y	PowerPlex® Fusion 5C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	6,7	8	15,19		
GHLR27	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	

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

GL28CJ	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
GNNYJU	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
GQP23P	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
GR7V4Y	PowerPlex® Fusion 5C, MiniFiler					
	15,16	24,25	11,12	14,18	NA	8,11
	4	NA	13,15	NA	15	18,19
	8,11	9,11	NA	12,14.2	12.2,13.2	NA
	29,36	10,16	X	10,12	20,22	10
	8	NA	6,7	8	15,19	
GT3AYJ	Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
GW3KQD	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
GXR2ND	Investigator® 24plex QS					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		

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

GY94LD	Identifiler® Plus					
		24,25		14,18		8,11
4		8,10	13,15			
		8,11	9,11	12,14.2	12.2,13.2	
		29,36	X,X	10,12	20,22	
			6,7	8,8	15,19	
H2RE3P	GlobalFiler™					
		15,16	24,25	11,12	14,18	8,11
4		8,10	13,15		15,15	18,19
		8,11	9,11	12,14.2	12.2,13.2	
		29,36	10,16	X,X	10,12	20,22
		18.2,21.2	6,7	8,8	15,19	
H4BNWM	PowerPlex® Fusion 6C					
		15,16	24,25	11,12	14,18	8,11
4		8,10	13,15		15	18,19
		8,11	9,11	12,14.2	12.2,13.2	
		29,36	10,16	X	10,12	20,22
		8	18.2,21.2	6,7	8	15,19
H4UJC4	PowerPlex® Fusion					
		15,16	24,25	11,12	14,18	8,11
4		8,10	13,15		15,15	18,19
		8,11	9,11	12,14.2	12.2,13.2	
		29,36	10,16	X,X	10,12	20,22
		8,8	6,7	8,8	15,19	10,10
H8JPA8	PowerPlex® Fusion 6C					
		15,16	24,25	11,12	14,18	8,11
4		8,10	13,15		15	18,19
		8,11	9,11	12,14.2	12.2,13.2	
		29,36	10,16	X	10,12	20,22
		8	18.2,21.2	6,7	8	15,19
H97M37	PowerPlex® Fusion 6C					
		15,16	24,25	11,12	14,18	8,11
4		8,10	13,15		15	18,19
		8,11	9,11	12,14.2	12.2,13.2	
		29,36	10,16	X	10,12	20,22
		8	18.2,21.2	6,7	8	15,19
HACW7W	PowerPlex® 16 HS, ESX17 (Promega)					
		15,16	24,25	11,12	14,18	8,11
4		8,10	13,15		15,15	18,19
		8,11	9,11	12,14.2	12.2,13.2	
		29,36	10,16	X,X	10,12	20,22
		8,8	18.2,21.2	6,7	8,8	15,19

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

HD6L4B	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
HDKZ6E	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
HDMUY7	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
HF7U4F	GlobalFiler™, MiniFiler					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
HJAD9M	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
HN3N2D	GlobalFiler™, MiniFiler					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
HQQATN	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	

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

HVD4LF	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
HYPL97	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
HZV7QY	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
J33QEE	GlobalFiler™, MiniFiler					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
J4JE6P	NGM Select					
	15,16	24,25	11,12	14,18		
	4		13,15		15,15	18,19
		9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X		20,22	
	18.2,21.2	6,7		15,19		
JFLGYM	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	
JGY4JM	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	

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

JGZRYT	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
JH96D9	PowerPlex® Fusion					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
JHQ3HT	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
JJMGE	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
JJP6MQ	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
JL4X74	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
JLA4UT	Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	

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

JNYBEP	Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
JPV27Q	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
JQK62H	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
JRV44E	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
JVP7KY	Identifiler® Plus					
		24,25		14,18		8,11
4		8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
			6,7	8,8	15,19	
JW8XXP	PowerPlex® Fusion					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8		6,7	8	15,19	
JWJU3U	PowerPlex® Fusion					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8		6,7	8,8	15,19	



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

JX9NEL	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
JZND3	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
K3C8Q4	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	
K3D63Z	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
K46ZLM	PowerPlex® Fusion					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8		6,7	8	15,19	
K62FZK	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
KC4GGM	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	

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

KCX97D	Identifiler® Plus, GlobalFiler™					
		15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15,15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
		18.2,21.2	6,7	8,8	15,19	
KGRCXC	GlobalFiler™, MiniFiler					
		15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
		18.2,21.2	6,7	8	15,19	
KGUXMK	GlobalFiler™					
		15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15,15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
		18.2,21.2	6,7	8,8	15,19	
KGXPK9	GlobalFiler™					
		15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15,15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
		18.2,21.2	6,7	8,8	15,19	
KKETHQ	Identifiler® Plus					
			24,25		14,18	8,11
	4		8,10	13,15		
		8,11	9,11		12,14.2	12.2,13.2
		29,36		X	10,12	20,22
			6,7	8	15,19	
KLHREQ	PowerPlex® Fusion 6C					
		15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
	8	18.2,21.2	6,7	8	15,19	
KPZRVR	PowerPlex® Fusion 6C, 5C					
		15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
	8	18.2,21.2	6,7	8	15,19	

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

KT4Q2J	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	
KTNDCL	PowerPlex® Fusion					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8		6,7	8,8	15,19	
KTZXDJ	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
KUJWF9	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
KVLYXX	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
KVN MJH	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
KYA7NL	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	

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	
<b>Item 4 - STR Results</b>						
L296CJ	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
L4N4YU	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
L7BVQC	Identifiler® Plus					
		24,25		14,18		8,11
4		8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X	10,12	20,22	
			6,7	8	15,19	
L8HDML	Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
L8WVDK	PowerPlex® Fusion, ESX 17					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
L9UVZZ	GlobalFiler™					
	15,16	24,25	11,12	14,18	-	8,11
4		8,10	13,15	-	15	18,19
	8,11	9,11	-	12,14.2	12.2,13.2	-
	29,36	10,16	X	10,12	20,22	-
	-	18.2,21.2	6,7	8	15,19	
LDPW4E	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	

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

LJF2X4	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
LL6DZV	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
LMCPEB	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
LMDQ7N	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
LP6JF2	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
LPGFEY	PowerPlex® Fusion					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8		6,7	8	15,19	
LR7M32	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	

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

LT4W86	PowerPlex® 21					
	15,16	24,25		14,18		8,11
4	12,14	8,10	13,15			18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	10,10
	8,8		6,7	8,8	15,19	
LU722R	PowerPlex® 16 HS					
				14,18		8,11
4		8,10	13,15			
	8,11	9,11		12,14.2		
	29,36		X,X	10,12	20,22	10,10
	8,8		6,7	8,8	15,19	
LUALQF	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
LUXN7J	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
LVAGV6	PowerPlex® 21					
	15,16	24,25		14,18		8,11
4	12,14	8,10	13,15			18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	10,10
	8,8		6,7	8,8	15,19	
LVPYJJ	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
MCP2ZN	Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	

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

MDMJUC	PowerPlex® Fusion					
	15,16	24,[25]	[11],12	14,18		8,[11]
	4	8,[10]	[13],15		15	18,[19]
	[8],11	9,11		12,14.2	12.2,13.2	
	29,[36]	10,16	X	10,[12]	20,22	10
	8		6,[7]	8	15,19	
MEA6EM	NGM SElect					
	15,16	24,25	11,12	14,18		
	4		13,15		15,15	18,19
		9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X		20,22	
	18.2,21.2		6,7		15,19	
MEZ4P8	Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2		6,7	8	15,19	
MG3WVY	PowerPlex® Fusion 5C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8		6,7	8	15,19	
MJPKYC	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2		6,7	8	15,19	
MKK46K	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	
MLGE39	Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2		6,7	8	15,19	

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

MLTBDE	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
MPJHRA	Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
MTUMBW	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
MVJUVU	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
MVZ8YW	GlobalFiler™					
	15,16	24,25	11,12	14,18	NT	8,11
	4	8,10	13,15	NT	15,15	18,19
	8,11	9,11	NT	12,14.2	12.2,13.2	NT
	29,36	10,16	X,X	10,12	20,22	NT
	18.2,21.2	6,7	8,8	15,19		
MXEAFH	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
MXWAH8	Investigator® 24plex QS					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		



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

MY24QD	Identifiler®					
		24,25		14,18		8,11
4		8,10	13,15			
		8,11	9,11	12,14.2	12.2,13.2	
		29,36	X,X	10,12	20,22	
			6,7	8,8	15,19	
MZHDP6	Identifiler® Plus					
		24,25		14,18		8,11
4		8,10	13,15			
		8,11	9,11	12,14.2	12.2,13.2	
		29,36	X,Y	10,12	20,22	
			6,7	8,8	15,19	
N24BPV	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15,15	18,19
		8,11	9,11	12,14.2	12.2,13.2	
		29,36	10,16	X,X	10,12	20,22
		18.2,21.2	6,7	8,8	15,19	
N3F2XZ	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15,15	18,19
		8,11	9,11	12,14.2	12.2,13.2	
		29,36	10,16	X,X	10,12	20,22
		18.2,21.2	6,7	8,8	15,19	
NA2WXH	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15,15	18,19
		8,11	9,11	12,14.2	12.2,13.2	
		29,36	10,16	X,X	10,12	20,22
		18.2,21.2	6,7	8,8	15,19	
NEXKKW	PowerPlex® F6C					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15,15	18,19
		8,11	9,11	12,14.2	12.2,13.2	
		29,36	10,16	X,X	10,12	20,22
		8,8	18.2,21.2	6,7	8,8	15,19
NHK6PZ	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
		8,11	9,11	12,14.2	12.2,13.2	
		29,36	10,16	X	10,12	20,22
		8	18.2,21.2	6,7	8	15,19

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

NJB8JF	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
NKL9E3	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
NLUH2T	PowerPlex® Fusion 5C, MiniFiler					
	15,16	24,25	11,12	14,18	NA	8,11
	4	8,10	13,15	NA	15	18,19
	8,11	9,11	NA	12,14.2	12.2,13.2	NA
	29,36	10,16	X	10,12	20,22	10
	8	NA	6,7	8	15,19	
NMVDUC	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
NNEEQ	GlobalFiler™					
	15,16	24,25	11,12	14,18	Not Tested	8,11
	4	8,10	13,15	Not Tested	15,15	18,19
	8,11	9,11	Not Tested	12,14.2	12.2,13.2	Not Tested
	29,36	10,16	X,X	10,12	20,22	Not Tested
	Not Tested	18.2,21.2	6,7	8,8	15,19	
NPR7AM	Identifiler® Plus					
		24,25		14,18		8,11
	4	8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
		6,7	8,8	15,19		
NQ6HEJ	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		

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

NTQCYQ	GlobalFiler™, MiniFiler					
		15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15,18,19
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
		18.2,21.2	6,7	8	15,19	
NURBHE	GlobalFiler™					
		15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15,18,19
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
		18.2,21.2	6,7	8,8	15,19	
NV8BU2	PowerPlex® Fusion 6C					
		15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15,18,19
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
	8	18.2,21.2	6,7	8	15,19	
NW24KE	GlobalFiler™					
		15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15,18,19
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
		18.2,21.2	6,7	8,8	15,19	
NWCW7F	GlobalFiler™					
		15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15,18,19
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
		18.2,21.2	6,7	8	15,19	
NXLB8U	GlobalFiler™					
		15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15,18,19
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
		18.2,21.2	6,7	8,8	15,19	
NZWYXL	Investigator® 24plex					
		15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15,18,19
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
		18.2,21.2	6,7	8,8	15,19	

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

P44YGQ	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
P8DMR3	GlobalFiler™					
	15,16	24,25	11,12	14,18	N/A	8,11
	4	N/A	13,15	N/A	15	18,19
	8,11	9,11	N/A	12,14.2	12.2,13.2	N/A
	29,36	10,16	X	10,12	20,22	N/A
	18.2,21.2	6,7	8	15,19		
PAGFL2	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
PAHDWW	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
PBEXGB	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
PBLAUR	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
PCJFHD	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		

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

PEUH8X	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
PGDKW3	Identifiler® Plus					
		24,25		14,18		8,11
	4	8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
		6,7	8,8	15,19		
PHJ2YE	Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
PJMM22	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
PLDTE7	GlobalFiler™, MiniFiler					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
PQFYLG	Identifiler® Plus					
		17,19,24,25		14,15,16,17,18		8,11,12
	4	8,10,11,12	10,12,13,15,16			
	8,9,11,12,13	9,10,11,12		12,14.2,17	12,12.2,13,13.2,15	
	29,31,31.2,36		X,Y	9,10,11,12	20,22,23	
		6,7,9	8	15,16,18,19		
PTU3AU	Investigator® 24plex QS					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		

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

PX7ZEG	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
Q4GUHN	GlobalFiler™					
	15,16	24,25	11,12	14,18	N/A	8,11
	4	N/A	13,15	N/A	15,15	18,19
	8,11	9,11	N/A	12,14.2	12.2,13.2	N/A
	29,36	10,16	X,X	10,12	20,22	N/A
	18.2,21.2	6,7	8,8	15,19		
Q4NXKV	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	18.2,21.2	6,7	8	15,19		
Q8BBF6	Identifiler® Plus					
		24,25		14,18		8,11
	4	8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
		6,7	8,8	15,19		
Q9HU82	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		INC	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
QCFD4R	Identifiler® Plus					
	-	24,25	-	14,18	-	8,11
	4	8,10	13,15	-	-	-
	8,11	9,11	-	12,14.2	12.2,13.2	-
	29,36	-	X,X	10,12	20,22	-
	-	6,7	8	15,19		
QDY3VZ	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		

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

QE8863	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
QFZ9ZJ	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
QGTBDZ	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
QGZZ9E	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
		18.2,21.2	6,7	8	15,19	
QKEWHU	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
QMPGR6	Identifiler® ID+					
		24,25		14,18		8,11
4		8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
			6,7	8,8	15,19	
QQ6AHX	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	

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

QQKGR9	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
QRX492	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
QV6QFW	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
QVDLA4	Investigator® 24plex					
	15,16	24,25	11,12	14,18	N/A	8,11
	4	N/A	8,10	13,15	N/A	15,15
	8,11	9,11	N/A	12,14.2	12.2,13.2	N/A
	29,36	10,16	X,X	10,12	20,22	N/A
	N/A	18.2,21.2	6,7	8,8	15,19	
QVE98W	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
QVEBW2	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
QWBTRB	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		



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

QWRZXT	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
QYDNHD	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
QYPQPK	PowerPlex® Fusion5C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10
	8	6,7	8	15,19		
QZLUQ9	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
R2Q7JT	PowerPlex® Fusion					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	6,7	8	15,19		
R3EARV	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
R9R6BH	PowerPlex® Fusion 5C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	6,7	8	15,19		

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

RB6NKF	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
RB8MHA	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
REJHZD	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
REMV7A	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
RFCGA6	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
RNQ4MF	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
RNQCC7	GlobalFiler™, MiniFiler					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		

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

RPNEF3	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
RQDTKD	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
RUFK4R	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
RV9Q2H	Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
RWM3Y2	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
RWZJ6M	GlobalFiler™					
	15,16	24,25	11,12	14,18	NA	8,11
	4	NA	13,15	NA	15,15	18,19
	8,11	9,11	NA	12,14.2	12.2,13.2	NA
	29,36	10,16	X,X	10,12	20,22	NA
	NA	18.2,21.2	6,7	8,8	15,19	
RYD46P	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		

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

RZG24J	GlobalFiler™	15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15,15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
			18.2,21.2	6,7	8,8	15,19
T2CYZX	PowerPlex® Fusion 6C	15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
		8	18.2,21.2	6,7	8	15,19
T2Y9DM	GlobalFiler™	15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
			18.2,21.2	6,7	8	15,19
T32AN6	GlobalFiler™	15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
			18.2,21.2	6,7	8	15,19
T6U322	GlobalFiler™	15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15,15
		8,11	9,11		inc	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
			18.2,21.2	6,7	8,8	15,19
T7K8EG	Identifiler® Plus, MiniFiler		24,25		14,18	8,11
	4		8,10	13,15		
		8,11	9,11		12,14.2	12.2,13.2
		29,36		X	10,12	20,22
				6,7	8	15,19
T8VZHV	GlobalFiler™	15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15,15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
			18.2,21.2	6,7	8,8	15,19

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

T9WZJW	PowerPlex® Fusion 6C						
		15,16	24,25	11,12	14,18	NA	8,11
	4	NA	8,10	13,15	NA	15	18,19
		8,11	9,11	NA	12,14.2	12.2,13.2	NA
		29,36	10,16	X	10,12	20,22	10
		8	18.2,21.2	6,7	8	15,19	
TA6A88	GlobalFiler™						
		15,16	24,25	11,12	14,18		8,11
	4		8,10	13,15		15,15	18,19
		8,11	9,11		12,14.2	12.2,13.2	
		29,36	10,16	X,X	10,12	20,22	
			18.2,21.2	6,7	8,8	15,19	
TC8B7J	Identifiler® Plus						
		-	24,25	-	14,18	-	8,11
	4	-	8,10	13,15	-	-	-
		8,11	9,11	-	12,14.2	12.2,13.2	-
		29,36	-	X,X	10,12	20,22	-
		-	-	6,7	8	15,19	
TDP2UV	GlobalFiler™						
		15,16	24,25	11,12	14,18		8,11
	4		8,10	13,15		15	18,19
		8,11	9,11		12,14.2	12.2,13.2	
		29,36	10,16	X	10,12	20,22	
			18.2,21.2	6,7	8	15,19	
TFCGDQ	GlobalFiler™						
		15,16	24,25	11,12	14,18		8,11
	4		8,10	13,15		15	18,19
		8,11	9,11		12,14.2	12.2,13.2	
		29,36	10,16	X	10,12	20,22	
			18.2,21.2	6,7	8	15,19	
TLLVRU	PowerPlex® Fusion 6C						
		15,16	24,25	11,12	14,18		8,11
	4		8,10	13,15		15	18,19
		8,11	9,11		12,14.2	12.2,13.2	
		29,36	10,16	X	10,12	20,22	10
		8	18.2,21.2	6,7	8	15,19	
TLUAYA	Identifiler® Plus						
			24,25		14,18		8,11
	4		8,10	13,15			
		8,11	9,11		12,14.2	12.2,13.2	
		29,36		X,X	10,12	20,22	
				6,7	8,8	15,19	

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

TPX2T9	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
TQCC4U	PowerPlex® Fusion 6C, 16					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
TQZDFR	Investigator® 24plex QS					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	8	18.2,21.2	6,7	8	15,19	
TR9N4U	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
TTDETV	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
TUDBKE	PowerPlex® HS16, ESX17					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
TUYP8W	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		

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

TV3LDT	Identifiler® Plus, PowerPlex® FUSION					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8		6,7	8	15,19	
TX3YQJ	Identifiler® Plus, GlobalFiler™, Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
TXBTUR	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,INC,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,INC,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
TY6MKW	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
U9BNKM						
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
U9TXAH	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
UAGFXG	GlobalFiler™					
	15,16	24,25	11,12	14,18	-	8,11
4	-	8,10	13,15	-	15	18,19
	8,11	9,11	-	12,14.2	12.2,13.2	-
	29,36	10,16	X	10,12	20,22	-
	-	18.2,21.2	6,7	8	15,19	

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

UFJH3G	Identifiler® Plus					
		24,25		14,18		8,11
4		8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
			6,7	8,8	15,19	
UGE29P	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18	-	8,11
4	-	8,10	13,15	-	15	18,19
	8,11	9,11	-	12,14.2	12.2,13.2	-
	29,36	10,16	X,X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
UGKDXL	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
UKHU3N	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
UM8XZ2	PowerPlex® FUSION					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8		6,7	8	15,19	
UNM8B3	GlobalFiler™, MiniFiler					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
UQTJ7V	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	



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

URQXLN	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
UU6TXZ	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
UVEZWL	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
UX7TXW	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
UYDZCH	Identifiler® Plus, GlobalFiler™, Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
V2J63C	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
V2NCRR	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	

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

V4CRBM	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
V6KV2C	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	
V6ZJVC	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
V937PG	Identifiler® Plus					
		24,25		14,18		8,11
	4	8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
		6,7	8,8	15,19		
V93EL8	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	
VAC7QG	Identifiler® Plus					
		24,25		14,18		8,11
	4	8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
		6,7	8	15,19		
VDEAFH	PowerPlex® Fusion, CS7, PP21, Verifiler EXPRESS					
	15,16	24,25	11,12	14,18		8,11
	4	12,14	8,10	13,15		15,15
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8		6,7	8,8	15,19	

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

VH84JC	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
VMNLW2	GlobalFiler™ , MiniFiler					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
VN29EF	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
VRHFU3	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
WBGPB	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
WFYW2	GlobalFiler™ , MiniFiler					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
WGGQ4U	PowerPlex® Fusion					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	

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

VXLKN8	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
VYUMAR	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
W467YC	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
W4QGAT	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18	N/A	8,11
	4	N/A	8,10	13,15	N/A	15
	8,11	9,11	N/A	12,14.2	12.2,13.2	N/A
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
W7BKD6	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
WB3RYY	PowerPlex® Fusion					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8		6,7	8	15,19	
WB9YA8	PowerPlex® Fusion					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8		6,7	8	15,19	

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

WCZ3XM	Investigator® 24plex QS					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
WD7RQH	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
WHBVDT	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
WJNPZT	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
WK9U2B	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
WLLDX2	Identifiler® Plus					
		24,25		14,18		8,11
	4	8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X	10,12	20,22	
		6,7	8	15,19		
WLRCM6	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		

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

WLTFXM	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
WVR7B3	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
WYNURA	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
WZ8E39	Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
X68GYK	Identifiler® Plus					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
X8ZB2V	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
X8ZBYA	PowerPlex® Fusion					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8		6,7	8,8	15,19	

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

XBPKEH	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
XCBEV4	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
XDM8G6	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
XFNDVB	GlobalFiler™, NGM SElect					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
XGANAC	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
XLLMNQ	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
XMDLPH	PowerPlex® Fusion 5C, MiniFiler					
	15,16	24,25	11,12	14,18	N/A	8,11
	4	N/A	8,10	13,15	N/A	15
	8,11	9,11	N/A	12,14.2	12.2,13.2	N/A
	29,36	10,16	X	10,12	20,22	10
	8	N/A	6,7	8	15,19	

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

XN6FQT	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
XQZ493	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
XUC7TX	PowerPlex® ESI 17 Pro, ESX 17					
	15,16	24,25	11,12	14,18		
	4		13,15		15	18,19
		9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7		15,19	
XVRE9E	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
XZNYA4	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
Y32C2P	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
Y3NMZY	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	



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

Y69PR4	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	
Y8KBKR	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
Y8TLA3	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
YGKYBN	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
YLGAX9	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	
YQD6C2	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
		18.2,21.2	6,7	8	15,19	
YQQV8D	PowerPlex® Fusion 5C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10
	8		6,7	8	15,19	

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

YR62YB	Investigator® 24plex	15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
			18.2,21.2	6,7	8	15,19
YRX74G	Identifiler® Plus		24,25		14,18	8,11
	4		8,10	13,15		
		8,11	9,11		12,14.2	12.2,13.2
		29,36		X	10,12	20,22
				6,7	8	15,19
YTL8HL	Investigator® 24plex QS	15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
			18.2,21.2	6,7	8	15,19
YUQ4DA	PowerPlex® 16, ESX17	15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
		8	18.2,21.2	6,7	8	15,19
YVQXLU	GlobalFiler™	15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15,15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
			18.2,21.2	6,7	8,8	15,19
YWG4YZ	GlobalFiler™	15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X	10,12	20,22
			18.2,21.2	6,7	8	15,19
YX6PAM	GlobalFiler™	15,16	24,25	11,12	14,18	8,11
	4		8,10	13,15		15,15
		8,11	9,11		12,14.2	12.2,13.2
		29,36	10,16	X,X	10,12	20,22
			18.2,21.2	6,7	8,8	15,19

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

YY83JP	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
Z37Z73	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
Z3JKQK	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
		18.2,21.2	6,7	8	15,19	
Z3KJYK	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
Z4ANJR	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
Z4YPT4	Identifiler®					
		24,25		14,18		8,11
4		8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
			6,7	8	15,19	
Z6PZ64	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	

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

Z6V63F	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
Z73NP3	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
Z8GTG2	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
Z8QXNH	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
Z9UFYF	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	
	18.2,21.2	6,7	8	15,19		
ZBDR9P	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	
ZBHVD3	PowerPlex® Fusion 5C					
	15,16	24,25	11,12	14,18		8,11
	4	8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8		6,7	8	15,19	

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

ZF7ME4	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	10,10
	8,8	18.2,21.2	6,7	8,8	15,19	
ZFPLF9	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
ZG299V	Investigator® 24plex					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
ZHDCBL	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
ZLZTZL	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
ZNGWW6	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	
ZNMEN3	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4		8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
		18.2,21.2	6,7	8,8	15,19	

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

ZTDM73	PowerPlex® Fusion 6C					
	15,16	24,25	11,12	14,18	-	8,11
4	-	8,10	13,15	-	15	18,19
	8,11	9,11	-	12,14.2	12.2,13.2	-
	29,36	10,16	X	10,12	20,22	10
	8	18.2,21.2	6,7	8	15,19	
ZU4QQH	PowerPlex® Fusion					
	15,16	24,25	11,12	14,18		8,11
4	-	8,10	13,15	-	15	18,19
	8,11	9,11	-	12,14.2	12.2,13.2	-
	29,36	10,16	X	10,12	20,22	10
	8		6,7	8	15,19	
ZV3643	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
4	-	8,10	13,15	-	15	18,19
	8,11	9,11	-	12,14.2	12.2,13.2	-
	29,36	10,16	X	10,12	20,22	10
		18.2,21.2	6,7	8	15,19	

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 4e - STR Results

2KH9M2	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4e	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
47MPUF	GlobalFiler™					
	15,16	24,25	11,12	14,18		8,11
	4e	8,10	13,15		15,15	18,19
	8,11	9,11		12,14.2	12.2,13.2	
	29,36	10,16	X,X	10,12	20,22	
	18.2,21.2	6,7	8,8	15,19		
88AABV	Identifiler®					
		24,25		14,18		8,11
	4e	8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
		6,7	8,8	15,19		
HRX97H	Identifiler® Plus					
		24,25		14,18		8,11
	4e	8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
		6,7	8,8	15,19		
MAHVD2	Identifiler® Plus					
		24,25		14,18		8,11
	4e	8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
		6,7	8,8	15,19		

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 4sp - STR Results

2KH9M2	GlobalFiler™					
4sp	[REDACTED]					
47MPUF	GlobalFiler™					
4sp	ND	[25]	ND	[14],[18]		ND
		ND	[15]		[15]	ND
	ND	[9]		[14.2]	[12.2]	
	[29]	[10]	[X]	[10]	ND	
		[21.2]	[6],[7]	ND	ND	
88AABV	Identifiler®					
4sp	[REDACTED]					
HRX97H	Identifiler® Plus					
4sp	[REDACTED]					
MAHVD2	Identifiler® Plus					
4sp		24,25		14,18		8,11
		8,10	13,15			
	8,11	9,11		12,14.2	12.2,13.2	
	29,36		X,X	10,12	20,22	
			6,7	8,8	15,19	



# 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

24DJUB	PowerPlex® Fusion 6C											
1												NR
												NR
												NR
289HY8	Investigator® 24plex											
1												no result
29LY8F	PowerPlex® Fusion 5C											
1	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
2BRGD3	GlobalFiler™											
1												No Results
												No Results
2C62Z7	PowerPlex® Fusion 6C											
1												
2GJNWC	Yfiler®, GlobalFiler™											
1	-	-	-	-	-	-	-	-	-	-		
	-	-	-	-	-	-	-	-	-	-		
2LXATA	PowerPlex® Fusion 6C											
1												NR
												NR
												NR
2PB7BK	PowerPlex® Fusion 6C											
1												
												-
												-
2WV49T	GlobalFiler™											
1												
2X6BBL	GlobalFiler™											
1												NR
												NR
												NR
2YRZAE	GlobalFiler™, Investigator® 24plex QS											
1	Not Tested	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	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 1 - YSTR Results

2ZQ7K8	Investigator® 24plex										
1	No Reaction										
32NNK3	GlobalFiler™										
1	No Results										
33BAY7	Yfiler®										
1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR					
								NR		NR	
344DH6	GlobalFiler™										
1											
39KJHZ	GlobalFiler™ Express										
1											
3CG683	GlobalFiler™										
1											
3H7MJT	GlobalFiler™ Express										
1	NT	NT	NT	NT	NT	NT	NR	NT	NT	NT	
	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NR
3LM74N	PowerPlex® Fusion 6C										
1											
3LQJ8Y	GlobalFiler™										
1	NR										
	NR										
3LUYMK	PowerPlex® Fusion 5C										
1	NR										
3WNE7E	PowerPlex® Fusion 5C										
1	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
3XJ4H9	PowerPlex® Fusion 6C										
1	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 1 - YSTR Results

446BU2	GlobalFiler™										
1	No results										
	No results										
47MPUF	GlobalFiler™										
1	ND										
	ND										
4KALMY	PowerPlex® Fusion										
1	N/A										
4KAWT3											
1											
4KTNZ2	GlobalFiler™										
1											
62BWK3	PowerPlex® Fusion 6C										
1											
63A99H	GlobalFiler™										
1											
67T46B	Yfiler®, GlobalFiler™										
1	-	-	-	-	-	-	-	-	-	-	-
68MRM7	Yfiler®, GlobalFiler™ Express										
1											
69V2KH	GlobalFiler™										
1	NR										
	NR										
6BUPF6	GlobalFiler™										
1	-	-	-	-	-	-	NR	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	NR
6CQTGT	GlobalFiler™										
1	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 1 - YSTR Results

6CXZQV	GlobalFiler™										
1											
6F89VR	Investigator® 24plex										
1											
6K98NK	PowerPlex® Fusion 6C										
1											NR
			NR		NR						
6MCZHJ	PowerPlex® Fusion 6C										
1											
6MWQCN	Investigator® 24plex										
1											
6TGUDY	PowerPlex® Fusion 5C										
1											
6WHX78	GlobalFiler™										
1											
72TEYM	GlobalFiler™										
1											
76TN6J	PowerPlex® Fusion 6C										
1											
799VTH	PowerPlex® Fusion 6C										
1											
79BMKY	PowerPlex® Fusion 6C										
1											
7FPT7G	PowerPlex® Fusion 6C Direct										
1											

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

7L89C8	PowerPlex® Y 23											
1	-	-	-	-	-	-	-	-	-	-	-	-
7X7QJ2	PowerPlex® Fusion 6C											
1	[REDACTED]											
7XLA4Y	PowerPlex® Fusion											
1	[REDACTED]											
84DQBX	PowerPlex® Fusion 6C											
1	[REDACTED]											
84QDHY	PowerPlex® Fusion											
1	INC											
8BMA8M	Yfiler®, GlobalFiler™											
1	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	no results	N/A	no results	no results	N/A	N/A	N/A	N/A	no results	no results
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	no results	N/A	no results	no results	no results
8D3CHG	PowerPlex® Fusion 6C											
1	[REDACTED]											
8EMJEH	PowerPlex® Fusion 6C											
1	[REDACTED]											
8GCMBW	GlobalFiler™											
1	[REDACTED]											
8MTWVF	PowerPlex® Fusion 6C											
1	[REDACTED]											
8PMWQC	GlobalFiler™											
1	N/T	N/T	N/T	N/T	N/T	N/T	No Result	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	No Result
8TTBGG	GlobalFiler™											
1	[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 1 - YSTR Results

8UPYRY	GlobalFiler™									
1	[REDACTED]									
96ZKPD	GlobalFiler™									
1	[REDACTED]									
97FQ7N	GlobalFiler™ Express									
1	[REDACTED]									
9EUTA6	Yfiler®, GlobalFiler™									
1	-	-	-	-	-	-	-	-	-	-
9QYY6N	Investigator® 24plex									
1	[REDACTED]									
9RCMGN	GlobalFiler™ Express									
1	[REDACTED]									
9RGY6K	GlobalFiler™									
1	[REDACTED]									
A42YBD	PowerPlex® Fusion 5C									
1	NR									
A76UQU	GlobalFiler™									
1	[REDACTED]									
A8P8RE	GlobalFiler™ Express									
1	NR									
AAMRJQ	Yfiler® Plus, GlobalFiler™									
1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
		NR		NR	NR		NR	NR		NR
ABEYF9	Yfiler® Plus									
1	[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 1 - YSTR Results

ABV7J6	GlobalFiler™										
1											NR
ACWUD3	Investigator® 24plex										
1											NR
ADUCBC	PowerPlex® Fusion										
1											NR
AFV4LJ	Investigator® 24plex										
1	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	NA
AVRK9W	PowerPlex® Fusion 6C										
1											
BE2QPH	GlobalFiler™										
1											
BG8C84	GlobalFiler™										
1											
BGRUBX	GlobalFiler™										
1											
BJTZLP	GlobalFiler™										
1											NR
BN64CR	PowerPlex® Fusion 6C										
1	-	-	-	-	-	-	No Peaks	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	No Peaks	No Peaks	-	-	-	-	-	-
BPTGQN	GlobalFiler™, PowerPlex® Fusion 6C										
1											
BPX2QX	GlobalFiler™										
1											

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

C2CA7Q	GlobalFiler™ Express										
1											
C3HUR6	GlobalFiler™										
1											
C4ZR9W	GlobalFiler™ Express										
1							NR				
										NR	
C6BK2Q	GlobalFiler™ Express										
1											
CBYEZW	GlobalFiler™										
1							NR				
										NR	
CDDZGH	GlobalFiler™										
1							No results				
										No results	
CGLXG7	GlobalFiler™										
1											
CJU8EH	Investigator® 24plex QS										
1											
CTJW7Q	GlobalFiler™ Express										
1											
DBAKRQ	GlobalFiler™										
1							--				
										--	
DC3DRG	Investigator® 24plex										
1											
DDJKXX	PowerPlex® Fusion 6C										
1							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 1 - YSTR Results

DNZ92K	PowerPlex® Y 23, GlobalFiler™, PowerPlex® Fusion 6C										
1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
DXQTCW	GlobalFiler™										
1	-	-	-	-	-	-	NR	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	NR
E4NWP9	GlobalFiler™										
1											
E67RGM	PowerPlex® Fusion 6C										
1											
E6LDLJ	PowerPlex® Y 23, GlobalFiler™, PowerPlex® Fusion 6C										
1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
EGWMJU	GlobalFiler™ Express										
1	NR										
	NR										
EJMNMW	PowerPlex® Fusion 6C										
1	NR										
	NR NR										
ETP4BF	PowerPlex® Fusion 5C										
1	NR										
EVWF4Q	GlobalFiler™ Express										
1	NR										
	NR										
EWZBF2	PowerPlex® Fusion 5C										
1	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
EXV34T	GlobalFiler™										
1	NR										
	NR										
F2W8QD	Investigator® 24plex										
1											

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

FAAA27	GlobalFiler™										
1	NR										
NR											
FEPHP7	PowerPlex® Fusion 6C Direct										
1											
FHG8BH	GlobalFiler™										
1	None										
None											
FKQX2L	PowerPlex® Fusion 6C										
1											
FLYAF3	PowerPlex® Fusion 5C										
1	NR										
FMTV9T	GlobalFiler™										
1	-										
-											
FVNVLZ	GlobalFiler™										
1											
FXGPMB	PowerPlex® Fusion 6C										
1											
FXTNFY	PowerPlex® Fusion 5C										
1	NA	NA	NA	NA	NA	NA	NE/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
G3J6KX	PowerPlex® Y 23										
1	-	-	-	-	-	-	-	-	-	-	
	-	-	-	-	-	-	-	-	-	-	
	-	-	-	-	-	-	-	-	-	-	
G6AEKQ	GlobalFiler™										
1											
GAQPNM	GlobalFiler™										
1											

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

GD8YTD	Investigator® 24plex										
1	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	NA	NA	NA	NA	NA	NA	NA
GEUWNX	GlobalFiler™, Investigator® 24plex QS										
1	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	No Results	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	No Results
GHLR27	PowerPlex® Fusion 6C										
1	[REDACTED]										
GQP23P	GlobalFiler™										
1	[REDACTED]										
GR7V4Y	PowerPlex® Fusion 5C										
1	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
GXR2ND	Investigator® 24plex QS										
1	[REDACTED]										
H2RE3P	GlobalFiler™										
1	[REDACTED]										
H4BNWM	PowerPlex® Fusion 6C										
1	[REDACTED]										
HDKZ6E	GlobalFiler™										
1	no results										
	no results										
HDMUY7	GlobalFiler™ Express										
1	NR										
	NR										
HF7U4F	GlobalFiler™ Express										
1	[REDACTED]										
	[REDACTED]										
HN3N2D	GlobalFiler™ Express										
1	[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 1 - YSTR Results

HQQATN	PowerPlex® Fusion 6C										
1											
HVD4LF	GlobalFiler™	no results									
1		no results									
HYPL97	PowerPlex® Fusion 6C										
1											
HZV7QY	GlobalFiler™	NR									
1		NR									
J33QEE	GlobalFiler™ Express	-									
1		-									
J64VMD	PowerPlex® Fusion 6C										
1											
JFLGYM	PowerPlex® Fusion 6C										
1											
JGY4JM	PowerPlex® Fusion 6C										
1											
JJMGE	GlobalFiler™	NR									
1		NR									
JJP6MQ	GlobalFiler™										
1											
JPV27Q	PowerPlex® Fusion 6C	NR									
1		NR									
JRV44E	GlobalFiler™	NR									
1		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 1 - YSTR Results

JVQ6U	Yfiler®, GlobalFiler™ Express										
1	[REDACTED]										
JX9NEL	PowerPlex® Fusion 6C										
1	[REDACTED]										
JZF2ZT	Yfiler®, GlobalFiler™ Express										
1	[REDACTED]										
JZND43	PowerPlex® Fusion 6C										
1	NR										
				NR	NR						
KC4GGM	PowerPlex® Fusion 6C										
1	[REDACTED]										
KCX97D	GlobalFiler™										
1	No results										
											No results
KGRCXC	GlobalFiler™ Express										
1	-										
KGUXMK	Yfiler® Plus, GlobalFiler™										
1	--	--	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--	--
		--		--	--		--	--		--	--
KT4Q2J	PowerPlex® Fusion 6C										
1	[REDACTED]										
KVLYXX	GlobalFiler™										
1	[REDACTED]										
KYA7NL	GlobalFiler™										
1	--										
											--
L296CJ	GlobalFiler™										
1	-										
											-

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

L4N4YU	GlobalFiler Express										
1	[REDACTED]										
LDPW4E	PowerPlex® Fusion 6C										
1	[REDACTED]										
LMCPBE	GlobalFiler™										
1	[REDACTED]										
LR7M32	GlobalFiler™										
1	[REDACTED]										
LUALQF	GlobalFiler™										
1	[REDACTED]										
MEZ4P8	Investigator® 24plex										
1	[REDACTED]										
MKK46K	PowerPlex® Fusion 6C										
1	[REDACTED]										
MTUMBW	GlobalFiler™										
1	[REDACTED] NR										
	NR										
MVJUVU	GlobalFiler™										
1	[REDACTED] NR										
	NR										
MVZ8YW	GlobalFiler™										
1	NT	NT	NT	NT	NT	NT	NR	NT	NT	NT	NT
	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NR
MXEAFH	PowerPlex® Fusion 6C										
1	[REDACTED]										
MXWAH8	Investigator® 24plex QS										
1	[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 1 - YSTR Results

N24BPV	GlobalFiler™										
1	NR										
NR											
N3F2XZ	GlobalFiler™										
1											
NA2WXH	GlobalFiler™										
1	--										
--											
NEXKKW	PowerPlex® Fusion 6C										
1	ND										
ND ND											
NHK6PZ	PowerPlex® Fusion 6C										
1											
NLUH2T	PowerPlex® Fusion 5C										
1	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
NNEEJQ	GlobalFiler™										
1	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
NURBHE	GlobalFiler™ express										
1											
NV8BU2	PowerPlex® Fusion 6C										
1											
NW24KE	GlobalFiler™										
1											
NXLB8U	GlobalFiler™										
1	no results										
no results											
P44YGQ	GlobalFiler™										
1	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 1 - YSTR Results

PBLAUR	GlobalFiler™										
1	NR										
NR											
PHJ2YE	Investigator® 24plex										
1	No Results										
NR											
PLDTE7	GlobalFiler™ Express										
1	-										
-											
PN3RYW	PowerPlex® Fusion 6C										
1	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											
PTU3AU	PowerPlex® Fusion 6C, Investigator® 24plex QS										
1											
NR											
Q4GUHN	GlobalFiler™										
1	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
QFZ9ZJ	PowerPlex® Fusion 6C										
1	NR										
NR											
NR											
QGZZ9E	GlobalFiler™										
1	No Results										
No Results											
QQ6AHX	GlobalFiler™										
1											
NR											
QQKGR9	GlobalFiler™ Express										
1	-										
-											
QV6QFW	PowerPlex® Fusion 6C										
1	NR										
NR											
NR											
QVDLA4	Investigator® 24plex										
1	N/A	N/A	N/A	N/A	N/A	N/A	No Result	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											



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

QVE98W	GlobalFiler™									
1	[REDACTED]									
QWBTRB	GlobalFiler™									
1						NR				
	[REDACTED]									
	NR									
QYDNHD	GlobalFiler™									
1	[REDACTED]									
QZLUQ9	Yfiler®, GlobalFiler™									
1	No result	No result	No result	No result	No result	No result	No result	No result	No result	No result
	No result	No result	No result	No result	No result			No result	No result	No result
								No result	No result	No result
R3EARV	PowerPlex® Fusion 6C									
1	[REDACTED]									
R6FDCH	Yfiler®, GlobalFiler™ Express									
1	[REDACTED]									
R9R6BH										
1						NR				
	[REDACTED]									
RB8MHA	PowerPlex® Fusion 6C									
1	[REDACTED]									
REJHZD	GlobalFiler™									
1	[REDACTED]									
RFCGA6	GlobalFiler™									
1	[REDACTED]									
RNQ4MF	GlobalFiler™									
1	[REDACTED]									
RNQCC7	GlobalFiler™ Express									
1	[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 1 - YSTR Results

RPNEF3	GlobalFiler™											
1											NR	
RQDTKD	GlobalFiler™											
1											No results	
RV9Q2H	Investigator® 24plex											
1												
RWZJ6M	GlobalFiler™, Investigator® 24plex QS											
1	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	
RYD46P	GlobalFiler™											
1												
RZG24J	GlobalFiler™											
1											-	
T8VZHV	GlobalFiler™											
1												
TDP2UV	GlobalFiler™ Express											
1											NR	
TQCC4U	PowerPlex® Fusion 6C											
1											NR	
											NR NR	
TQZDFR	Investigator® 24plex QS											
1												
TTDETV	PowerPlex® Fusion 6C											
1											NR	
											NR NR	
TUYP8W	GlobalFiler™ Express											
1											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 1 - YSTR Results

TXBTUR	PowerPlex® Fusion 6C Direct										
1	[REDACTED]										
TY6MKW	PowerPlex® Fusion 6C										
1	[REDACTED]										
UAGFXG	GlobalFiler™										
1	-	-	-	-	-	-	-	NR	-	-	-
	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	NR
UFJH3G	GlobalFiler™										
1	-										
UGE29P	PowerPlex® Fusion 6C										
1	-										
UNM8B3	GlobalFiler™ Express										
1	-										
URQXLN	GlobalFiler™										
1	[REDACTED]										
UU6TXZ	GlobalFiler™										
1	no results										
	no results										
V2J63C	GlobalFiler™										
1	NR										
	NR										
V6KV2C	PowerPlex® Fusion 6C										
1	[REDACTED]										
V93EL8	PowerPlex® Fusion 6C										
1	[REDACTED]										
VFPR6V	PowerPlex® Fusion 6C										
1	[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 1 - YSTR Results

VMNLW2	GlobalFiler™ Express										
1											
VRHFU3	GlobalFiler™										
1											
WFYW2	GlobalFiler™ Express										
1											
VXLKN8	PowerPlex® Fusion 6C										
1											
VYUMAR	GlobalFiler™										
1											
W467YC	GlobalFiler™										
1								NR			
											NR
W93LLT	PowerPlex® Fusion 6C										
1											
WCZ3XM	Investigator® 24plex QS										
1											
WD7RQH	GlobalFiler™										
1											
								NR			
											NR
WHBVDT	PowerPlex® Fusion 6C										
1											
WK9U2B	GlobalFiler™										
1											
								NR			
											NR
WYNURA	GlobalFiler™										
1											
								--			
											--

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

WZ8E39	Investigator® 24plex										
1	[Redacted]										
XCBEV4	GlobalFiler™										
1	NR										
	NR										
XDM8G6	PowerPlex® Fusion 5C										
1	[Redacted]										
XGANAC	PowerPlex® Fusion 6C										
1	NR										
	NR NR										
XLLMNQ	GlobalFiler™ Express										
1	NR										
	NR										
XMDLPH	PowerPlex® Fusion 5C										
1	N/A	N/A	N/A	N/A	N/A	N/A	NE/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
XQZ493	PowerPlex® Fusion 6C										
1	[Redacted]										
XVRE9E	PowerPlex® Fusion 6C										
1	NR										
	NR NR										
XZNYA4	PowerPlex® Fusion 6C										
1	[Redacted]										
Y3NMZY	GlobalFiler™										
1	[Redacted]										
Y69PR4	PowerPlex® Fusion 6C										
1	[Redacted]										
YR62YB	Investigator® 24plex										
1	no results										
	[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 1 - YSTR Results

YTL8HL 1	Investigator® 24plex QS	[REDACTED]										
YVQXLU 1	GlobalFiler™	[REDACTED]										
YWG4YZ 1	GlobalFiler™	[REDACTED]							NR	[REDACTED]		
YY83JP 1	PowerPlex® Fusion 6C	[REDACTED]										
Z37Z73 1	PowerPlex® Fusion 6C	[REDACTED]										
Z6PZ64 1	PowerPlex® Fusion 6C	[REDACTED]										
Z6V63F 1	GlobalFiler™	[REDACTED]										
Z8GTG2 1	GlobalFiler™	[REDACTED]							NR	[REDACTED]		
Z8QXNH 1	GlobalFiler™	[REDACTED]							No results	[REDACTED]		
Z9UFYF 1	GlobalFiler™	[REDACTED]										
ZBDR9P 1	PowerPlex® Fusion 6C	[REDACTED]										
ZBHVD3 1	PowerPlex® Fusion 5C	[REDACTED]							NR	[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 1 - YSTR Results

ZF7ME4	PowerPlex® Fusion 6C										
1	[Redacted]										
ZFPLF9	GlobalFiler™										
1	NR										
ZG299V	Investigator® 24plex										
1	[Redacted]										
ZHDCBL	GlobalFiler™										
1	[Redacted]										
ZLZTZL	PowerPlex® Fusion 6C Direct										
1	[Redacted]										
ZNGWW6	GlobalFiler™										
1	-										
ZU4QQH	Yfiler®, PowerPlex® Fusion										
1	NR	NR,NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR			NR		NR	
ZUHEN3	Investigator® 24plex										
1	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 2 - YSTR Results

223XT3	PowerPlex® Y 23, PowerPlex® Fusion 6C									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17		25			
	13	12	16	18			23	10	12	
224PWP	Yfiler®									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
							23		12	
24DJUB	Yfiler®, PowerPlex® Fusion 6C									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
			16	18			23		12	
26PBYZ	GlobalFiler™									
2						11				
										2
289HY8	Yfiler®									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
							23		12	
293AMY	Yfiler®, GlobalFiler™									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
							23		12	2
29LY8F	Yfiler®, PowerPlex® Fusion 5C									
2	NA	14	11,13	13	29	25	11	14	13	15
	12	12	18	NA	16	17	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	23	NA	12
										NA
2BRGD3	PowerPlex® Y 23, GlobalFiler™									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17		25			
	13	12	16	18			23	10	12	2
2C62Z7	PowerPlex® Fusion 6C									
2						11				
			16	18						
2GJNWC	Yfiler®, GlobalFiler™									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
							23		12	2
2KH9M2	GlobalFiler™									
2						11				
										2
2LXATA	PowerPlex® Fusion 6C									
2						11				
			16	18						



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

2PB7BK	PowerPlex® Fusion 6C																	
2											11							
											16	18						
2QJD87	Yfiler®																	
2	14	11,13	13	29	25	11	14	13	15									
											12	18	16	17				
											23	12						
2U3BZ3	Yfiler® Plus, GlobalFiler™																	
2	36,37	14	11,13	13	29	25	11	14	13	15								
											12	18	30	16	17	11	25	38
											13	16	18	23	23	12	2	
2WV49T	GlobalFiler™																	
2											11							
											2							
2X6BBL	Yfiler®, GlobalFiler™																	
2	14	11,13	13	29	25	11	14	13	15									
											12	18	16	17				
											23	12	2					
2YRZAE	GlobalFiler™, Investigator® 24plex QS																	
2	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	11	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
2ZQ7K8	Yfiler®																	
2	14	11,13	13	29	25	11	14	13	15									
											12	18	16	17				
											23	12						
32NNK3	PowerPlex® Y 23, GlobalFiler™																	
2	14	11,13	13	29	25	11	14	13	15									
											12	18	16	17	25			
											13	12	16	18	23	10	12	2
32TFZG	GlobalFiler™																	
2											11							
											2							
33BAY7	Yfiler®																	
2	14	11,13	13	29	25	11	14	13	15									
											12	18	16	17				
											23	12						
344DH6	GlobalFiler™																	
2											11							
											2							
37BNFU	GlobalFiler™																	
2											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 2 - YSTR Results

393CGP	Yfiler® Plus, GlobalFiler™										
2	36,37	14	11,13	13	29	25	11	14	13	15	
	12	12	18	30	16	17	11	25	38		
		13		16	18		23	23	12	2	
39BQBW	PowerPlex® Y 23, GlobalFiler™, PowerPlex® Fusion 5C										
2		14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17		25			
		13	12	16	18			23	10	12	2
39KJHZ	GlobalFiler™ Express										
2							11				
											2
39MBAG	Investigator® 24plex QS										
2							11				
3C3HXG	Yfiler®										
2		14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17					
								23		12	2
3CG683	GlobalFiler™										
2							11				
											2
3CXCBY	Yfiler®										
2		14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17					
								23		12	
3H7MJT	GlobalFiler™ Express										
2	NT	NT	NT	NT	NT	NT	11	NT	NT	NT	
	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2
3LM74N	PowerPlex® Fusion 6C										
2							11				
				16	18						
3LQJ8Y	GlobalFiler™										
2							11				
											2
3LU2CP	GlobalFiler™, Yfiler™ Plus										
2	36,37	14	11,13	13	29	25	11	14	13	15	
	12	12	18	30	16	17	11	25	38		
		13		16	18		23	23	12	2	
3LUYMK	PowerPlex® Fusion 5C										
2							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

3VNJEV	Yfiler®, PowerPlex® Fusion 5C										
2	14	11,13	13	29	25	11	14	13	15		
	12	12	18	16	17						
							23		12		
3WNE7E	Yfiler®, PowerPlex® Fusion 5C										
2	NA	14	11,13	13	29	25	11	14	13	15	
	12	12	18	NA	16	17	NA	NA	NA	NA	
	NA	NA	NA	NA	NA	NA	NA	23	NA	12	NA
3X33HR	PowerPlex® Y 23										
2	14	11,13	13	29	25	11	14	13	15		
	12	12	18	16	17		25				
		13	12	16	18		23	10	12		
3XJ4H9	Yfiler®, PowerPlex® Fusion 6C										
2	14	11,13	13	29	25	11	14	13	15		
	12	12	18	16	17						
			16	18			23		12		
3YYBXX	Yfiler®										
2	14	11,13	13	29	25	11	14	13	15		
	12	12	18	16	17						
							23		12		
446BU2	GlobalFiler™										
2						11					
											2
44Z46Y	PowerPlex® Fusion										
2						11					
4787AH											
2						11					
											2
47MPUF	GlobalFiler™										
2						11					
											2
482WDC	Yfiler®, GlobalFiler™										
2	14	11,13	13	29	25	11	14	13	15		
	12	12	18	16	17						
							23		12	2	
48WN34	Yfiler®										
2	14	11,13	13	29	25	11	14	13	15		
	12	12	18	16	17						
							23		12		
4D9KTY	PowerPlex® Y 23										
2	14	11,13	13	29	25	11	14	13	15		
	12	12	18	16	17		25				
		13	12	16	18		23	10	12		

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

4JP8G9	Yfiler®, PowerPlex® Fusion 5C, Investigator® 24plex										
2	14	11,13	13	29	25	11	14	13	15		
	12	12	18	16	17						
								23		12	
4JVD3D	Yfiler®, GlobalFiler™										
2	14	11,13	13	29	25	11	14	13	15		
	12	12	18	16	17						
								23		12	2
4KALMY	PowerPlex® Fusion										
2						11					
4KAWT3	PowerPlex® Fusion										
2						11					
											2
4KTNZ2	GlobalFiler™										
2						11					
											2
4L2QWX	Yfiler®										
2	14	11,13	13	29	25	11	14	13	15		
	12	12	18	16	17						
								23		12	
4LYCUX	Investigator® 24plex go										
2	N/A	N/A	N/A	N/A	N/A	N/A	11	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	N/A
4P24FW	Yfiler®										
2	14	11,13	13	29	25	11	14	13	15		
	12	12	18	16	17						
								23		12	
4PGCCX	GlobalFiler™										
2						11					
											2
4XC7VQ	PowerPlex® Y 23										
2	14	11,13	13	29	25	11	14	13	15		
	12	12	18	16	17		25				
	13	12	16	18			23	10	12		
4ZGYPN	PowerPlex® Y 23										
2	14	11,13	13	29	25	11	14	13	15		
	12	12	18	16	17		25				
	13	12	16	18			23	10	12		
62BWK3	PowerPlex® Fusion 6C										
2						11					
				16	18						

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

63A99H	GlobalFiler™									
2	11									
2										
63HJRE	Yfiler®									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
								23	12	2
67T46B	Yfiler®, GlobalFiler™									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
								23	12	2
68AQ7G	Yfiler®									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
								23	12	2
68MRM7	Yfiler®, GlobalFiler™ Express									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
								23	12	
68ZJAF	Yfiler® Plus									
2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25		38
		13		16	18		23	23		12
										2
69V2KH	Yfiler®, GlobalFiler™									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
								23	12	2
6ARKDX	PowerPlex® Fusion 6C									
2	11									
16 18										
6BJHUQ	Yfiler®									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
								23	12	2
6BUPF6	Yfiler® Plus, GlobalFiler™									
2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25	-	38
	-	13	-	16	18	-	23	23	-	12
										2
6CQTGT	GlobalFiler™									
2	11									
2										
6CXZQV	GlobalFiler™									
2	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 2 - YSTR Results

6F89VR	Investigator® 24plex									
2	11									
6FR2PP	Yfiler® Plus, GlobalFiler™									
2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25		38
		13		16	18		23	23		12 2
6K98NK	PowerPlex® Y 23, PowerPlex® Fusion 6C									
2		14	11,13	13	29	25	11	14	13	15
	12	12	18		16	17		25		
		13	12	16	18			23	10	12
6LEVCA	PowerPlex® Y 23									
2		14	11,13	13	29	25	11	14	13	15
	12	12	18		16	17		25		
		13	12	16	18			23	10	12
6LJ99X	PowerPlex® Fusion 6C									
2	11									
	16 18									
6MCZJH	PowerPlex® Y 23, PowerPlex® Fusion 6C									
2		14	11,13	13	29	25	11	14	13	15
	12	12	18		16	17		25		
		13	12	16	18			23	10	12
6MWQCN	Investigator® 24plex									
2	11									
6TGUDY	PowerPlex® Fusion 5C									
2	11									
6V68W3	Yfiler®, PowerPlex® Fusion									
2		14	11,13	13	29	25	11	14	13	15
	12	12	18		16	17				
								23		12
6WHX78	GlobalFiler™									
2	11									
	2									
6X7KAU	PowerPlex® Y 23, GlobalFiler™									
2		14	11,13	13	29	25	11	14	13	15
	12	12	18		16	17		25		
		13	12	16	18			23	10	12 2
6XCJZX	Yfiler®									
2		14	11,13	13	29	25	11	14	13	15
	12	12	18		16	17				
								23		12

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

6ZZ8DY	Yfiler®, PowerPlex® Fusion 6C									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
			16	18			23		12	
72TEYM	GlobalFiler™									
2						11				
										2
76TN6J	PowerPlex® Fusion 6C									
2						11				
			16	18						
78TRTJ	Yfiler®									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
			16	18			23		12	
799VTH	PowerPlex® Fusion 6C									
2						11				
			16	18						
79BMKY	PowerPlex® Fusion 6C									
2						11				
			16	18						
7EDXH4	GlobalFiler™									
2						11				
										2
7EFLVN	Yfiler® Plus, GlobalFiler™									
2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25	38	
		13		16	18		23	23	12	2
7FPT7G	PowerPlex® Fusion 6C Direct									
2						11				
			16	18						
7HFUAJ	PowerPlex® Fusion 6C									
2						11				
			16	18						
7L89C8	PowerPlex® Y 23									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17		25			
		13	12	16	18		23	10	12	
7MKNUE	Yfiler™ Plus									
2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25	38	
		13		16	18		23	23	12	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

7R22YN	GlobalFiler™											
2											11	
											2	
7TWH7	Yfiler®											
2	14	11,13	13	29	25	11	14	13	15			
											12	
											12	
											18	
											16	
											17	
											23	
											12	
											2	
7X7QJ2	PowerPlex® Fusion 6C											
2											11	
											16	
											18	
7X7T4Y	GlobalFiler™											
2											11	
											2	
7XLA4Y	PowerPlex® Fusion											
2											11	
											16	
											18	
7YV96U	PowerPlex® Fusion											
2											11	
7ZU8N3	PowerPlex® Y 23, GlobalFiler™											
2	14	11,13	13	29	25	11	14	13	15			
											12	
											12	
											18	
											16	
											17	
											25	
											23	
											10	
											12	
											2	
82NEDD	PowerPlex® Fusion 6C											
2											11	
											16	
											18	
84DQBX	PowerPlex® Fusion 6C											
2											11	
											16	
											18	
84QDHY	Yfiler®											
2	14	11,13	13	29	25	11	14	13	15			
											12	
											12	
											18	
											16	
											17	
											23	
											12	
89JEKD	Yfiler®											
2	14	11,13	13	29	25	11	14	13	15			
											12	
											12	
											18	
											16	
											17	
											23	
											12	
8BMA8M	Yfiler®, GlobalFiler™											
2	N/A	14	11,13	13	29	25	11	14	13	15		
											12	
											12	
											18	
											N/A	
											16	
											17	
											N/A	
											N/A	
											23	
											N/A	
											12	
											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

8CMWE2	PowerPlex® Fusion 6C									
2	11									
	16 18									
8D3CHG	PowerPlex® Fusion 6C									
2	11									
	16 18									
8EMJEH	PowerPlex® Y 23, PowerPlex® Fusion 6C									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17		25			
	13	12	16	18			23	10	12	
8GCMBW	GlobalFiler™									
2	11									
	2									
8LRZ8D	PowerPlex® Y 23									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17		25			
	13	12	16	18			23	10	12	
8MTWVF	PowerPlex® Fusion 6C DIRECT									
2	11									
	16 18									
8N2A4V	Yfiler®, PowerPlex® Fusion 6C									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
			16	18			23		12	
8NFD6M	Yfiler®, GlobalFiler™									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
							23		12	2
8PMWQC	Yfiler®, GlobalFiler™									
2	N/T	14	11,13	13	29	25	11	14	13	15
	12	12	18	N/T	16	17	N/T	N/T	N/T	N/T
	N/T	N/T	N/T	N/T	N/T	N/T	N/T	23	N/T	12 2
8Q2FEF	Yfiler®, GlobalFiler™									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
							23		12	2
8TTBGG	GlobalFiler™									
2	11									
	2									
8UPYRY	GlobalFiler™									
2	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 2 - YSTR Results

8UVGCN	PowerPlex® Y 23, PowerPlex® Fusion 5C									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17		25			
	13	12	16	18			23	10	12	
942E3D	PowerPlex® Y 23									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17		25			
	13	12	16	18			23	10	12	
948NYJ	PowerPlex® Y 23									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17		25			
	13	12	16	18			23	10	12	
96E7WE	GlobalFiler™									
2						11				
										2
96ZKPD	GlobalFiler™									
2						11				
										2
9792AP	PowerPlex® Y 23									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17		25			
	13	12	16	18			23	10	12	
97FQ7N	Yfiler® Plus, GlobalFiler™									
2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25	38	
	13		16	18			23	23	12	2
9EUTA6	Yfiler®, GlobalFiler™									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
							23		12	2
9JL2FW	PowerPlex® Fusion 6C									
2						11				
			16	18						
9P6FWV	Yfiler®, GlobalFiler™									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
							23		12	2
9PJN4B	Yfiler® Plus									
2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25	38	
	13		16	18			23	23	12	
9QYY6N	Yfiler®, Investigator® 24plex									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
							23		12	

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

9RCH3Z	Yfiler®									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17				
								23		12
9RCMGN	Yfiler® Plus, GlobalFiler™									
2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25		38
		13		16	18		23	23		12
										2
9RGY6K	GlobalFiler™									
2						11				
										2
9YDU64	Yfiler®									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17				
								23		12
										2
9ZL37W	PowerPlex® Y 23									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17		25		
		13	12	16	18			23	10	12
A2HQCX	PowerPlex® Fusion 6C									
2						11				
				16	18					
A323DM	PowerPlex® Y 23									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17		25		
		13	12	16	18			23	10	12
										2
A36LKY	PowerPlex® Y 23, GlobalFiler™									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17		25		
		13	12	16	18			23	10	12
										2
A42YBD	PowerPlex® Fusion 5C									
2						11				
A76UQU	GlobalFiler™									
2						11				
										2
A7P9GT	Yfiler® Plus, GlobalFiler™									
2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25		38
		13		16	18		23	23		12
										2
A8P8RE	GlobalFiler™ Express									
2						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 2 - YSTR Results

A9TCLZ	PowerPlex® Y 23										
2	14	11,13	13	29	25	11	14	13	15		
	12	18		16	17		25				
	13	12	16	18			23	10	12		
AAMRJQ	Yfiler® Plus, GlobalFiler™										
2	36,37	14	11,13	13	29	25	11	14	13	15	
	12	18	30	16	17	11	25		38		
	13		16	18		23	23		12	2	
ABEYF9	Yfiler® Plus, GlobalFiler™ YIndel										
2	36,37	14	11,13	13	29	25	11	14	13	15	
	12	18	30	16	17	11	25		38		
	13		16	18		23	23		12	2	
ABV7J6	GlobalFiler™										
2						11					
											2
ACWUD3	Investigator® 24plex										
2						11					
ADUCBC	PowerPlex® Fusion										
2						11					
AFV4LJ	Investigator® 24plex										
2	NA	NA	NA	NA	NA	NA	11	NA	NA	NA	
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AV2L2W	Yfiler® Plus										
2	36,37	14	11,13	13	29	25	11	14	13	15	
	12	18	30	16	17	11	25		38		
	13		16	18		23	23		12	2	
AVRK9W	Yfiler®, PowerPlex® Fusion 6C										
2	14	11,13	13	29	25	11	14	13	15		
	12	18		16	17						
			16	18			23		12		
B429MU	GlobalFiler™										
2						11					
			16	18							
B8W62M	PowerPlex® Y 23										
2	14	11,13	13	29	25	11	14	13	15		
	12	18		16	17		25				
	13	12	16	18			23	10	12		
B9YLTT	GlobalFiler™										
2	-	-	-	-	-	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 2 - YSTR Results

BBKH2J	GlobalFiler™										
2											11
<hr/>											
BE2QPH	GlobalFiler™										
2											11
<hr/>											
BG8C84	GlobalFiler™										
2											11
<hr/>											
BGRUBX	GlobalFiler™										
2											11
<hr/>											
BJTZLP	GlobalFiler™										
2											11
<hr/>											
BJWHPF	Yfiler® Plus, GlobalFiler™										
2	36,37	14	11,13	13	29	25	11	14	13	15	
	12	12	18	30	16	17	11	25		38	
		13		16	18		23	23		12	2
<hr/>											
BL22NW	GlobalFiler™										
2											11
<hr/>											
BL2766	PowerPlex® Fusion										
2											11
<hr/>											
BMUYW3	Yfiler®										
2	-	14	11,13	13	29	25	11	14	13	15	
	12	12	18	-	16	17	-	-	-	-	
	-	-	-	-	-	-	-	23	-	12	-
<hr/>											
BN64CR	PowerPlex® Fusion 6C										
2	-	-	-	-	-	-	11	-	-	-	
	-	-	-	-	-	-	-	-	-	-	
	-	-	-	16	18	-	-	-	-	-	-
<hr/>											
BPTGQN	PowerPlex® Y 23										
2		14	11,13	13	29	25	11	14	13	15	
		12	12	18		16	17		25		
			13	12	16	18			23	10	12
<hr/>											
BPX2QX	GlobalFiler™										
2											11
<hr/>											

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

BTZR2J	PowerPlex® Y 23									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17		25			
	13	12	16	18			23	10	12	
BXGZPJ	Investigator® 24plex QS									
2						11				
C2CA7Q	GlobalFiler™ Express									
2						11				
										2
C2PQ4P	Yfiler®									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
								23	12	
C3HUR6	GlobalFiler™									
2						11				
										2
C4ZR9W	GlobalFiler™ Express									
2						11				
										2
C6BK2Q	GlobalFiler™ Express									
2						11				
										2
C8AYJ9	Yfiler™ Plus									
2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25		38
	13		16	18			23	23	12	2
CA3QPD	GlobalFiler™									
2						11				
										2
CBYEZW	GlobalFiler™									
2						11				
										2
CDDZGH	GlobalFiler™									
2						11				
										2
CEG8AQ	PowerPlex® Fusion 6C									
2						11				
										16 18

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

CEU7VL	Yfiler®, GlobalFiler™, Investigator® 24plex									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17				
								23	12	2
CGLXG7	GlobalFiler™									
2						11				
										2
CGNLQH	Investigator® 24plex QS									
2						11				
CJU8EH	Investigator® 24plex QS									
2						11				
CLBG9M	PowerPlex® Fusion 5C, 6C									
2						11				
				16	18					
CLQYA8	Yfiler®									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17				
							23		12	
CM3Q2P	Yfiler®, GlobalFiler™									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17				
							23		12	2
CTBUBC	GlobalFiler™									
2						11				
										2
CTJW7Q	GlobalFiler™ Express									
2						11				
										2
CZBFVJ	PowerPlex® Y 23, PowerPlex® Fusion 5C									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17	25			
	13	12	16	18			23	10	12	
D3FJAR	GlobalFiler™									
2						11				
										2
D7VW79	Yfiler®									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17				
							23		12	

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

D87W7A	Yfiler® Plus									
2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25	38	
		13		16	18		23	23	12	2
DBAKRQ	GlobalFiler™									
2							11			
										2
DC3DRG	Yfiler®, Investigator® 24plex									
2		14	11,13	13	29	25	11	14	13	15
	12	12	18		16	17				
								23		12
DCM286	Yfiler®									
2		14	11,13	13	29	25	11	14	13	15
	12	12	18		16	17				
								23		12
									12	2
DDJKXX	Yfiler®, PowerPlex® Fusion 6C									
2		14	11,13	13	29	25	11	14	13	15
	12	12	18		16	17				
				16	18			23		12
DMA3ME	Yfiler® Plus, GlobalFiler™									
2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25	38	
		13		16	18		23	23	12	2
DNZ92K	PowerPlex® Y 23, GlobalFiler™, PowerPlex® Fusion 6C									
2		14	11,13	13	29	25	11	14	13	15
	12	12	18		16	17		25		
		13	12	16	18			23	10	12
									12	2
DP7N9B	Yfiler® Plus									
2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25	38	
		13		16	18		23	23	12	
DPNUAL	PowerPlex® Fusion 5C									
2							11			
DUZMM7	Yfiler®									
2		14	11,13	13	29	25	11	14	13	15
	12	12	18		16	17				
								23		12
DV2FME	Yfiler® Plus, GlobalFiler™									
2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25	38	
		13		16	18		23	23	12	2
DVUG9G	PowerPlex® Y 23, Investigator® 24plex									
2		14	11,13	13	29	25	11	14	13	15
	12	12	18		16	17		25		
		13	12	16	18			23	10	12



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

DXQTCW	GlobalFiler™										
	2	-	-	-	-	-	-	11	-	-	-
		-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	2
E4NWP9	GlobalFiler™										
	2							11			
											2
E67RGM	PowerPlex® Fusion 6C										
	2							11			
				16	18						
E6LDLJ	PowerPlex® Y 23, GlobalFiler™, PowerPlex® Fusion 6C										
	2		14	11,13	13	29	25	11	14	13	15
		12	12	18		16	17		25		
			13	12	16	18			23	10	12
											2
E8MA77	Yfiler®										
	2		14	11,13	13	29	25	11	14	13	15
		12	12	18		16	17				
								23		12	
E8MEQL	PowerPlex® Fusion 6C										
	2							11			
				16	18						
EGWMJU	GlobalFiler™ Express										
	2							11			
											2
EJMNMW	Yfiler®, PowerPlex® Fusion 6C										
	2		14	11,13	13	29	25	11	14	13	15
		12	12	18		16	17				
					16	18			23		12
EKC9AF	PowerPlex® Y 23										
	2		14	11,13	13	29	25	11	14	13	15
		12	12	18		16	17		25		
			13	12	16	18			23	10	12
EP86PL	PowerPlex® Fusion 6C										
	2							11			
				16	18						
EQYWX7	Yfiler®										
	2		14	11,13	13	29	25	11	14	13	15
		12	12	18		16	17				
								23		12	2
ETP4BF	PowerPlex® Fusion 5c										
	2							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

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EVWF4Q	GlobalFiler™ Express										
2											11
											2
EWZBF2	Yfiler®, PowerPlex® Fusion 5C										
2	NA	14	11,13	13	29	25	11	14	13	15	
	12	12	18	NA	16	17	NA	NA	NA	NA	
	NA	NA	NA	NA	NA	NA	NA	23	NA	12	NA
EXV34T	GlobalFiler™										
2											11
											2
F2W8QD	Investigator® 24plex										
2											11
											2
F2XX3N	GlobalFiler™										
2											11
											2
F3LMR9	PowerPlex® Y 23										
2		14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17		25			
		13	12	16	18			23	10	12	
F4773M	PowerPlex® Fusion 6C										
2											11
											16
											18
F6R7UB	PowerPlex® Y 23										
2		14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17		25			
		13	12	16	18			23	10	12	
FA8F6U	PowerPlex® Y 23, GlobalFiler™										
2		14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17		25			
		13	12	16	18			23	10	12	2
FAAA27	Yfiler®, GlobalFiler™										
2		14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17					
											23
											12
											2
FB6R9N	GlobalFiler™										
2											11
											2
FEPHP7	PowerPlex® Fusion 6C Direct										
2											11
											16
											18

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

FHG8BH	GlobalFiler™										
2											11
											2
FJTM3X	Yfiler®										
2	14	11,13	13	29	25	11	14	13	15		
											12
											23
											12
FKFTT4	Yfiler®										
2	14	11,13	13	29	25	11	14	13	15		
											12
											23
											12
											2
FKFVH9	PowerPlex® Fusion 6C										
2											11
											16
											18
FKQX2L	PowerPlex® Fusion 6C										
2											11
											16
											18
FLN7A7	PowerPlex® Fusion 6C										
2											11
											16
											18
FLYAF3	PowerPlex® Y 23, PowerPlex® Fusion 5C										
2	14	11,13	13	29	25	11	14	13	15		
											12
											18
											16
											17
											25
											23
											10
											12
FMTV9T	GlobalFiler™										
2											11
											2
FQVWDC	Yfiler® Plus, GlobalFiler™										
2	36,37	14	11,13	13	29	25	11	14	13	15	
											12
											18
											30
											16
											17
											11
											25
											38
											13
											16
											18
											23
											23
											12
											2
FVNVLZ	Yfiler®, GlobalFiler™										
2	14	11,13	13	29	25	11	14	13	15		
											12
											18
											16
											17
											23
											12
											2
FXGPMB	PowerPlex® Fusion 6C										
2											11
											16
											18
FXTNFY	Yfiler®, PowerPlex® Fusion 5C										
2	NA	14	11,13	13	29	25	11	14	13	15	
											12
											18
											NA
											16
											17
											NA
											NA
											NA
											NA
											NA
											NA
											23
											NA
											12
											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

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FXVBWC	PowerPlex® Y 23									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17	25				
	13	12	16	18		23	10	12		
FZ2K3N	PowerPlex® Y 23, GlobalFiler™									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17	25				
	13	12	16	18		23	10	12	2	
FZKHGA	PowerPlex® Y 23									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17	25				
	13	12	16	18		23	10	12		
G3J6KX	PowerPlex® Y 23									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17	25				
	13	12	16	18		23	10	12		
G6AEKQ	Yfiler®, GlobalFiler™									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
							23		12	2
G9PRG8	Yfiler®									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
							23		12	
GAQPNM	GlobalFiler™									
2						11				
										2
GCE2YZ	GlobalFiler™									
2						11				
										2
GD8YTD	Investigator® 24plex									
2	NA	NA	NA	NA	NA	NA	11	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GEUWNX	GlobalFiler™, Investigator® 24plex QS									
2	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	11	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
GFVN9Y	PowerPlex® Fusion 5C									
2						11				
GHLR27	PowerPlex® Fusion 6C									
2						11				
			16	18						

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

GL28CJ	Yfiler®									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17				
								23		12
GNNYJU	Yfiler®									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17				
								23		12
										2
GQP23P	Yfiler® Plus, GlobalFiler™									
2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25		38
		13		16	18		23	23		12
										2
GR7V4Y	Yfiler®, PowerPlex® Fusion 5C									
2	NA	14	11,13	13	29	25	11	14	13	15
	12	12	18	NA	16	17	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	23	NA	12
										NA
GT3AYJ	Yfiler®									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17				
								23		12
GW3KQD	GlobalFiler™, Yfiler™ Plus									
2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25		38
		13		16	18		23	23		12
										2
GXR2ND	PowerPlex® Y 23, Investigator® 24plex QS									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17		25		
		13	12	16	18			23	10	12
GY94LD	PowerPlex® Y 23									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17		25		
		13	12	16	18			23	10	12
H2RE3P	GlobalFiler™									
2							11			
										2
H4BNWM	PowerPlex® Fusion 6C									
2							11			
				16	18					
H4UJC4	Yfiler®									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17				
								23		12
H8JPA8	Yfiler®, PowerPlex® Fusion 6C									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17				
				16	18			23		12

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

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H97M37	PowerPlex® Y 23										
	2	14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17		25			
	13	12	16	18			23	10	12		
HACW7W	PowerPlex® Y 23										
	2	14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17		25			
	13	12	16	18			23	10	12		
HD6L4B	GlobalFiler™										
	2						11				
										2	
HDKZ6E	GlobalFiler™										
	2						11				
										2	
HDMUY7	Yfiler® Plus, GlobalFiler™ Express										
	2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25		38	
	13		16	18			23	23		12	2
HF7U4F	Yfiler® Plus, GlobalFiler™										
	2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25		38	
	13		16	18			23	23		12	2
HJAD9M	GlobalFiler™										
	2						11				
										2	
HN3N2D	Yfiler® Plus, GlobalFiler™										
	2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25		38	
	13		16	18			23	23		12	2
HQQATN	PowerPlex® Fusion 6C										
	2						11				
			16	18							
HVD4LF	GlobalFiler™										
	2						11				
										2	
HWQKUM	PowerPlex® Fusion 5C										
	2						11				
HYPL97	PowerPlex® Fusion 6C										
	2						11				
			16	18							

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

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HZV7QY	GlobalFiler™									
2	11									
[Redacted]										
2										
J33QEE	Yfiler® Plus, GlobalFiler™									
2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25	38	
		13		16	18		23	23	12	2
J64VMD	PowerPlex® Fusion 6C									
2	11									
[Redacted]										
			16	18						
JFLGYM	PowerPlex® Fusion 6C									
2	11									
[Redacted]										
			16	18						
JGY4JM	PowerPlex® Fusion 6C									
2	11									
[Redacted]										
			16	18						
JGZRYT	Yfiler®									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
							23		12	2
JH96D9	PowerPlex® Y 23									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
	13	12	16	18				23	10	12
JHQ3HT	PowerPlex® Fusion 6C									
2	11									
[Redacted]										
			16	18						
JJMGDE	PowerPlex® Y 23, GlobalFiler™									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
	13	12	16	18				23	10	12
JJP6MQ	GlobalFiler™									
2	11									
[Redacted]										
2										
JL4X74	Yfiler®									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
							23		12	2
JLA4UT	Investigator® 24plex									
2	11									
[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

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JNYBEP	Investigator® 24plex									
2	11									
JPV27Q	Yfiler®, PowerPlex® Fusion 6C									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
			16	18			23		12	
JQK62H	GlobalFiler™									
2	11									
JRV44E	GlobalFiler™									
2	11									
JVGQ6U	Yfiler®, GlobalFiler™ Express									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
							23		12	
JW8XP	Yfiler®, PowerPlex® Fusion									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
							23		12	
JWJU3U	PowerPlex® Y 23									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17		25			
		13	12	16	18		23	10	12	
JX9NEL	PowerPlex® Fusion 6C									
2	11									
JZF2ZT	Yfiler®, GlobalFiler™ Express									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
							23		12	
JZND3	PowerPlex® Fusion 6C									
2	11									
K3C8Q4	PowerPlex® Y 23									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17		25			
		13	12	16	18		23	10	12	
K3D63Z	Yfiler® Plus									
2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25		38
		13		16	18		23	23		12



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

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K46ZLM	Yfiler®										
	2	14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17					
								23		12	
K62FZK	PowerPlex® Fusion 6C										
	2						11				
				16	18						
KC4GGM	Yfiler®, PowerPlex® Fusion 6C										
	2	14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17					
			16	18				23		12	
KCX97D	GlobalFiler™										
	2						11				
										2	
KGRCXC	Yfiler® Plus, GlobalFiler™										
	2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25		38	
		13		16	18		23	23		12	2
KGUXMK	Yfiler® Plus, GlobalFiler™										
	2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25		38	
		13		16	18		23	23		12	2
KGXPK9	GlobalFiler™										
	2						11				
										2	
KKETHQ	Yfiler®										
	2	14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17					
								23		12	
KLHREQ	Yfiler®, PowerPlex® Fusion 6C										
	2	14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17					
			16	18				23		12	
KPZRVR	PowerPlex® Fusion 6C, 5C										
	2						11				
				16	18						
KT4Q2J	Yfiler®, PowerPlex® Fusion 6C										
	2	14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17					
			16	18				23		12	
KTNDCL	Yfiler®, PowerPlex® Fusion										
	2	14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17					
								23		12	

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

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KTZXDJ										
2	11									
[Redacted]										
KUJWF9	PowerPlex® Y 23									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17		25			
	13	12	16	18			23	10	12	
KVLYXX	GlobalFiler™									
2	11									
[Redacted]										
2										
KVNMJH	Yfiler® Plus									
2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25	38	
	13		16	18			23	23	12	
KYA7NL	Yfiler® Plus, GlobalFiler™									
2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25	38	
	13		16	18			23	23	12	2
L296CJ	Yfiler® Plus, GlobalFiler™									
2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25	38	
	13		16	18			23	23	12	2
L4N4YU	GlobalFiler Express									
2	11									
[Redacted]										
2										
L8HDML	Yfiler®									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
							23		12	
L8WWDK	PowerPlex® Y 23									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17		25			
	13	12	16	18			23	10	12	
L9UVZZ	Yfiler® Plus, GlobalFiler™									
2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25	-	38
	-	13	-	16	18	-	23	23	-	12
LDPW4E	PowerPlex® Fusion 6C									
2	11									
[Redacted]										
			16	18						
LJF2X4	PowerPlex® Y 23									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17		25			
	13	12	16	18			23	10	12	

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

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LL6DZV	GlobalFiler™									
2	11									
	2									
LMCPFB	GlobalFiler™									
2	11									
	2									
LMDQ7N	GlobalFiler™									
2	11									
	2									
LP6JF2	GlobalFiler™									
2	11									
	2									
LPGFEY	PowerPlex® Y 23									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17		25			
	13	12	16	18			23	10	12	
LR7M32	GlobalFiler™									
2	11									
	2									
LT4W86	Yfiler®									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
							23		12	
LUALQF	Yfiler®, GlobalFiler™									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
							23		12	2
LUXN7J	PowerPlex® Y 23, PowerPlex® Fusion 6C									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17		25			
	13	12	16	18			23	10	12	
LVPYJJ	GlobalFiler™									
2	11									
	2									
MCP2ZN	Investigator® 24plex									
2	11									
	2									
MDMJUC	PowerPlex® Y 23									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17		25			
	13	12	16	18			23	10	12	

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

MEZ4P8	PowerPlex® Y 23, Investigator® 24plex										
2	14	11,13	13	29	25	11	14	13	15		
	12	12	18	16	17		25				
	13	12	16	18			23	10	12		
MG3WVY	Yfiler®										
2	14	11,13	13	29	25	11	14	13	15		
	12	12	18	16	17						
							23		12		
MJPKYC	GlobalFiler™										
2						11					
											2
MKK46K	PowerPlex® Fusion 6C										
2						11					
			16	18							
MLGE39	PowerPlex® Y 23										
2	14	11,13	13	29	25	11	14	13	15		
	12	12	18	16	17		25				
	13	12	16	18			23	10	12		
MLTBDE	Yfiler®, GlobalFiler™										
2	14	11,13	13	29	25	11	14	13	15		
	12	12	18	16	17						
							23		12	2	
MPJHRA	PowerPlex® Y 23										
2	14	11,13	13	29	25	11	14	13	15		
	12	12	18	16	17		25				
	13	12	16	18			23	10	12		
MTUMBW	GlobalFiler™										
2						11					
											2
MVJUVU	GlobalFiler™										
2						11					
											2
MVZ8YW	GlobalFiler™										
2	NT	NT	NT	NT	NT	NT	11	NT	NT	NT	
	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2
MXEAFH	PowerPlex® Fusion 6C										
2						11					
			16	18							
MXWAH8	Investigator® 24plex QS										
2						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

N24BPV	GlobalFiler™									
2	11									
	2									
N3F2XZ	Yfiler®, GlobalFiler™									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
							23		12	2
NA2WXH	Yfiler® Plus, GlobalFiler™									
2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25		38
		13		16	18		23	23		12
										2
NEXKKW	Yfiler® Plus, PowerPlex® Fusion 6C									
2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25		38
		13		16	18		23	23		12
										2
NHK6PZ	PowerPlex® Fusion 6C									
2	11									
	16 18									
NJB8JF	GlobalFiler™									
2	11									
	2									
NKL9E3	Yfiler® Plus, GlobalFiler™									
2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25		38
		13		16	18		23	23		12
										2
NLUH2T	Yfiler®, PowerPlex® Fusion 5C									
2	NA	14	11,13	13	29	25	11	14	13	15
	12	12	18	NA	16	17	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	23	NA	12
										NA
NMVDUC	Yfiler®, PowerPlex® Fusion 6C									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
			16	18			23		12	
NNEEJQ	GlobalFiler™									
2	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	11	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
NQ6HEJ	Yfiler®									
2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25		38
		13		16	18		23	23		12
NQ88HG	Yfiler®, PowerPlex® Fusion									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
							23		12	

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

NTQCYQ	Yfiler®, GlobalFiler™									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17				
								23	12	2
NURBHE	GlobalFiler™ express									
2						11				
										2
NV8BU2	PowerPlex® Fusion 6C									
2						11				
				16	18					
NVDYM8	PowerPlex® Y 23									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17		25		
		13	12	16	18			23	10	12
NW24KE	GlobalFiler™									
2						11				
										2
NWCW7F	Yfiler® Plus									
2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25		38
		13		16	18		23	23		12
										2
NXLB8U	GlobalFiler™									
2						11				
										2
NZWYXL	Yfiler®									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17				
								23	12	
P44YGQ	GlobalFiler™									
2						11				
										2
P8DMR3	Yfiler® Plus, GlobalFiler™									
2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25	N/A	38
	N/A	13	N/A	16	18	N/A	23	23	N/A	12
										2
PAGFL2	GlobalFiler™, Yfiler™ Plus									
2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25		38
		13		16	18		23	23		12
										2
PAHDWW	GlobalFiler™									
2						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 2 - YSTR Results

PBEXGB											
2											
PBLAUR	GlobalFiler™										
2											
PCJFHD	Yfiler® Plus, GlobalFiler™										
2	36,37	14	11,13	13	29	25	11	14	13	15	
	12	12	18	30	16	17	11	25		38	
		13		16	18		23	23		12	2
PEUH8X	Yfiler® PLUS										
2	36,37	14	11,13	13	29	25	11	14	13	15	
	12	12	18	30	16	17	11	25		38	
		13		16	18		23	23		12	2
PHJ2YE	Yfiler®, Investigator® 24plex										
2		14	11,13	13	29	25	11	14	13	15	
		12	12	18		16	17				
								23		12	
PJMM22	Yfiler® Plus, GlobalFiler™										
2	36,37	14	11,13	13	29	25	11	14	13	15	
	12	12	18	30	16	17	11	25		38	
		13		16	18		23	23		12	2
PLDTE7	GlobalFiler™										
2											
PN3RYW	PowerPlex® Fusion 6C										
2	not tested	not tested	not tested	not tested	not tested	not tested	11	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	16	18	not tested	not tested	not tested	not tested	not tested	not tested
PQFYLQ	Yfiler®										
2		14	11,13	13	29	25	11	14	13	15	
		12	12	18		16	17				
								23		12	
PTU3AU	PowerPlex® Fusion 6C, Investigator® 24plex QS										
2											
PX7ZEG											
2											
Q4GUHN	GlobalFiler™										
2	N/A	N/A	N/A	N/A	N/A	N/A	11	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 2 - YSTR Results

Q4NXKV	PowerPlex® Fusion 6C									
2	11									
	16 18									
Q8BBF6	PowerPlex® Y 23									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17	25				
	13	12	16	18		23	10	12		
Q9HU82	Yfiler®, GlobalFiler™									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
							23		12	2
QC4D4R	Yfiler®									
2	-	14	11,13	13	29	25	11	14	13	15
	12	12	18	-	16	17	-	-	-	-
	-	-	-	-	-	-	-	23	-	12
QDY3VZ	Yfiler® Plus, GlobalFiler™									
2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25		38
		13		16	18		23	23		12
										2
QE22GD	PowerPlex® Y 23									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17	25				
	13	12	16	18		23	10	12		
QE8863	PowerPlex® Y 23									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17	25				
	13	12	16	18		23	10	12		
QFZ9ZJ	Yfiler®, PowerPlex® Fusion 6C									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
			16	18		23		12		
QGTBDZ	PowerPlex® Y 23									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17	25				
	13	12	16	18		23	10	12		
QGZZ9E	PowerPlex® Y 23, GlobalFiler™									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17	25				
	13	12	16	18		23	10	12	2	
QKEWHU	PowerPlex® Fusion 6C Direct									
2	11									
	16 18									
QMPGR6	PowerPlex® Y PPY23									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17	25				
	13	12	16	18		23	10	12		



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

QQ6AHX	GlobalFiler™										
2											11
											2
QQKGR9	Yfiler® Plus, GlobalFiler™										
2	36,37	14	11,13	13	29	25	11	14	13	15	
	12	12	18	30	16	17	11	25		38	
		13		16	18		23	23		12	2
QRX492	Yfiler® Plus, GlobalFiler™										
2	36,37	14	11,13	13	29	25	11	14	13	15	
	12	12	18	30	16	17	11	25		38	
		13		16	18		23	23		12	2
QV6QFW	PowerPlex® Fusion 6C										
2											11
											16
											18
QVDLA4	Investigator® 24plex										
2	N/A	N/A	N/A	N/A	N/A	N/A	11	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
QVE98W	GlobalFiler™										
2											11
											2
QVEBW2	GlobalFiler™, Yfiler™ Plus										
2	36,37	14	11,13	13	29	25	11	14	13	15	
	12	12	18	30	16	17	11	25		38	
		13		16	18		23	23		12	2
QWBTRB	GlobalFiler™										
2											11
											2
QWRZXT	Yfiler®										
2		14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17					
								23		12	2
QYDNHD	GlobalFiler™										
2											11
											2
QYPQPK	PowerPlex® Fusion 5C										
2											11
											2
QZLUQ9	Yfiler®, GlobalFiler™										
2		14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17					
								23		12	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

R2Q7JT	Yfiler®									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17				
								23		12
R3EARV	PowerPlex® Fusion 6C									
2						11				
				16	18					
R6FDCH	Yfiler®, GlobalFiler™ Express									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17				
								23		12
R9R6BH	PowerPlex® Fusion									
2						11				
RB6NKF	GlobalFiler™									
2						11				
										2
RB8MHA	PowerPlex® Fusion 6C									
2						11				
				16	18					
REJHZD	GlobalFiler™									
2						11				
										2
REMV7A	PowerPlex® Fusion 6C									
2						11				
				16	18					
RFCGA6	GlobalFiler™									
2						11				
										2
RNQ4MF	GlobalFiler™									
2						11				
										2
RNQCC7	Yfiler® Plus, GlobalFiler™									
2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25		38
		13		16	18		23	23		12
										2
RPNEF3	Yfiler®, GlobalFiler™									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17				
								23		12
										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

RQDTKD	GlobalFiler™									
2	11									
RUFK4R	Yfiler®									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
							23		12	2
RV9Q2H	Investigator® 24plex									
2	11									
RWM3Y2	GlobalFiler™, Yfiler™ Plus									
2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25		38
		13		16	18		23	23		12
										2
RWZJ6M	GlobalFiler™, Investigator® 24plex QS									
2	NA	NA	NA	NA	NA	NA	11	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
										2
RYD46P	GlobalFiler™									
2	11									
RZG24J	Yfiler®, GlobalFiler™									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
							23		12	2
T2CYZX	PowerPlex® Y 23									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17		25			
		13	12	16	18		23	10	12	
T2Y9DM	GlobalFiler™									
2	11									
T32AN6	GlobalFiler™									
2	11									
T6U322	Yfiler®, GlobalFiler™									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
							23		12	2
T7K8EG	Yfiler®									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
							23		12	

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

T8VZHV	Yfiler®, GlobalFiler™									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17				
								23	12	2
T9WZJW	PowerPlex® Fusion 6C									
2						11				
			16	18						
TA6A88										
2						11				
										2
TC8B7J	Yfiler®									
2	-	14	11,13	13	29	25	11	14	13	15
	12	12	18	-	16	17	-	-	-	-
	-	-	-	-	-	-	-	23	-	12
TDP2UV	GlobalFiler™ Express									
2						11				
										2
TFCGDQ	Yfiler®									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17				
								23	12	2
TLLVRU	PowerPlex® Fusion 6C Direct									
2						11				
			16	18						
TPX2T9	Yfiler® Plus, GlobalFiler™									
2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25	38	
		13		16	18		23	23	12	2
TQCC4U	PowerPlex® Fusion 6C									
2						11				
			16	18						
TQZDFR	Investigator® 24plex QS									
2						11				
TR9N4U										
2						11				
			16	18						
TTDETV	PowerPlex® Fusion 6C									
2						11				
			16	18						

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

TUDBKE	PowerPlex® Y 23									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17	25				
	13	12	16	18		23	10	12		
TUYP8W	GlobalFiler™ Express									
2	11									
	2									
TV3LDT	PowerPlex® Y 23									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17	25				
	13	12	16	18		23	10	12		
TX3YQJ	GlobalFiler™									
2	11									
	2									
TXBTUR	PowerPlex® Fusion 6C Direct									
2	11									
	16 18									
TY6MKW	PowerPlex® Fusion 6C									
2	11									
	16 18									
U9BNKM	GlobalFiler™									
2	11									
	2									
U9TXAH	Yfiler®									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17	23				
								12	2	
UAGFXG	Yfiler® Plus, GlobalFiler™									
2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25	-	38
	-	13	-	16	18	-	23	23	-	12
	2									
UF2B27	PowerPlex® Y 23, GlobalFiler™									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17	25				
	13	12	16	18		23	10	12	2	
UFJH3G	Yfiler®, GlobalFiler™									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17	23				
								12	2	
UGE29P	PowerPlex® Fusion 6C									
2	11									
	16 18									

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

UGKDXL	GlobalFiler™ Express									
2	11									
	2									
UKHU3N	Yfiler®, GlobalFiler™									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17				
							23		12	2
UM8XZ2	PowerPlex® Y 23									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17		25		
		13	12	16	18		23	10	12	
UNM8B3	Yfiler® Plus, GlobalFiler™									
2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25		38
				16	18		23	23		12
										2
UQTJ7V	PowerPlex® Fusion 6C									
2	11									
	16 18									
URQXLN	GlobalFiler™									
2	11									
	2									
UU6TXZ	GlobalFiler™									
2	11									
	2									
UVEZWL	Yfiler®, GlobalFiler™									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17				
							23		12	2
UX7TXW	PowerPlex® Y 23									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17		25		
		13	12	16	18		23	10	12	
UYDZCH	Yfiler®, GlobalFiler™, Investigator® 24plex									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17				
							23		12	2
V2J63C	GlobalFiler™									
2	11									
	2									
V2NCRR	Yfiler®, PowerPlex® Fusion 6C									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17				
				16	18		23		12	

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

V4CRBM	GlobalFiler™									
2	11									
2										
V6KV2C	PowerPlex® Fusion 6C									
2	11									
16 18										
V6ZJVC	GlobalFiler™									
2	11									
2										
V93EL8	PowerPlex® Fusion 6C									
2	11									
16 18										
VAC7QG	Yfiler®									
2	14	11,13	13	29	25	11	14	13	15	
12 12 18 16 17										
23 12										
VDEAFH	Yfiler® PLUS, PowerPlex® Y 23									
2	36,37	14	11,13	13	29	25	11	14	13	15
12 12 18 30 16 17 11 25 38										
13 12 16 18 23 23 10 12 2										
VFPR6V	PowerPlex® Fusion 6C									
2	11									
16 18										
VH84JC	GlobalFiler™									
2	11									
2										
VMNLW2	GlobalFiler™									
2	11									
2										
VN29EF	Yfiler®									
2	14	11,13	13	29	25	11	14	13	15	
12 12 18 16 17										
23 12 2										
VRHFU3	Yfiler® Plus, GlobalFiler™ Express									
2	36,37	14	11,13	13	29	25	11	14	13	15
12 12 18 30 16 17 11 25 38										
13 16 18 23 23 12 2										
WFYW2	Yfiler® Plus, GlobalFiler™									
2	36,37	14	11,13	13	29	25	11	14	13	15
12 12 18 30 16 17 11 25 38										
13 16 18 23 23 12 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

WGQ4U											
2											
				16	18			11			
VXLN8	PowerPlex® Fusion 6C										
2											
				16	18			11			
VYUMAR	GlobalFiler™										
2											
								11			2
W467YC	GlobalFiler™										
2											
								11			2
W4QGAT	PowerPlex® Fusion 6C										
2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	11	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	16	18	N/A	N/A	N/A	N/A	N/A	N/A
W7BKD6	Yfiler®, GlobalFiler™										
2		14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17					
								23		12	2
W93LLT	PowerPlex® Fusion 6C										
2											
				16	18			11			
WB3RYY	PowerPlex® Y 23										
2		14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17		25			
		13	12	16	18			23	10	12	
WB9YA8	PowerPlex® Fusion										
2											
								11			
WCZ3XM	Investigator® 24plex QS										
2											
								11			
WD7RQH	GlobalFiler™										
2											
								11			2
WHBVDT	PowerPlex® Fusion 6C										
2											
				16	18			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

WJNPZT	PowerPlex® Fusion 6C									
2	11									
	16 18									
WK9U2B	Yfiler®, GlobalFiler™									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
							23		12	2
WLLDX2	PowerPlex® Fusion									
2	11									
WLRCM6	Yfiler®									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
							23		12	
WLTFXM	GlobalFiler™									
2	11,11									
	2									
WVR7B3	Yfiler®, GlobalFiler™									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
							23		12	2
WYNURA	Yfiler® Plus, GlobalFiler™									
2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25	38	
		13	16	18			23	23	12	2
WZ8E39	Yfiler®, Investigator® 24plex									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
							23		12	
X68GYK	Yfiler®									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
							23		12	
X8ZB2V	PowerPlex® Y 23									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17		25			
		13	12	16	18		23	10	12	
X8ZBYA	Yfiler®									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
							23		12	
XPBKEH	GlobalFiler™ Express									
2	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 2 - YSTR Results

XCBEV4	GlobalFiler™										
2											11
											2
XDM8G6	PowerPlex® Fusion 5C										
2											11
											2
XFNDVB	Yfiler™ PLUS										
2	36,37	14	11,13	13	29	25	11	14	13	15	
	12	12	18	31	16	17	11	25		38	
		13		16	18		23	23		12	
XGANAC	Yfiler®, Direct Fusion 6C										
2		14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17					
				16	18			23		12	
XLLMNQ	GlobalFiler™ Express										
2											11
											2
XMDLPH	Yfiler®, PowerPlex® Fusion 5C										
2	N/A	14	11,13	13	29	25	11	14	13	15	
	12	12	18	N/A	16	17	N/A	N/A	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	23	N/A	12	N/A
XN6FQT	PowerPlex® Y 23										
2		14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17		25			
		13	12	16	18			23	10	12	
XQT2B3	PowerPlex® Y 23, GlobalFiler™										
2		14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17		25			
		13	12	16	18			23	10	12	2
XQZ493	PowerPlex® Fusion 6C										
2											11
											16
											18
XUC7TX	PowerPlex® Y 23										
2		14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17		25			
		13	12	16	18			23	10	12	
XVRE9E	Yfiler®, PowerPlex® Fusion 6C										
2		14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17					
				16	18			23		12	
XZNYA4	PowerPlex® Y 23, PowerPlex® Fusion 6C										
2		14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17		25			
		13	12	16	18			23	10	12	

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

Y32C2P	PowerPlex® Y 23									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17	25				
	13	12	16	18		23	10	12		
Y3NMZY	GlobalFiler™									
2	11									
	2									
Y69PR4	PowerPlex® Fusion 6C									
2	11									
	16 18									
Y8KBKR	Yfiler® Plus, GlobalFiler™									
2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25	38	
	13		16	18		23	23	12	2	
Y8TLA3	GlobalFiler™, Yfiler™ Plus									
2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25	38	
	13		16	18		23	23	12	2	
YGKYBN	GlobalFiler™									
2	11									
	2									
YLGAX9										
2	11									
	16 18									
YQD6C2	Yfiler®									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
							23	12		
YQQV8D	PowerPlex® Fusion 5C									
2	11									
YR62YB	Yfiler®									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
							23	12		
YRX74G	Yfiler®									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
							23	12		
YTL8HL	Investigator® 24plex QS									
2	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

YUQ4DA	PowerPlex® Y 23									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17		25			
	13	12	16	18			23	10	12	
YVQXLU	GlobalFiler™									
2	11									
	2									
YWG4YZ	GlobalFiler™									
2	11									
	2									
YX6PAM	GlobalFiler™									
2	11									
	2									
YY83JP	PowerPlex® Y 23, PowerPlex® Fusion 6C									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17		25			
	13	12	16	18			23	10	12	
Z37Z73	PowerPlex® Fusion 6C									
2	11									
	16 18									
Z3JKQK	Yfiler™ Plus									
2	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25	38	
	13		16	18			23	23	12	2
Z3KJYK	PowerPlex® Fusion 6C Direct									
2	11									
	16 18									
Z4ANJR	PowerPlex® Y 23									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17		25			
	13	12	16	18			23	10	12	
Z6PZ64	Yfiler®, PowerPlex® Fusion 6C									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
			16	18			23		12	
Z6V63F	GlobalFiler™									
2	11									
	2									
Z73NP3	GlobalFiler™									
2	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 2 - YSTR Results

Z8GTG2	GlobalFiler™									
2	11									
2										
Z8QXNH	Yfiler®, GlobalFiler™									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
23										
12										
2										
Z9UFYF	GlobalFiler™									
2	11									
2										
ZBDR9P	Yfiler®, PowerPlex® Fusion 6C									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
16										
18										
23										
12										
ZBHVD3	PowerPlex® Y 23, PowerPlex® Fusion 5C DYS391 only									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17		25			
13										
12										
16										
18										
23										
10										
12										
ZF7ME4	PowerPlex® Fusion 6C									
2	11									
16										
18										
ZFPLF9	GlobalFiler™									
2	11									
2										
ZG299V	Investigator® 24plex									
2	11									
ZHDCBL	Yfiler®, GlobalFiler™									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
23										
12										
2										
ZLZTZL	PowerPlex® Fusion 6C Direct									
2	11									
16										
18										
ZNGWW6	GlobalFiler™									
2	11									
2										
ZNMEN3	GlobalFiler™									
2	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 2 - YSTR Results

ZTDM73	PowerPlex® Fusion 6C									
2	11									
	16 18									
ZU4QQH	Yfiler®, PowerPlex® Fusion									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
	23								12	
ZUHEN3	Investigator® 24plex									
2	11									
ZV3643	Yfiler®									
2	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
	23								12	

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

26PBYZ	GlobalFiler™										
3											10,11
2											
29LY8F	Yfiler®, PowerPlex® Fusion 5C										
3	NA	INC	INC	INC	INC	INC	INC	INC	INC	INC	INC
	INC	INC	INC	NA	INC	INC	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	INC	NA	INC	NA
33BAY7	Yfiler®										
3	14,15		11,13,15,16		13	29,31	23,25	10,11	12,14	13,14	14,15
	10,12	11,12	18,20			15,16	16,17				
								23	11,12		
393CGP	Yfiler® Plus, GlobalFiler™										
3	36,37	14,15	11,13,15,16		13	29,31	23,25	10,11	12,14	13,14	14,15
	10,12	11,12	18,20		27,30	15,16	16,17	11	25,27	38	
	12,13				16,18	16,18	20,23		23	11,12	
2											
3WNE7E	Yfiler®, PowerPlex® Fusion 5C										
3	NA	INC	INC	INC	INC	INC	INC	INC	INC	INC	INC
	INC	INC	INC	NA	INC	INC	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	INC	NA	INC	NA
6CXZQV	GlobalFiler™										
3											10,11
2											
9ZL37W	PowerPlex® Y 23										
3	14,15		11,13,15,16		13	29,31	23,25	10,11	12,14	13,14	14,15
	10,12	11,12	18,20			15,16	16,17	25,27			
	12,13		12	16,18	16,18				23	10,12	11,12
A9TCLZ	PowerPlex® Y 23										
3	[14],15		[11],[13],15,16		13	[29],31	23,[25]	10,[11]	12,[14]	[13],14	14,[15]
	10,[12]	11,[12]	[18],20			15,[16]	16,[17]	[25],27			
	12,[13]		12	[16],18	16,[18]				23	[10],12	11,[12]
AV2L2W	Yfiler® Plus, PowerPlex® Y 23										
3	36,37	14,15	11,13,15,16		13,13	29,31	23,25	10,11	12,14	13,14	14,15
	10,12	11,12	18,20		27,29,30	15,16	16,17	11,11	25,27		
	12,13		12,12	16,18	16,18	20,23		23,23	10,12	11,12	2
DMA3ME	Yfiler® Plus, GlobalFiler™										
3	36,37	14,15	11,13,15,16		13	29,31	23,25	10,11	12,14	13,14	14,15
	10,12	11,12	18,20		27,30	15,16	16,17	11	25,27	38	
	12,13				16,18	16,18	20,23		23	11,12	
2											
DV2FME	Yfiler® Plus, GlobalFiler™										
3	36,37	14,15	11,13,15,16		13	29,31	23,25	10,11	12,14	13,14	14,15
	10,12	11,12	18,20		27,30	15,16	16,17	11	25,27	38	
	12,13				16,18	16,18	20,23		23	11,12	
2											
EWZBF2	Yfiler®, PowerPlex® Fusion 5C										
3	NA	INC	INC	INC	INC	INC	INC	INC	INC	INC	INC
	INC	INC	INC	NA	INC	INC	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	INC	NA	INC	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 3 - YSTR Results

FB6R9N											
3											10,11
											2
FQVWDC	Yfiler® Plus, GlobalFiler™										
3	36,37	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	27,30	15,16	16,17	11	25,27		38	
		12,13		16,18	16,18		20,23	23		11,12	2
FXTNFY	Yfiler®, PowerPlex® Fusion 5C										
3	NA	INC	INC	INC	INC	INC	INC	INC	INC	INC	INC
	INC	INC	INC	NA	INC	INC	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	INC	NA	INC	NA
GR7V4Y	Yfiler®, PowerPlex® Fusion 5C										
3	NA	INC	INC	INC	INC	INC	INC	INC	INC	INC	INC
	INC	INC	INC	NA	INC	INC	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	INC	NA	INC	NA
JW8XXP	Yfiler®, PowerPlex® Fusion										
3		14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20		15,16	16,17					
								23		11,12	
KPZRVR	PowerPlex® Fusion 6C, 5C										
3											10,11
											16,18
											16,18
L8WVDK	PowerPlex® Y 23										
3		14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20		15,16	16,17		25,27			
		12,13	12	16,18	16,18			23	10,12	11,12	
NKL9E3	Yfiler® Plus, GlobalFiler™										
3	36,37	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	27,30	15,16	16,17	11	25,27		38	
		12,13		16,18	16,18		20,23	23		11,12	2
NLUH2T	Yfiler®, PowerPlex® Fusion 5C										
3	NA	INC	INC	INC	INC	INC	INC	INC	INC	INC	INC
	INC	INC	INC	NA	INC	INC	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	INC	NA	INC	NA
P8DMR3	Yfiler® Plus, GlobalFiler™										
3	36,37	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	27,30	15,16	16,17	11	25,27	N/A	38	
	N/A	12,13	N/A	16,18	16,18	N/A	20,23	23	N/A	11,12	2
PQFYLG	Yfiler®										
3		14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20		15,16	16,17					
								23		11,12	
QDY3VZ	Yfiler® Plus, GlobalFiler™										
3	36,37	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	27,30	15,16	16,17	11	25,27		38	
		12,13		16,18	16,18		20,23	23		11,12	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 3 - YSTR Results

QRX492	Yfiler® Plus, GlobalFiler™										
3	36,37	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	27,30	15,16	16,17	11	25,27		38	
		12,13		16,18	16,18		20,23	23		11,12	2
T7K8EG	Yfiler®										
3		14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20		15,16	16,17					
								23		11,12	
XFNDVB	Yfiler™ PLUS										
3	36-37	14-15	11-13-15-16	13	29-31	23-25	10-11	12-14	13-14	14-15	
	10-12	11-12	18-20	28-31	15-16	16-17	11	25-27		38	
		12-13		16-18	16-18		20-23	23		11-12	
XMDLPH	Yfiler®, PowerPlex® Fusion 5C										
3	N/A	INC	INC	INC	INC	INC	INC	INC	INC	INC	INC
	INC	INC	INC	N/A	INC	INC	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	INC	N/A	INC	N/A
YRX74G	Yfiler®										
3		14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20		15,16	16,17					
								23		11,12	
YUQ4DA	PowerPlex® Y 23										
3		14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20		15,16	16,17		25,27			
		12,13	12	16,18	16,18			23	10,12	11,12	
ZU4QQH	Yfiler®, PowerPlex® Fusion										
3		14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20		15,16	16,17					
								23		11,12	

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
<b>Item 3e - YSTR Results</b>										
223XT3	PowerPlex® Y 23, PowerPlex® Fusion 6C									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	16	16,17		25,27			
	12,13	12	16,18	16,18			23	10,12	11,12	
224PWP	Yfiler®									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	15	
	10,12	11,12	18,20	15,16	16,17					
							23		11,12	
24DJUB	Yfiler®, PowerPlex® Fusion 6C									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17					
			16,18	16,18			23		11,12	
289HY8	Yfiler®									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17					
							23		11,12	
293AMY	Yfiler®, GlobalFiler™									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17					
							23		11,12	2
2BRGD3	PowerPlex® Y 23, GlobalFiler™									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17		25,27			
	12,13	12	16,18	16,18			23	10,12	11,12	2
2C62Z7	PowerPlex® Fusion 6C									
3e	[10],11									
			16,[18]	[16],18						
2GJNWC	Yfiler®, GlobalFiler™									
3e	14	11,13	13	29	25	11	14	13	[14],15	
	12	[11],12	18	[15],16	[16],17					
							23		12	2
2KH9M2	GlobalFiler™									
3e	10,11									
										2
2PB7BK	PowerPlex® Fusion 6C									
3e	10,11									
			16,18	16,18						
2QJD87	Yfiler®									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17					
							23		11,12	
2U3BZ3	Yfiler® Plus, GlobalFiler™									
3e	36,37	14,[15]	11,13,[15],16	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15
	[10],12	[11],12	18,[20]	[27],30	[15],16	[16],17	11	25,[27]		38
		[12],13	16,[18]	[16],18			[20],23	23		[11],12
										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 3e - YSTR Results

2WV49T	GlobalFiler™										
3e											10,11
											2
2X6BBL	Yfiler®, GlobalFiler™										
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15		
											10,12
											11,12
											18,20
											15,16
											16,17
											23
											11,12
											2
2YRZAE	GlobalFiler™										
3e	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	10,11	Not Tested	Not Tested	Not Tested	
											Not Tested
											Not Tested
											Not Tested
											Not Tested
											Not Tested
											Not Tested
											Not Tested
											Not Tested
											2
2ZQ7K8	Yfiler®										
3e	14	11,13	13	29	25	10,11	14	13,14	15		
											10,12
											12
											18,20
											15,16
											16,17
											23
											12
32NNK3	PowerPlex® Y 23, GlobalFiler™										
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15		
											10,12
											11,12
											18,20
											15,16
											16,17
											25,27
											12,13
											12
											16,18
											16,18
											23
											10,12
											11,12
											2
32TFZG	GlobalFiler™										
3e											10,11
											2
344DH6	GlobalFiler™										
3e											10,11
											2
37BNFU	GlobalFiler™										
3e											10,11
											2
39KJHZ	GlobalFiler™										
3e											[10],11
											2
39MBAG	Investigator® 24plex QS										
3e											10,11
											2
3C3HXG	Yfiler®										
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15		
											10,12
											11,12
											18,20
											15,16
											16,17
											23
											11,12
											2
3CG683	GlobalFiler™										
3e											10,11
											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 3e - YSTR Results

3CXCBY	Yfiler®, GlobalFiler™										
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15		
	10,12	11,12	18,20	15,16	16,17						
							23		11,12	2	
3H7MJT	GlobalFiler™										
3e	NT	NT	NT	NT	NT	NT	[10],11	NT	NT	NT	
	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2
3LM74N	PowerPlex® Fusion 6C										
3e							11				
				16	18						
3LQJ8Y	GlobalFiler™										
3e							10,11				
											2
3LU2CP	GlobalFiler™, Yfiler™ Plus										
3e	36,37	14,[15]	11,13,[15],[16]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15	
	[10],12	[11],12	18,[20]	[27],30	[15],16	[16],17	11	25,[27]		38	
		[12],13	16,[18]	[16],18			[20],23	23		[11],12	2
3LUYMK	PowerPlex® Fusion 5C										
3e							[10],11				
3VNJEV	Yfiler®, PowerPlex® Fusion 5C										
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15		
	10,12	11,12	18,20	15,16	16,17						
							23		11,12		
3X33HR	PowerPlex® Y 23										
3e											
3XJ4H9	Yfiler®, PowerPlex® Fusion 6C										
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15		
	10,12	11,12	18,20	15,16	16,17						
			16,18	16,18			23		11,12		
3YYBXX	Yfiler®, GlobalFiler™										
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15		
	10,12	11,12	18,20	15,16	16,17						
							23		11,12	2	
446BU2	GlobalFiler™										
3e							10,11				
											2
44Z46Y	PowerPlex® Fusion										
3e							[10],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 3e - YSTR Results

4787AH										
3e	10,11									
<hr/>										
47MPUF	GlobalFiler™									
3e	10,11									
<hr/>										
482WDC	Yfiler®, GlobalFiler™									
3e	14,[15]	11,13,[15],[16]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15	
	[10],12	[11],12	18,[20]	[15],16	[16],17					
								23	[11],12	2
<hr/>										
48WN34	Yfiler®									
3e										
<hr/>										
4D9KTY	PowerPlex® Y 23									
3e	14,15	11,13,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17		25,27			
	12,13	12	16,18	16,18			23	10,12	11,12	
<hr/>										
4JP8G9	Yfiler®, PowerPlex® Fusion 5C, Investigator® 24plex									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17					
								23	11,12	
<hr/>										
4JVD3D	Yfiler®, GlobalFiler™									
3e	14,[15]	11,13,[15],16]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15	
	[10],12	[11],12	18,[20]	[15],16	[16],17					
								23	[11],12	2
<hr/>										
4KALMY	PowerPlex® Fusion									
3e	[10],11									
<hr/>										
4KAWT3	GlobalFiler™									
3e	10,11									
<hr/>										
4KTNZ2	GlobalFiler™									
3e	10,11									
<hr/>										
4L2QWX	Yfiler®, GlobalFiler™									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17					
								23	11,12	2
<hr/>										
4P24FW	Yfiler®									
3e	14,15	11,13,15,16	13	29,31	23,25	11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17					
								23	11,12	

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 3e - YSTR Results

4PGCCX	GlobalFiler™									
3e	10,11									
2										
4XC7VQ	PowerPlex® Y 23									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20		15,16	16,17	25,27			
	12,13	12	16,18	16,18			23	10,12	11,12	
4ZGYPN	PowerPlex® Y 23									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20		15,16	16,17	25,27			
	12,13	12	16,18	16,18			23	10,12	11,12	
62BWK3	PowerPlex® Fusion 6C									
3e	[10],11									
2										
63A99H	GlobalFiler™									
3e	10,11									
2										
63HJRE	Yfiler®									
3e	14,[15]	11,13,[15],[16]	13	29	[23],25	[10],11	[12],14	13,[14]	[14],15	
	[10],12	[11],12	18,[20]		[15],16	[16],17				
							23		12	2
67T46B	Yfiler®, GlobalFiler™									
3e	14,(15)	11,13,(15),(16)	13	29,(31)	(23),25	(10),11	(12),14	13,(14)	(14),15	
	(10),12	(11),12	18,(20)		(15),16	(16),17				
							23		(11),12	2
68AQ7G	Yfiler®									
3e	14,[15]	11,13,[15],[16]	13	29,[31]	[23],25	10,11	[12],14	13,[14]	[14],15	
	[10],12	12	18,[20]		[15],16	[16],17				
							23		[11],12	2
68ZJAF	Yfiler® Plus									
3e	36,37	14,[15]	11,13,[15],[16]	13	29,[31]	23,25	10,11	12,14	13,[14]	14,15
	[10],12	[11],12	18,[20]	[27],30	15,16	16,17	11	25,[27]		38
		[12],13		16,[18]	16,18		[20],23	23		[11],12
										2
69V2KH	Yfiler®, GlobalFiler™									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20		15,16	16,17				
							23		11,12	2
6ARKDX	PowerPlex® Fusion 6C									
3e	10,11									
2										
6BJHUQ	Yfiler®									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20		15,16	16,17				
							23		11,12	

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 3e - YSTR Results

6BUPF6	Yfiler® Plus, GlobalFiler™										
3e	36,37	14,[15]	11,13,[15]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15	
	[10],12	[11],12	18,[20]	[27],30	[15],16	[16],17	11	25,[27]	-	38	
	-	13	-	16	[16],18	-	[20],23	23	-	[11],12	2
6CQTGT	GlobalFiler™										
3e							10,11				
											2
6F89VR	Investigator® 24plex										
3e							10,11				
6FR2PP	Yfiler® Plus, GlobalFiler™										
3e	36,37	14,[15]	11,13,[15],[16]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15	
	[10],12	[11],12	18,[20]	[27],30	[15],16	[16],17	11	25,[27]	-	38	
		[12],13		16,[18]	[16],18		[20],23	23		[11],12	2
6K98NK	PowerPlex® Y 23, PowerPlex® Fusion 6C										
3e		14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20		15,16	16,17		25,27			
		12,13	12	16,18	16,18			23	10,12	11,12	
6LEVCA	PowerPlex® Y 23										
3e		14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20		15,16	16,17		25,27			
		12,13	12	16,18	16,18			23	10,12	11,12	
6LJ99X	PowerPlex® Fusion 6C										
3e							10,11				
					16,18	16,18					
6MCZHJ	PowerPlex® Y 23, PowerPlex® Fusion 6C										
3e		14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20		15,16	16,17		25,27			
		12,13	12	16,18	16,18			23	10,12	11,12	
6MWQCN	Investigator® 24plex										
3e							10,11				
6TGUDY	PowerPlex® Fusion 5C										
3e							10,11				
6V68W3	Yfiler®, PowerPlex® Fusion										
3e		14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20		15,16	16,17					
								23		11,12	
6WHX78	GlobalFiler™										
3e							[10],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 3e - YSTR Results

6XCJZX	Yfiler®, GlobalFiler™									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17					
							23		11,12	2
6ZZ8DY	Yfiler®, PowerPlex® Fusion 6C									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17					
			16,18	16,18			23		11,12	
72TEYM	GlobalFiler™									
3e						[10],11				
										2
76TN6J	PowerPlex® Fusion 6C									
3e						10,11				
				16,18	16,18					
78RTJ	Yfiler®									
3e	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
			16	18			23		12	
799VTH	PowerPlex® Fusion 6C									
3e						10,11				
				16,18	16,18					
79BMKY	PowerPlex® Fusion 6C									
3e						10,11				
				16,18	16,18					
7EDXH4	GlobalFiler™									
3e						10,11				
										2
7EFLVN	Yfiler® Plus, GlobalFiler™									
3e	36,37	14,[15]	11,13,[15,16]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15
	[10],12	[11],12	18,[20]	[27],30	[15],16	[16],17	11	25,[27]		38
		[12],13	16,[18]	[16],18			[20],23	23		[11],12
										2
7FPT7G	PowerPlex® Fusion 6C									
3e						10,11				
				16,18	16,18					
7HFUAJ	PowerPlex® Fusion 6C									
3e						10,11				
				16,18	16,18					
7L89C8	PowerPlex® Y 23									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17		25,27			
		12,13	12	16,18	16,18		23	10,12	11,12	



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 3e - YSTR Results

7MKNUE	Yfiler™ Plus									
3e	36,37	14,[15]	11,13,[15],[16]	13	29,[31]	[23],25	10,11	[12],14	13,14	14,15
	[10],12	11,12	18,[20]	[27],30	15,16	16,17	11	25,[27]		38
		12,13		16,18	16,18		[20],23	23		11,12 2
7R22YN	GlobalFiler™									
3e	10,11									
	2									
7TWH7	Yfiler®									
3e		14	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	15
	10,12	11,12	18,20		15,16	16,17				
								23		11,12 2
7X7QJ2	PowerPlex® Fusion 6C									
3e	10,11									
				16,18	16,18					
7X7T4Y	GlobalFiler™									
3e	10,11									
	2									
7XLA4Y	PowerPlex® Fusion									
3e	10,11									
				16,18	16,18					
7XQEZB	Investigator® 24plex QS									
3e	[10],11									
7ZU8N3	PowerPlex® Y 23, GlobalFiler™									
3e		14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15
	10,12	11,12	18,20		15,16	16,17		25,27		
		12,13	12	16,18	16,18			23	10,12	11,12 2
82NEDD	PowerPlex® Fusion 6C									
3e	10,11									
				16,18	16,18					
84DQBX	PowerPlex® Fusion 6C									
3e	10,11									
				16,18	16,18					
84QDHY	Yfiler®									
3e		14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15
	10,12	11,12	18,20		15,16	16,17				
								23		11,12
88AABV	Yfiler®									
3e										

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 3e - YSTR Results

89JEKD	Yfiler®										
3e		14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20		16	16,17					
								23		11,12	
8BMA8M	Yfiler®, GlobalFiler™										
3e	N/A	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	N/A	15,16	16,17	N/A	N/A	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	23	N/A	11,12	2
8CMWE2	PowerPlex® Fusion 6C										
3e							11				
				16	[16],18						
8D3CHG	PowerPlex® Fusion 6C										
3e							10,11				
				16	16,18						
8EMJEH	PowerPlex® Y 23										
3e		14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20		15,16	16,17		25,27			
		12,13	12	16,18	16,18			23	10,12	11,12	
8GCMBW	GlobalFiler™										
3e							10,11				
											2
8LRZ8D	PowerPlex® Y 23										
3e		14,[15]	11,13,[15],[16]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15	
	[10],12	[11],12	18,[20]		[15],16	[16],17		25,[27]			
		[12],13	12	16,[18]	[16],18			23	10,[12]	[11],12	
8MTWWF	PowerPlex® Fusion 6C										
3e							10,11				
				16	[16],18						
8N2A4V	Yfiler®, PowerPlex® Fusion 6C										
3e		14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20		15,16	16,17					
				16,18	16,18			23		11,12	
8NFD6M	Yfiler®, GlobalFiler™										
3e		14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20		15,16	16,17					
								23		11,12	2
8PMWQC	Yfiler®, GlobalFiler™										
3e	N/T	14,[15]	11,13,[15],[16]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15	
	[10],12	[11],12	18,[20]	N/T	[15],16	[16],17	N/T	N/T	N/T	N/T	
	N/T	N/T	N/T	N/T	N/T	N/T	N/T	23	N/T	[11],12	2
8Q2FEF	Yfiler®, GlobalFiler™										
3e		14,[15]	11,13,[15],[16]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15	
	[10],12	[11],12	18,[20]		[15],16	[16],17					
								23		[11],12	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 3e - YSTR Results

8TTBGG	GlobalFiler™									
3e	10,11									
	2									
8UPYRY	GlobalFiler™									
3e	10,11									
	2									
942E3D	PowerPlex® Y 23									
3e	14,[15]	11,13,[15],[16]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15	
	[10],12	[11],12	18,[20]	[15],16	[16],17		25,[27]			
	[12],13	12	16,[18]	[16],18			23	10,[12]	[11],12	
948NYJ	PowerPlex® Y 23									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17		25,27			
	12,13	12	16,18	16,18			23	10,12	11,12	
96E7WE	GlobalFiler™									
3e	[10],11									
	2									
96ZKPD	GlobalFiler™									
3e	[10],11									
	2									
9792AP	PowerPlex® Y 23									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17		25,27			
	12,13	12	16,18	16,18			23	10,12	11,12	
97FQ7N	Yfiler® Plus, GlobalFiler™									
3e	36,37	14,[15]	11,13,[15],[16]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15
	[10],12	[11],12	18,[20]	[27],30	[15],16	[16],17	11	25,[26],[27]		38
	[12],13		16,[18]	[16],18			[20],23	23		[11],12
										2
9EUTA6	Yfiler®, GlobalFiler™									
3e	14,[15]	11,13,[15],[16]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15	
	[10],12	[11],12	18,[20]	[15],16	[16],17					
							23		[11],12	2
9JL2FW	PowerPlex® Fusion 6C									
3e	10,11									
	16,18									
	16,18									
9P6FWV	Yfiler®, GlobalFiler™									
3e	14,[15]	11,13,[15],[16]	13	29,[31]	23,25	10,11	[12],14	13,14	14,15	
	[10],12	11,12	18,20	15,16	16,17					
							23		[11],12	2
9PJN4B	Yfiler® Plus									
3e	36,37	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15
	10,12	11,12	18,20	27,30	15,16	16,17	11	25,27		38
	12,13		16,18	16,18			20,23	23		12

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 3e - YSTR Results

9QYY6N	Yfiler®, Investigator® 24plex									
3e	14,15	11,13	13	29	25	10,11	14	13	14,15	
	10,12	11,12	18	15,16	16,17					
							23		11,12	
9RCH3Z	Yfiler®									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17					
							23		11,12	
9RCMGN	Yfiler® Plus, GlobalFiler™									
3e						10,11				
										2
9RGY6K	GlobalFiler™									
3e						10,11				
										2
9YDU64	Yfiler®									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17					
							23		11,12	2
A2HQCX	PowerPlex® Fusion 6C									
3e						[10],11				
				16,[18]	[16],18					
A323DM	PowerPlex® Y 23									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17		25,27			
		12,13	12	16,18	16,18		23	10,12	11,12	2
A36LKY	PowerPlex® Y 23, GlobalFiler™									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17		25,27			
		12,13	12	16,18	16,18		23	10,12	11,12	2
A42YBD	PowerPlex® Fusion 5C									
3e						[10],11				
A76UQU	GlobalFiler™									
3e						10,11				
										2
A7P9GT	Yfiler® Plus, GlobalFiler™									
3e	36,37	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15
	10,12	11,12	18,20	27,30	15,16	16,17	11	25,27		38
		12,13		16,18	16,18		20,23	23		11,12
										2
A8P8RE	GlobalFiler™									
3e						10,11				
										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 3e - YSTR Results

AAMRJQ	Yfiler® Plus, GlobalFiler™										
3e	36,37	14,[15]	11,13,[15],[16]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15	
	[10],12	[11],12	18,[20]	[27],30	[15],16	[16],17	11	25,[27]		38	
		[12],13		16,[18]	[16],18		[20],23	23		[11],12	2
ABEYF9	Yfiler® Plus, GlobalFiler™ YIndel										
3e	36,37	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	27,30	15,16	16,17	11	25,27		38	
		12,13		16,18	16,18		20,23	23		11,12	2
ABV7J6	GlobalFiler™										
3e							10,11				
											2
ACWUD3	Investigator® 24plex										
3e							10,11				
											2
ADUCBC	PowerPlex® Fusion										
3e							10,11				
											2
AFV4LJ	Investigator® 24plex										
3e	NA	NA	NA	NA	NA	NA	10,11	NA	NA	NA	
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AVRK9W	Yfiler®, PowerPlex® Fusion 6C										
3e		14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17					
				16	18			23		12	
B429MU											
3e							10,11				
				16,18	16,18						2
B8W62M	PowerPlex® Y 23										
3e		14,[15]	11,13,[15],[16]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15	
	[10],12	[11],12	18,[20]		[15],16	[16],17		25,[27]			
		[12],13	12	16,[18]	[16],18			23	10,[12]	[11],12	
B9YLTT	GlobalFiler™										
3e	-	-	-	-	-	-	10,11	-	-	-	
	-	-	-	-	-	-	-	-	-	-	
	-	-	-	-	-	-	-	-	-	-	2
BE2QPH	GlobalFiler™										
3e							10,11				
											2
BG8C84	GlobalFiler™										
3e							10,11				
											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

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BGRUBX	GlobalFiler™									
3e	10,11									
2										
BHZZKT	Yfiler®									
3e										
BJTZLP	GlobalFiler™									
3e	10,11									
2										
BJWHPF	Yfiler® Plus, GlobalFiler™									
3e	36,37	14,[15]	11,13,[15],[16]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15
	[10],12	[11],12	18,[20]	[27],30	[15],16	[16],17	11	25,[27]		38
		[12],13		16,[18]	[16],18		[20],23	23		[11],12
2										
BL22NW	GlobalFiler™									
3e	10,11									
2										
BL2766	PowerPlex® Fusion									
3e	10,11									
2										
BMUYW3	Yfiler®									
3e	-	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15
	10,12	11,12	18,20	-	15,16	16,17	-	-	-	-
	-	-	-	-	-	-	-	23	-	11,12
-										
BN64CR	PowerPlex® Fusion 6C									
3e	-	-	-	-	-	-	10,11	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	16,18	16,18	-	-	-	-	-
-										
BPX2QX	GlobalFiler™									
3e	10,11									
2										
BTZR2J	PowerPlex® Y 23									
3e										
BXGZPJ	Investigator® 24plex QS									
3e	[10],11									
2										
C2CA7Q	GlobalFiler™ Casework									
3e	10,11									
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 3e - YSTR Results

C2PQ4P	Yfiler®, GlobalFiler™									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17					
							23		11,12	2
C3HUR6	GlobalFiler™									
3e						10,11				
										2
C4ZR9W	GlobalFiler™									
3e						10,11				
										2
C6BK2Q	GlobalFiler™									
3e						10,11				
										2
C8AYJ9	Yfiler™ Plus									
3e	36,37	14,[15]	11,13,15,16	13	29,[31]	23,25	10,11	12,14	13,[14]	14,15
	[10],12	11,12	18,[20]	[27],30	15,16	16,17	11	25,[27]		38
		12,13		16,18	16,18		[20],23	23		[11],12
										2
CA3QPD	GlobalFiler™									
3e						10,11				
										2
CBYEZW	GlobalFiler™									
3e						10,11				
										2
CDDZGH	GlobalFiler™									
3e						10,11				
										2
CEG8AQ	PowerPlex® Fusion 6C									
3e						10,11				
				16,18	16,18					
CEU7VL	Yfiler®, GlobalFiler™, Investigator® 24plex									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13	14,15	
	10,12	11,12	18,20	15,16	16,17					
							23		11,12	2
CGLXG7	GlobalFiler™									
3e						10,11				
										2
CGNLQH	Investigator® 24plex QS									
3e						[10],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 3e - YSTR Results

DDJKXX	Yfiler®, PowerPlex® Fusion 6C									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17					
			16,18	16,18			23		11,12	
DNZ92K	PowerPlex® Y 23, GlobalFiler™, PowerPlex® Fusion									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17		25,27			
		12,13	12	16,18	16,18		23	10,12	11,12	2
DP7N9B	Yfiler® Plus									
3e	36,37	14,[15]	11,13,[15],[16]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15
	[10],12	[11],12	18,[20]	[27],30	[15],16	[16],17	11	25,[27]		38
		[12],13		16,[18]	[16],18		[20],23	23		[11],12
DPNUAL	PowerPlex® Y 23, PowerPlex® Fusion 5C									
3e							[10],11			
DUZMM7	Yfiler®									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17					
							23		11,12	
DVUG9G	PowerPlex® Y 23, Investigator® 24plex									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17		25,27			
		12,13	12	16,18	16,18		23	10,12	11,12	
DXQTCW	GlobalFiler™									
3e	-	-	-	-	-	10,11	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	2
E44E8K	Yfiler®									
3e										
E4NWP9	GlobalFiler™									
3e						10,11				
										2
E67RGM	PowerPlex® Fusion 6C									
3e						10,11				
				16,18	16,18					
E6LDLJ	PowerPlex® Y 23, GlobalFiler™, PowerPlex® Fusion 6C									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17		25,27			
		12,13	12	16,18	16,18		23	10,12	11,12	2
E8MA77	Yfiler®									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17					
							23		11,12	

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 3e - YSTR Results

E8MEQL	PowerPlex® Fusion 6C									
3e	10,11									
	16,18 16,18									
EGWMJU	GlobalFiler™									
3e	10,11									
	2									
EJMNMW	Yfiler®, PowerPlex® Fusion 6C									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17					
	16,18 16,18 23 11,12									
EKC9AF	PowerPlex® Y 23									
3e	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	NA	NA	NA
EP86PL	PowerPlex® Fusion 6C									
3e	10,11									
	16,18 16,18									
EQYWX7	Yfiler®									
3e	14,[15]	11,13,[15],[16]	13	29	[23],25	[10],11	[12],14	13,[14]	[14],15	
	[10],12	12	18,[20]	[15],16	[16],17					
	23 [11],12 2									
ETP4BF	PowerPlex® Fusion 5C									
3e	[10],11									
EVWF4Q	GlobalFiler™									
3e	10,11									
	2									
EXV34T	GlobalFiler™									
3e	10,11									
	2									
F2W8QD	Investigator® 24plex									
3e	10,11									
F2XX3N	GlobalFiler™									
3e	10,11									
	2									
F3LMR9	PowerPlex® Y 23									
3e	14,[15]	11,13,[15],16	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15	
	[10],12	[11],12	18,[20]	[15],16	[16],17		25,[27]			
	[12],13 12 16,[18] [16],18 23 10,[12] [11],12									

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 3e - YSTR Results

F4773M	PowerPlex® Fusion 6C									
3e	10,11									
	16,18 16,18									
F6R7UB	PowerPlex® Y 23									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17		25,27			
	12,13	12	16,18	16,18			23	10,12	11,12	
FA8F6U	PowerPlex® Y 23, GlobalFiler™									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17		25,27			
	12,13	12	16,18	16,18			23	10,12	11,12	2
FAAA27	Yfiler®, GlobalFiler™									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17					
							23		11,12	2
FEPHP7	PowerPlex® Fusion 6C									
3e	10,11									
	16,18 16,18									
FHG8BH	GlobalFiler™									
3e	10,11									
	2									
FJTM3X	Yfiler®									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17					
							23		11,12	
FKFTT4	Yfiler®									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13	14,15	
	10,12	11,12	18,20	15,16	16,17					
							23		11,12	2
FKFVH9	PowerPlex® Fusion 6C									
3e	10,11									
	16 16,18									
FKQX2L	PowerPlex® Fusion 6C									
3e	10,11									
	16,18 16,18									
FLN7A7	PowerPlex® Fusion 6C									
3e	10,11									
	16,18 16,18									
FLYAF3	PowerPlex® Y 23, PowerPlex® Fusion 5C									
3e	14,[15]	11,13,[15],[16]	13	29	[23],25	[10],11	[12],14	13,[14]	[14],15	
	[10],12	[11],12	18,[20]	[15],16	[16],17		25,[27]			
	[12],13	12	16,[18]	[16],18			23	10	[11],12	

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 3e - YSTR Results

FMTV9T	GlobalFiler™									
3e	10,11									
	2									
FVNVLZ	Yfiler®, GlobalFiler™									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17					
								23	11,12	2
FXGPMB	PowerPlex® Fusion 6C									
3e	11									
	16 18									
FXVBWC	PowerPlex® Y 23									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17		25,27			
	12,13	12	16,18	16,18			23	10,12	11,12	
FZKHGA	PowerPlex® Y 23									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17		25,27			
	12,13	12	16,18	16,18			23	10,12	11,12	
G3J6KX	PowerPlex® Y 23									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17		25,27			
	12,13	12	16,18	16,18			23	10,12	11,12	
G4LNZ2	Investigator® 24plex QS									
3e	10,11									
	2									
G6AEKQ	Yfiler®, GlobalFiler™									
3e	14,[15]	11,13,[15,16]	13	29,31	23,25	10,11	12,14	13,[14]	14,15	
	[10],12	11,12	18,[20]	[15],16	16,17					
								23	11,12	2
G9PRG8	Yfiler®									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17					
								23	11,12	
GAQPNM	GlobalFiler™									
3e	10,11									
	2									
GAZQFM	Yfiler®									
3e										
GCE2YZ	GlobalFiler™									
3e	10,11									
	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 3e - YSTR Results

GD8YTD	Investigator® 24plex										
3e	10,11	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	NA	NA	NA	NA	NA	NA
GEUWNX	GlobalFiler™										
3e	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	10,11	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
GFVN9Y	PowerPlex® Fusion 5C										
3e	11										
GHLR27	PowerPlex® Fusion 6C										
3e	10,11										
				16,18	16,18						
GL28CJ	Yfiler®, GlobalFiler™										
3e		14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20		15,16	16,17					
								23		11,12	2
GNNYJU	Yfiler®										
3e		14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20		15,16	16,17					
								23		11,12	2
GQP23P	Yfiler® Plus, GlobalFiler™										
3e	36,37	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	27,30	15,16	16,17	11	25,27		38	
		12,13		16,18	16,18		20,23	23		11,12	2
GT3AYJ	Yfiler®										
3e		14,15	11,13,15,16	13	29,31	25	10,11	12,14	13,14	14,15	
	10,12	12	18,20		15,16	16,17					
								23		11,12	
GW3KQD	GlobalFiler™, Yfiler™ Plus										
3e	36,37	14,[15]	11,13,[15,16]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15	
	[10],12	[11],12	18,[20]	[27],30	[15],16	[16],17	11	25,[27]		38	
		[12],13		16,[18]	[16],18		[20],23	23		[11],12	2
GXR2ND	PowerPlex® Y 23, Investigator® 24plex QS										
3e		14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	12	11,12	18,20		15,16	16,17		25,27			
		12,13	12	16,18	16,18			23	10,12	11,12	
GY94LD	PowerPlex® Y 23										
3e											
H2RE3P	GlobalFiler™										
3e	10,11										

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 3e - YSTR Results

H4BNWM	PowerPlex® Fusion 6C									
3e	[10],11									
	16,[18] [16],18									
H4UJC4	Yfiler®									
3e	14,15	11,13,15,16	13	29	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20		15,16	16,17				
							23		11,12	
H8JPA8	Yfiler®, PowerPlex® Fusion 6C									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20		15,16	16,17				
			16,18	16,18			23		11,12	
H97M37	PowerPlex® Y 23									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20		15,16	16,17	25,27			
		12,13	12	16,18	16,18		23	10,12	11,12	
HACW7W	PowerPlex® Y 23									
3e	14	11,13	13	29	25	11	14	13	15	
	12	12	18		16	17	25			
		13	12	16	18		23	10	12	
HD6L4B	GlobalFiler™									
3e	[10],11									
	2									
HDKZ6E	GlobalFiler™									
3e	10,11									
	2									
HDMUY7	Yfiler® Plus, GlobalFiler™									
3e	36,37	14	11,13	13	29	25	10,11	14	13,14	14,15
	10,12	12	18,20	27,30	15,16	16,17	11	25,27		38
		12,13		16	16,18		23	23		11,12 2
HF7U4F	Yfiler® Plus, GlobalFiler™									
3e	36,37	14,[15]	11,13,[15],[16]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15
	[10],12	[11],12	18,[20]	[27],30	[15],16	[16],17	11	25,[27]		38
		[12],13		16,[18]	[16],18		[20],23	23		12 2
HJAD9M	GlobalFiler™									
3e	10,11									
	2									
HN3N2D	Yfiler® Plus, GlobalFiler™									
3e	36,37	14,[15]	11,13,[15],[16]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15
	[10],12	[11],12	18,[20]	[27],30	[15],16	[16],17	11	25,[27]		38
		[12],13		16,[18]	[16],18		[20],23	23		[11],12 2
HQQATN	PowerPlex® Fusion 6C									
3e	10,11									
	16,18 16,18									

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 3e - YSTR Results

HRX97H	Yfiler®									
3e	[REDACTED]									
HVD4LF	GlobalFiler™									
3e	[REDACTED]									
							10,11			
										2
HYPL97	PowerPlex® Fusion 6C									
3e	[REDACTED]									
							10,11			
			16,18		16,18					
HZV7QY	GlobalFiler™									
3e	[REDACTED]									
							[10],11			
										2
J33QEE	Yfiler® Plus, GlobalFiler™									
3e	36,37	14,[15]	11,13,[15],[16]	13	29,[31]	[23],25	10,11	[12],14	13,[14]	14,15
	[10],12	[11],12	18,[20]	[27],30	[15],16	[16],17	11	25,[27]		38
		[12],13		16,[18]	[16],18		[20],23	23		[11],12
										2
JFLGYM	PowerPlex® Fusion 6C									
3e	[REDACTED]									
							10,11			
			16,18		16,18					
JGY4JM	PowerPlex® Fusion 6C									
3e	[REDACTED]									
							[10],11			
			16,[18]		[16],18					
JGZRYT	Yfiler®									
3e		14	11,13,[15],[16]	13	29,[31]	25	[10],11	[12],14	13,[14]	[14],15
	[10],12	[11],12	18,[20]		[15],16	[16],17				
								23		12
										2
JH96D9	PowerPlex® Y 23									
3e		14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15
	10,12	11,12	18,20		15,16	16,17		25,27		
		12,13	12	16,18	16,18			23	10,12	11,12
JHQ3HT	PowerPlex® Fusion 6C									
3e	[REDACTED]									
							10,11			
			16,18		16,18					
JJMGE	PowerPlex® Y 23, GlobalFiler™									
3e		14,[15]	11,13,[15],[16]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15
	[10],12	[11],12	18,[20]		[15],16	[16],17		25,[27]		
		[12],13	12	16,[18]	[16],18			23	10,[12]	[11],12
										2
JJP6MQ	GlobalFiler™									
3e	[REDACTED]									
							10,11			
										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 3e - YSTR Results

JL4X74	Yfiler®									
3e	14,[15]	11,13,[15,16]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15	
	[10],12	[11],12	18,[20]	[15],16	[16],17					
							23		[11],12	2
JLA4UT	Investigator® 24plex									
3e						10,11				
JNYBEP	Investigator® 24plex									
3e						10,11				
JPV27Q	Yfiler®, PowerPlex® Fusion 6C									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17					
			16	16,18			23		11,12	
JQK62H	GlobalFiler™									
3e						10,11				
										2
JRV44E	GlobalFiler™									
3e						10,11				
										2
JWJU3U	PowerPlex® Y 23									
3e	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17		25			
		13	12	16	18		23	10	12	
JX9NEL	PowerPlex® Fusion 6C									
3e						10,11				
				16,18	16,18					
JZND3	PowerPlex® Fusion 6C									
3e						10,11				
				16,18	16,18					
K3C8Q4	PowerPlex® Y 23									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17		25,27			
	12,13	12	16,18	16,18			23	10,12	11,12	
K3D63Z	Yfiler® Plus									
3e	36,37	14,[15]	11,13,[15],[16]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15
	[10],12	[11],12	18,[20]	[27],30	[15],16	[16],17	11	25,[27]		38
		[12],13	16,[18]	[16],18			[20],23	23		[11],12
K46ZLM	Yfiler®									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17					
							23		11,12	



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 3e - YSTR Results

K62FZK	PowerPlex® Fusion 6C									
3e	10,11									
	16,18 16,18									
KC4GGM	Yfiler®, PowerPlex® Fusion 6C									
3e	14,[15]	11,13,[15],[16]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15	
	[10],12	[11],12	18,[20]	[15],16	[16],17					
	16,[18] [16],18 23 [11],12									
KCX97D	GlobalFiler™									
3e	10,11									
	2									
KGRCXC	Yfiler® Plus, GlobalFiler™									
3e	36,37	14,[15]	11,13,[15],[16]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15
	[10],12	[11],12	18,[20]	[27],30	[15],16	[16],17	11	25,[27]		38
	[12],13 16,[18] [16],18 [20],23 23 [11],12 2									
KGUXMK	Yfiler® Plus, GlobalFiler™									
3e	36,37	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15
	10,12	11,12	18,20	27,30	15,16	16,17	11	25,27		38
	12,13 16,18 16,18 20,23 23 11,12 2									
KGXPK9	GlobalFiler™									
3e	10,11									
	2									
KKETHQ	Yfiler®									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	12	18,20	15,16	16,17					
	23 11,12									
KLHREQ	Yfiler®, PowerPlex® Fusion 6C									
3e	14,[15]	11,13,[15]	13	29,[31]	[23],25	[10],11	14	13,[14]	[14],15	
	[10],12	[11],12	18,[20]	[15],16	[16],17					
	16,[18] [16],18 23 [11],12									
KT4Q2J	Yfiler®, PowerPlex® Fusion 6C									
3e	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
	16 18 23 12									
KTNDCL	Yfiler®, PowerPlex® Fusion									
3e	14,[15]	11,13,[15],[16]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15	
	[10],12	[11],12	18,[20]	[15],16	[16],17					
	23 [11],12									
KTZXDJ	GlobalFiler™									
3e	10,11									
	2									
KUJWF9	PowerPlex® Y 23									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17		25,27			
	12,13 12 16,18 16,18 23 10,12 11,12									

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 3e - YSTR Results

KVLYXX	GlobalFiler™									
3e	10,11									
	2									
KVNMJH	Yfiler® Plus									
3e	36,37	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15
	10,12	11,12	18,20	27,30	15,16	16,17	11	25,27		38
		12,13		16,18	16,18		20,23	23		11,12
KYA7NL	Yfiler® Plus, GlobalFiler™									
3e	36,37	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15
	10,12	11,12	18,20	27,30	15,16	16,17	11	25,27		38
		12,13		16,18	16,18		20,23	23		11,12
	2									
L296CJ	Yfiler® Plus, GlobalFiler™									
3e	36,37	14,(15)	11,13,(15,16)	13	29,(31)	(23),25	(10),11	(12),14	13,(14)	(14),15
	(10),12	(11),12	18,(20)	(27),30	(15),16	(16),17	11	25,(27)		38
		(12),13		16,(18)	(16),18		(20),23	23		(11),12
	2									
L4N4YU	GlobalFiler™									
3e	10,11									
	2									
L8HDML	Yfiler®									
3e		14,15	11,15,16	13	31	23	10,11	12	13,14	14,15
	10	11	18,20		15,16	16,17				
								23		11,12
L9UVZZ	Yfiler® Plus, GlobalFiler™									
3e	36,37	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15
	10,12	11,12	18,20	27,30	15,16	16,17	11	25,27	-	38
	-	12,13	-	16,18	16,18	-	20,23	23	-	11,12
	2									
LDPW4E	PowerPlex® Fusion 6C									
3e	10,11									
	16,18 16,18									
LIF2X4	PowerPlex® Y 23									
3e		14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15
	10,12	11,12	18,20		15,16	16,17		25,27		
		12,13	12	16,18	16,18			23	10,12	11,12
LL6DZV	GlobalFiler™									
3e	10,11									
	2									
LMCPFB	GlobalFiler™									
3e	10,11									
	2									
LMDQ7N	GlobalFiler™									
3e	10,11									
	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 3e - YSTR Results

LP6JF2	GlobalFiler™									
3e	10,11									
2										
LPGFEY	PowerPlex® Y 23									
3e	14,[15]	11,13,[15],[16]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15	
	[10],12	[11],12	18,[20]	[15],16	[16],17		25,[27]			
	[12],13	12	16,[18]	[16],18			23	10,[12]	[11],12	
LR7M32	GlobalFiler™									
3e	[10],11									
2										
LT4W86	Yfiler®									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	15	
	10,12	12	18,20	15,16	16,17					
							23		11,12	
LUALQF	Yfiler®, GlobalFiler™									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17					
							23		11,12	2
LUXN7J	PowerPlex® Y 23, PowerPlex® Fusion 6C									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17		25,27			
	12,13	12	16,18	16,18			23	10,12	11,12	
LVPYJJ	GlobalFiler™									
3e	10,11									
2										
MCP2ZN	Investigator® 24plex									
3e	10,11									
2										
MDMJUC	PowerPlex® Y 23									
3e	14	11,13,[15,16]	13	29	[23],25	[10],11	[12],14	13,[14]	[14],15	
	[10],12	[11],12	18,[20]	[15],16	[15,16],17		25,[27]			
	[12],13	12	16,[18]	[16],18			23	10,[12]	[11],12	
MEZ4P8	PowerPlex® Y 23, Investigator® 24plex									
3e	14	11,13,15,16	13	29,31	23,25	11	14	13	15	
	12	11,12	18,20	15,16	16,17		25,27			
	12,13	12	16,18	16,18			23	10,12	11,12	
MG3WVY	Yfiler®									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17					
							23		11,12	
MJPKYC	GlobalFiler™									
3e	[10],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 3e - YSTR Results

MKK46K	PowerPlex® Fusion 6C										
3e	10,11										
	16,18 16,18										
MLGE39	PowerPlex® Y 23										
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15		
	10,12	11,12	18,20	15,16	16,17		25,27				
	12,13	12	16	16,18			23	10,12	11,12		
MLTBDE	Yfiler®, GlobalFiler™										
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15		
	10,12	11,12	18,20	15,16	16,17						
							23		11,12	2	
MPJHRA	PowerPlex® Y 23										
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15		
	10,12	11,12	18,20	15,16	16,17		25,27				
	12,13	12	16,18	16,18			23	10	11,12		
MTUMBW	GlobalFiler™										
3e	10,11										
	2										
MVJUVU	GlobalFiler™										
3e	10,11										
	2										
MVZ8YW	GlobalFiler™										
3e	NT	NT	NT	NT	NT	NT	10,11	NT	NT	NT	
	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2
MXEAFH	PowerPlex® Fusion 6C										
3e	11										
	16 18										
MXWAH8	Investigator® 24plex QS										
3e	10,11										
N24BPV	GlobalFiler™										
3e	10,11										
	2										
N3F2XZ	Yfiler®, GlobalFiler™										
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15		
	10,12	11,12	18,20	15,16	16,17						
							23		11,12	2	
NA2WXH	Yfiler® Plus, GlobalFiler™										
3e	36,37	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	27,30	15,16	16,17	11	25,27		38	
	12,13		16,18	16,18			23	23		11,12	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 3e - YSTR Results

NEXKKW	Yfiler® Plus, PowerPlex® Fusion 6C										
3e	36,37	14,[15]	11,13,16	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	14,15	
	[10],12	[11],12	18,[20]	[27],30	15,16	17	11	25,[27]		38	
		13		16,18	[16],18		20,23	23		[11],12	
NHK6PZ	PowerPlex® Fusion 6C										
3e							10,11				
				16,18	16,18						
NJB8JF	GlobalFiler™										
3e							10,11				
											2
NMVDUC	Yfiler®, PowerPlex® Fusion 6C										
3e		14,[15]	11,13,[15],16	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15	
	[10],12	[11],12	18,[20]		[15],16	[16],17					
				16,[18]	[16],18			23		[11],12	
NNEEJQ	GlobalFiler™										
3e	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	10,11	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
NQ6HEJ	Yfiler®										
3e	36,37	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	27,30	15,16	16,17	11	25,27		38	
		12,13		16,18	16,18		20,23	23		11,12	
NTQCYQ	Yfiler®, GlobalFiler™										
3e		14,[15]	11,13,[15],[16]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15	
	[10],12	[11],12	18,[20]		[15],16	[16],17					
								23		[11],12	2
NURBHE	GlobalFiler™										
3e							10,11				
											2
NV8BU2	PowerPlex® Fusion 6C										
3e							10,11				
				16,18	16,18						
NW24KE	GlobalFiler™										
3e							10,11				
											2
NWCW7F	Yfiler® Plus										
3e	36,37	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	27,30	15,16	16,17	11	25,27		38	
		12,13		16,18	16,18		20,23	23		11,12	2
NXLB8U	GlobalFiler™										
3e							10,11				
											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 3e - YSTR Results

NZWYXL 3e	Yfiler®									
	12	14	11,13	13	29	25	10,11	14	13	15
		12	18		15,16	16,17				
								23		12
P44YGQ 3e	GlobalFiler™									
							10,11			
										2
PAGFL2 3e	GlobalFiler™, Yfiler™ Plus									
	36,37	14,[15]	11,13,[15],[16]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15
	[10],12	[11],12	18,[20]	[27],30	[15],16	[16],17	11	25,[27]		38
		[12],13		16,[18]	[16],18		[20],23	23		[11],12
										2
PAHDWW 3e	GlobalFiler™									
							[10],11			
										2
PBEXGB 3e	GlobalFiler™									
							[10],11			
										2
PBLAUR 3e	GlobalFiler™									
							10,11			
										2
PCJFHD 3e	Yfiler® Plus, GlobalFiler™									
	36,37	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15
	10,12	11,12	18,20	27,30	15,16	16,17	11	25,27		38
		12,13		16,18	16,18		20,23	23		11,12
										2
PEUH8X 3e	Yfiler® PLUS									
	36,37	14,[15]	11,13,[15],[16]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15
	[10],12	[11],12	18,[20]	[27],30	[15],16	[16],17	11	25,[27]		38
		[12],13		16,[18]	16,18		[20],23	23		[11],12
										2
PHJ2YE 3e	Yfiler®, Investigator® 24plex									
		14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15
	10,12	11,12	18,20		15,16	16,17				
								23		11,12
PJMM22 3e	Yfiler® Plus, GlobalFiler™									
	36,37	14,[15]	11,13,[15],[16]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15
	[10],12	[11],12	18,[20]	[27],30	[15],16	[16],17	11	25,[27]		38
		[12],13		16,[18]	16,18		[20],23	23		11,12
										2
PLDTE7 3e	Yfiler® Plus, GlobalFiler™									
							[10],11			
										2
PTU3AU 3e	Investigator® 24plex QS									
							10,11			

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 3e - YSTR Results

PX7ZEG										
3e	10,11									
[Redacted]										
2										
Q4GUHN	GlobalFiler™									
3e	N/A	N/A	N/A	N/A	N/A	N/A	10,11	N/A	N/A	N/A
[Redacted]										
[Redacted]										
[Redacted]										
Q4NXKV	PowerPlex® Fusion 6C									
3e	10,11									
[Redacted]										
[Redacted]										
[Redacted]										
Q8BBF6	PowerPlex® Y 23									
3e	[Redacted]									
[Redacted]										
Q9HU82	Yfiler®, GlobalFiler™									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
[Redacted]										
[Redacted]										
[Redacted]										
[Redacted]										
QC4D4R	Yfiler®									
3e	-	14,[15]	11,13,[15],[16]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15
[Redacted]										
[Redacted]										
[Redacted]										
QE8863	PowerPlex® Y 23									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
[Redacted]										
[Redacted]										
[Redacted]										
QFZ9ZJ	Yfiler®, PowerPlex® Fusion 6C									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
[Redacted]										
[Redacted]										
[Redacted]										
QGTBDZ	PowerPlex® Y 23									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
[Redacted]										
[Redacted]										
[Redacted]										
QGZZ9E	PowerPlex® Y 23, GlobalFiler™									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
[Redacted]										
[Redacted]										
[Redacted]										
QKEWHU	PowerPlex® Fusion 6C									
3e	10,11									
[Redacted]										
[Redacted]										
[Redacted]										
QMPGR6	PowerPlex® Y PPY23									
3e	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
[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 3e - YSTR Results

QQ6AHX	GlobalFiler™										
3e											10,11
											2
QQKGR9	Yfiler® Plus, GlobalFiler™										
3e	36,37	14,[15]	11,13,[15],[16]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15	
											[10],12
											[11],12
											18,[20]
											[27],30
											[15],16
											[16],17
											11
											25,[27]
											38
											[12],13
											16,[18]
											[16],18
											[20],23
											23
											[11],12
											2
QV6QFW	PowerPlex® Fusion 6C										
3e											10,11
											16,18
											18
QVDLA4	Investigator® 24plex										
3e	N/A	N/A	N/A	N/A	N/A	N/A	10,11	N/A	N/A	N/A	
											N/A
											N/A
											N/A
											N/A
											N/A
											N/A
											N/A
QVE98W	GlobalFiler™										
3e											10,11
											2
QVEBW2	GlobalFiler™, Yfiler™ Plus										
3e	36,37	14,[15]	11,13,[15],16	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15	
											[10],12
											[11],12
											18,[20]
											[27],30
											[15],16
											[16],17
											11
											25,[27]
											38
											[12],13
											16,[18]
											[16],18
											[20],23
											23
											[11],12
											2
QWBTRB	GlobalFiler™										
3e											[10],11
											2
QWRZXT	Yfiler®										
3e		14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
											10,12
											11,12
											18,20
											15,16
											16,17
											23
											11,12
											2
QYDNHD	GlobalFiler™										
3e											10,11
											2
QYPQPK	PowerPlex® Fusion 5C										
3e											[10],11
											2
QZLUQ9	Yfiler®, GlobalFiler™										
3e		14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
											10,12
											11,12
											18,20
											15,16
											16,17
											23
											11,12
											2
R2Q7JT	Yfiler®										
3e		14,15	11,13,16	13	29,31	23,25	10,11	12,14	13	14,15	
											10,12
											11,12
											18,20
											15,16
											16,17
											23
											11,12



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 3e - YSTR Results

R3EARV	PowerPlex® Fusion 6C									
3e	10,11									
	16,18 16,18									
R9R6BH	PowerPlex® Fusion 5C									
3e	[10],11									
RB6NKF	GlobalFiler™									
3e	10,11									
	2									
RB8MHA	PowerPlex® Fusion 6C									
3e	10,11									
	16,18 16,18									
REJHZD	GlobalFiler™									
3e	10,11									
	2									
REMV7A	PowerPlex® Fusion 6C									
3e	10,11									
	16,18 16,18									
RFCGA6	GlobalFiler™									
3e	10,11									
	2									
RNQ4MF	GlobalFiler™									
3e	10,11									
	2									
RNQCC7	Yfiler® Plus, GlobalFiler™									
3e	[10],11									
	2									
RPNEF3	Yfiler®, GlobalFiler™									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17					
							23		11,12	2
RQDTKD	GlobalFiler™									
3e	10,11									
	2									
RUFK4R	Yfiler®									
3e	14,15	11,13	13	29	25	10,11	14	13	14,15	
	10,12	12	18	15,16	16,17					
							23		11,12	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 3e - YSTR Results

RV9Q2H	Investigator® 24plex									
3e	10,11									
RWM3Y2	GlobalFiler™, Yfiler™ Plus									
3e	36,37	14,[15]	11,13,[15]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15
	[10],12	[11],12	18,[20]	[27],30	[15],16	[16],17	11	25,[27]		38
		13		16,[18]	[16],18		[20],23	23		[11],12
										2
RWZJ6M	GlobalFiler™									
3e	NA	NA	NA	NA	NA	NA	10,11	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
										2
RYD46P	GlobalFiler™									
3e	10,11									
										2
RZG24J	Yfiler®, GlobalFiler™									
3e		14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15
	10,12	11,12	18,20		15,16	16,17				
								23		11,12
										2
T2CYZX	PowerPlex® Y 23									
3e		14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15
	10,12	11,12	18,20		15,16	16,17		25,27		
		12,13	12	16,18	16,18			23	10,12	11,12
T2Y9DM	GlobalFiler™									
3e	10,11									
										2
T32AN6	GlobalFiler™									
3e	10,11									
										2
T6U322	Yfiler®, GlobalFiler™									
3e		14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15
	10,12	11,12	18,20		15,16	16,17				
								23		11,12
										2
T8VZHV	Yfiler®, GlobalFiler™									
3e		14,15	11,13,15,16	13	29	23,25	10,11	12,14	13,14	14,15
	10,12	11,12	18,20		15,16	16,17				
								23		11,12
										2
T9WZJW	PowerPlex® Fusion 6C									
3e	10,11									
			16,18	16,18						
TA6A88	GlobalFiler™									
3e	10,11									
										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 3e - YSTR Results

TC8B7J	Yfiler®									
3e	-	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15
	10,12	11,12	18,20	-	15,16	16,17	-	-	-	-
	-	-	-	-	-	-	-	23	-	11,12
TDP2UV	GlobalFiler™									
3e	10,11									
	2									
TFCGDQ	Yfiler®									
3e	14,15	11,13,15,16	13	29	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20		15,16	16,17				
								23	11,12	2
TLLVRU	PowerPlex® Fusion 6C									
3e	10,11									
	16,18 16,18									
TLUAYA	Yfiler®									
3e										
TPX2T9	Yfiler® Plus, GlobalFiler™									
3e	36,37	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15
	10,12	11,12	18,20	27,30	15,16	16,17	11	25,27		38
		12,13		16,18	16,18		20,23	23	11,12	2
TQCC4U	PowerPlex® Fusion 6C									
3e	10,11									
	16,18 16,18									
TQZDFR	Investigator® 24plex QS									
3e	10,11									
TR9N4U										
3e	10,11									
	16,18 16,18									
TTDETV	PowerPlex® Fusion 6C									
3e	10,11									
	16,18 16,18									
TUDBKE	PowerPlex® Y 23									
3e	14		13	29	25	11		13	15	
	12	18			17		25			
	13	12		18			23			
TUYP8W	GlobalFiler™									
3e	10,11									
	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 3e - YSTR Results

TV3LDT	PowerPlex® Y 23									
3e	14,[15]	11,13,[15],[16]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15	
	[10],12	[11],12	18,[20]	[15],16	[16],17		25,[27]			
	[12],13	12	16,[18]	[16],18			23	10,[12]	[11],12	
TX3YQJ	Yfiler®, GlobalFiler™									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18	15,16	16,17					
							23		11,12	2
TXBTUR	PowerPlex® Fusion 6C									
3e						10,11				
			16,18	16,18						
TY6MKW	PowerPlex® Fusion 6C									
3e						10,11				
			16,18	16,18						
U9BNKM	GlobalFiler™									
3e						[10],11				
										2
U9TXAH	Yfiler®									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17					
							23		11,12	2
UAGFXG	Yfiler® Plus, GlobalFiler™									
3e	36,37	14,[15]	11,13	13	29	[23],25	[10],11	14	13	15
	12	[11],12	18,[20]	30	[15],16	[16],17	11	25,[27]	-	38
	-	13	-	16,[18]	[16],18	-	23	23	-	12
										2
UFJH3G	Yfiler®, GlobalFiler™									
3e	14,[15]	11,13,[15],[16]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15	
	[10],12	[11],12	18,[20]	[15],16	[16],17					
							23		[11],12	2
UGE29P	PowerPlex® Fusion 6C									
3e						[10],11				
			16,[18]	[16],18						
UGKDXL	GlobalFiler™									
3e						10,11				
										2
UKHU3N	Yfiler®, GlobalFiler™									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17					
							23		11,12	2
UM8XZ2	PowerPlex® Y 23									
3e	14,15	11,13,15	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17		25,27			
		12,13	12	16,18	16,18		23	10,12	11,12	

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 3e - YSTR Results

UNM8B3	Yfiler® Plus, GlobalFiler™									
3e	36,37	14,[15]	11,13,[15],[16]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15
	[10],12	[11],12	18,[20]	[27],30	[15],16	[16],17	11	25,[27]		38
		[12],13		16,[18]	[16],18		[20],23	23		[11],12
										2
UQTJ7V	PowerPlex® Fusion 6C									
3e							10,11			
				16,18	16,18					
URQXLN	GlobalFiler™									
3e							10,11			
										2
UU6TXZ	GlobalFiler™									
3e							10,11			
										2
UVEZWL	Yfiler®, GlobalFiler™									
3e		14,[15]	11,13,[15],[16]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15
	[10],12	[11],12	18,[20]		[15],16	[16],17				
								23		[11],12
										2
UX7TXW	PowerPlex® Y 23									
3e		14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15
	10,12	11,12	18,20		15,16	16,17		25,27		
		12,13	12	16,18	16,18			23	10,12	11,12
UYDZCH	Yfiler®, GlobalFiler™, Investigator® 24plex									
3e							10,11			
										2
V2J63C	GlobalFiler™									
3e							10,11			
										2
V2NCR	Yfiler®, PowerPlex® Fusion 6C									
3e		14,[15]	11,13,[15],[16]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15
	[10],12	[11],12	18,[20]		[15],16	[16],17				
				16,18	16,18			23		[11],12
V4CRBM	GlobalFiler™									
3e							10,11			
										2
V6KV2C	PowerPlex® Fusion 6C									
3e							[10],11			
				16,[18]	[16],18					
V6ZJVC	GlobalFiler™									
3e							10,11			
										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 3e - YSTR Results

V93EL8	PowerPlex® Fusion 6C									
3e	11									
	16 18									
VAC7QG	Yfiler®									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17					
							23		11,12	
VDEAFH	Yfiler® PLUS, PowerPlex® Y 23									
3e	36,37	14	11,13	13	29	25	11	14	13	15
	12	12	18	30	16	17	11	25		38
		13	12	16	18		23	23	10	12
										2
VH84JC	GlobalFiler™									
3e	10,11									
	2									
VMNLW2	Yfiler® Plus, GlobalFiler™									
3e	[10],11									
	2									
VN29EF	Yfiler®									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17					
							23		11,12	2
VRHFU3	Yfiler® Plus, GlobalFiler™									
3e	36,37	14,[15]	11,13,[15],[16]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15
	[10],12	[11],12	18,[20]	[27],30	[15],16	[16],17	11	25,[27]		38
		[12],13		16,[18]	[16],18		[20],23	23		[11],12
										2
WFYW2	Yfiler® Plus, GlobalFiler™									
3e	36,37	14,[15]	11,13,[15],[16]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15
	[10],12	[11],12	18,[20]	[27],30	[15],16	[16],17	11	25,[27]		38
		[12],13		16,[18]	[16],18		[20],23	23		[11],12
										2
VWGQ4U	PowerPlex® Fusion									
3e	10,11									
	16,18 16,18									
VXLKN8	PowerPlex® Fusion 6C									
3e	10,11									
	16,18 16,18									
VYUMAR	GlobalFiler™									
3e	10,11									
	2									
W467YC	GlobalFiler™									
3e	10,11									
	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 3e - YSTR Results

W4QGAT	PowerPlex® Fusion 6C										
3e	N/A	N/A	N/A	N/A	N/A	N/A	10,11	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	16,18	16,18	N/A	N/A	N/A	N/A	N/A	N/A
W7BKD6	Yfiler®, GlobalFiler™										
3e		14	11,13,15	13	29	25	10,11	14	13,14	14,15	
	10,12	12	18,20		16	16,17					
								23		11,12	2
WB3RYY	PowerPlex® Y 23										
3e		14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20		15,16	16,17		25,27			
		12,13	12	16,18	16,18			23	10,12	11,12	
WB9YA8	PowerPlex® Fusion										
3e	10,[11]										
WCZ3XM	Investigator® 24plex QS										
3e	10,11										
WD7RQH	GlobalFiler™										
3e	10,11										
	2										
WHBVDT	PowerPlex® Fusion 6C										
3e	10,11										
	16,18 16,18										
WJNPZT	PowerPlex® Fusion 6C										
3e	10,11										
	16,18 16,18										
WK9U2B	Yfiler®, GlobalFiler™										
3e		14,[15]	11,13,15,16	13	29,[31]	[23],25	10,11	[12],14	13,[14]	[14],15	
	[10],12	[11],12	18,[20]		15,16	16,17					
								23		[11],12	2
WLRCM6	Yfiler®, GlobalFiler™										
3e		14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20		15,16	16,17					
								23		11,12	2
WLTFXM	GlobalFiler™										
3e	10,11										
	2										
WVR7B3	Yfiler®, GlobalFiler™										
3e		14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20		15,16	16,17					
								23		11,12	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 3e - YSTR Results

WYNURA	Yfiler® Plus, GlobalFiler™									
3e	36,37	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15
	10,12	11,12	18,20	27,30	15,16	16,17	11	25,27	38	
		12,13		16,18	16,18		20,23	23		11,12
2										
WZ8E39	Yfiler®, Investigator® 24plex									
3e		14,[15]	11,13,[15],[16]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15
	[10],12	[11],12	18,[20]		[15],16	[16],17				
								23		[11],12
X68GYK	Yfiler®									
3e		14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15
	10,12	11,12	18,20		15,16	16,17				
								23		11,12
X8ZB2V	PowerPlex® Y 23									
3e		14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15
	10,12	11,12	18,20		15,16	16,17		25,27		
		12,13	12	16,18	16,18			23	10,12	11,12
X8ZBYA	Yfiler®									
3e		14,15	11,13,16	13	29,31	23,25	10,11	12,14	13,14	14,15
	10,12	11,12	18,20		15,16	16,17				
								23		11,12
XBPKEH	GlobalFiler™									
3e							10,11			
										2
XCBEV4	GlobalFiler™									
3e							[10],11			
										2
XDM8G6	GlobalFiler™									
3e							10,11			
										2
XGANAC	Yfiler®, PowerPlex® Fusion 6C									
3e		14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15
	12	11,12	18,20		15,16	16,17				
				16,18	16,18			23		11,12
XLLMNQ	GlobalFiler™									
3e							10,11			
										2
XN6FQT	PowerPlex® Y 23									
3e		14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15
	10,12	11,12	18,20		15,16	16,17		25,27		
		12,13	12	16,18	16,18			23	10,12	11,12
XQZ493	PowerPlex® Fusion 6C									
3e							10,11			
				16,18	16,18					



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 3e - YSTR Results

XUC7TX	PowerPlex® Y 23									
3e	[REDACTED]									
XVRE9E	Yfiler®, PowerPlex® Fusion 6C									
3e	14	11,13	13	29,31	25	10,11	12,14	13,14	14,15	
	12	11,12	18	15,16	16,17					
			16,18	16,18			23		11,12	
XZNYA4	PowerPlex® Y 23, PowerPlex® Fusion 6C									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17		25,27			
	12,13	12	16,18	16,18			23	10,12	11,12	
Y32C2P	PowerPlex® Y 23									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17		25,27			
	12,13	12	16,18	16,18			23	10,12	11,12	
Y3NMZY	GlobalFiler™									
3e						10,11				
	[REDACTED]									
	2									
Y69PR4	PowerPlex® Fusion 6C									
3e						10,11				
	[REDACTED]									
			16,18	16,18						
Y8KBKR	Yfiler® Plus, GlobalFiler™									
3e	36,37	14,[15]	11,13,[15],[16]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15
	[10],12	[11],12	18,[20]	[27],30	[15],16	[16],17	11	25,[27]		38
		[12],13		16,[18]	[16],18		[20],23	23		[11],12
	2									
Y8TLA3	Yfiler™ Plus									
3e	36,37	14,(15)	11,13,(15),(16)	13	29	(23),25	(10),11	(12),14	13,(14)	(14),15
	(10),12	(11),12	18,(20)	(27),30	(15),16	(16),17	11	25,(27)		38
		(12),13		16,(18)	(16),18		(20),23	23		(11),12
	2									
YGKYBN	GlobalFiler™									
3e						10,11				
	[REDACTED]									
	2									
YLGAX9	PowerPlex® Fusion 6C									
3e						[10],11				
	[REDACTED]									
			16,[18]	[16],18						
YQD6C2	Yfiler®, GlobalFiler™									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17					
								23	11,12	2
YQQV8D	PowerPlex® Fusion 5C									
3e						10,11				
	[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 3e - YSTR Results

YR62YB	Yfiler®									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17					
							23		11,12	
YTL8HL	Investigator® 24plex QS									
3e						10,11				
YVQXLU	GlobalFiler™									
3e						[10],11				
										2
YWG4YZ	GlobalFiler™									
3e						10,11				
										2
YX6PAM	GlobalFiler™									
3e						10,11				
										2
YY83JP	PowerPlex® Y 23, PowerPlex® Fusion 6C									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17		25,27			
		12,13	12	16,18	16,18		23	10,12	11,12	
Z37Z73	PowerPlex® Fusion 6C									
3e						10,11				
				16,18	16,18					
Z3JKQK	Yfiler™ Plus									
3e	36,37	14,[15]	11,13,[15],[16]	13	29,[31]	[23],25	10,11	[12],14	13,[14]	14,15
	[10],12	[11],12	18,[20]	[27],30	[15],16	16,17	11	25,[27]		38
		[12],13		16,[18]	16,18		20,23	23		11,12
										2
Z3KJYK	PowerPlex® Fusion 6C									
3e						10,11				
				16,18	16,18					
Z4ANJR	PowerPlex® Y 23									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17		25,27			
		12,13	12	16,18	16,18		23	10,12	11,12	
Z6PZ64	Yfiler®, PowerPlex® Fusion 6C									
3e	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
				16	18		23		12	
Z6V63F	GlobalFiler™									
3e						10,11				
										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 3e - YSTR Results

Z73NP3	GlobalFiler™									
3e	10,11									
	[REDACTED]									
	2									
Z8GTG2	GlobalFiler™									
3e	[10],11									
	[REDACTED]									
	2									
Z8QXNH	Yfiler®, GlobalFiler™									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17					
							23		11,12	2
Z9UFYF	GlobalFiler™									
3e	10,11									
	[REDACTED]									
	2									
ZBDR9P	Yfiler®, PowerPlex® Fusion 6C									
3e	14	11,13	13	29	25	11	14	13	15	
	12	12	18	16	17					
			16	18			23		12	
ZBHVD3	PowerPlex® Y 23, PowerPlex® Fusion 5C DYS391 only									
3e	14,[15]	11,13,[15],[16]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15	
	[10],12	[11],12	18,[20]	[15],16	[16],17		25,[27]			
		[12],13	12	16,[18]	[16],18		23	10,[12]	[11],12	
ZF7ME4	PowerPlex® Fusion 6C									
3e	[10],11									
	[REDACTED]									
			16,[18]	[16],18						
ZFPLF9	GlobalFiler™									
3e	10,11									
	[REDACTED]									
	2									
ZG299V	Investigator® 24plex									
3e	10,11									
	[REDACTED]									
ZHDCBL	Yfiler®, GlobalFiler™									
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20	15,16	16,17					
							23		11,12	2
ZLZTZL	PowerPlex® Fusion 6C									
3e	10,11									
	[REDACTED]									
			16,18	16,18						
ZNGWW6	GlobalFiler™									
3e	[10],11									
	[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 3e - YSTR Results

ZNMEN3	GlobalFiler™										
3e											10,11
											2
ZTDM73	PowerPlex® Fusion 6C										
3e											10,11
											16,18
											16,18
ZV3643	Yfiler®, GlobalFiler™										
3e	14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15		
											10,12
											11,12
											18,20
											15,16
											16,17
											23
											11,12
											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
<b>Item 3sp - YSTR Results</b>										
223XT3	PowerPlex® Y 23, PowerPlex® Fusion 6C									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16		27			
	12	12	18	16			23	12	11	
224PWP	Yfiler®									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
							23		11	
24DJUB	Yfiler®, PowerPlex® Fusion 6C									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
			18	16			23		11	
289HY8	Yfiler®									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
							23		11	
293AMY	Yfiler®, GlobalFiler™									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
							23		11	2
2BRGD3	PowerPlex® Y 23, GlobalFiler™									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16		27			
	12	12	18	16			23	12	11	2
2C62Z7	PowerPlex® Fusion 6C									
3sp						10				
				18	16					
2GJNWC	Yfiler®, GlobalFiler™									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
							23		11	2
2KH9M2	GlobalFiler™									
3sp						10				
										2
2PB7BK	PowerPlex® Fusion 6C									
3sp						10				
				18	16					
2QJD87	Yfiler®									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
							23		11	
2U3BZ3	Yfiler® Plus, GlobalFiler™									
3sp	37	15	15,16	13	31	23	10	12	14	14
	10	11	20	27	15	16	11	27		38
		12		18	16		20	23		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 3sp - YSTR Results

2WV49T	GlobalFiler™									
3sp	10									
	2									
2X6BBL	Yfiler®, GlobalFiler™									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
								23	11	2
2YRZAE	GlobalFiler™									
3sp	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	10	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
2ZQ7K8	Yfiler®									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
								23	11	
32NNK3	PowerPlex® Y 23, GlobalFiler™									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16		27			
	12	12	18	16			23	12	11	2
32TFZG	GlobalFiler™									
3sp	10									
	2									
344DH6										
3sp	10									
	2									
37BNFU										
3sp	10									
	2									
39KJHZ	GlobalFiler™									
3sp	10									
	2									
39MBAG	Investigator® 24plex QS									
3sp	10									
	2									
3C3HXG	Yfiler®									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
								23	11	2
3CG683	GlobalFiler™									
3sp	10									
	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 3sp - YSTR Results

3CXCBY	Yfiler®, GlobalFiler™										
3sp	15	13,15,16	13	31	23	10	12	14	14		
	10	11	20	15	16						
							23		11	2	
3H7MJT	GlobalFiler™										
3sp	NT	NT	NT	NT	NT	NT	10	NT	NT	NT	
	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2
3LM74N	PowerPlex® Fusion 6C										
3sp						10					
			18	16							
3LQJ8Y	GlobalFiler™										
3sp						10					
											2
3LU2CP	GlobalFiler™, Yfiler™ Plus										
3sp	37	15	15,16	13	31	23	10	12	14	14	
	10	11	20	27	15	16	11	27		38	
		12		18	16		20	23		11	2
3LUYMK	PowerPlex® Fusion 5C										
3sp						10					
3VNJEV	Yfiler®, PowerPlex® Fusion 5C										
3sp	15	15,16	13	31	23	10	12	14	14		
	10	11	20	15	16						
							23		11		
3X33HR	PowerPlex® Y 23										
3sp	15	15,16	13	31	23	10	12	14	14		
	10	11	20	15	16		27				
		12	12	18	16		23	12	11		
3XJ4H9	Yfiler®, PowerPlex® Fusion 6C										
3sp	15	15,16	13	31	23	10	12	14	14		
	10	11	20	15	16						
			18	16			23		11		
3YYBXX	Yfiler®, GlobalFiler™										
3sp	15	15,16	13	31	23	10	12	14	14		
	10	11	20	15	16						
							23		11	2	
446BU2	GlobalFiler™										
3sp						10					
											2
44Z46Y	PowerPlex® Fusion										
3sp						10					

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 3sp - YSTR Results

4787AH										
3sp							10			
2										
47MPUF	GlobalFiler™									
3sp							10			
2										
482WDC	Yfiler®, GlobalFiler™									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20		15	16				
								23	11	2
48WN34	Yfiler®									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20		15	16				
								23	11	
4D9KTY	PowerPlex® Y 23									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20		15	16		27		
		12	12	18	16			23	12	11
4JP8G9	Yfiler®, PowerPlex® Fusion 5C, Investigator® 24plex									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20		15	16				
								23	11	
4JVD3D	Yfiler®, GlobalFiler™									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20		15	16				
								23	11	2
4KALMY	PowerPlex® Fusion									
3sp							10			
2										
4KAWT3	GlobalFiler™									
3sp							10			
2										
4KTNZ2	GlobalFiler™									
3sp							10			
2										
4L2QWX	Yfiler®, GlobalFiler™									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20		15	16				
								23	11	2
4P24FW	Yfiler®									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20		15	16				
								23	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 3sp - YSTR Results

4PGCCX	GlobalFiler™									
3sp	10									
	2									
4XC7VQ	PowerPlex® Y 23									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16		27			
	12	12	18	16			23	12	11	
4ZGYPN	PowerPlex® Y 23									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16		27			
	12	12	18	16			23	12	11	
62BWK3	PowerPlex® Fusion 6C									
3sp	10									
	18 16									
63A99H	GlobalFiler™									
3sp	10									
	2									
63HJRE	Yfiler®									
3sp	15	15,16	13	[30],31	23	10	12	14	14	
	10	11	20	15	16					
							[22],23		11	2
67T46B	Yfiler®, GlobalFiler™									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
							23		11	2
68AQ7G	Yfiler®									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
							23		11	2
68ZJAF	Yfiler® Plus									
3sp	37	15	15,16	13	31	23	10	12	14	14
	10	11	20	27	15	16	11	27		38
		12		18	16		20	23		11
										2
69V2KH	Yfiler®, GlobalFiler™									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
							23		11	2
6ARKDX	PowerPlex® Fusion 6C									
3sp	10									
	18 16									
6BJHUQ	Yfiler®									
3sp	15	11,13,15,16	13	29,31	23	10	12,14	14	14	
	10,12	11,12	18,20	15	16,17					
							23		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 3sp - YSTR Results

6BUPF6	Yfiler® Plus, GlobalFiler™									
3sp	37	15	15,16	13	31	23	10	12	14	14
	10	11	20	27	15	16	11	27	-	38
	-	12	-	18	16	-	20	23	-	11
6CQTGT	GlobalFiler™									
3sp	10									
	2									
6F89VR	Investigator® 24plex									
3sp	10									
6FR2PP	Yfiler® Plus, GlobalFiler™									
3sp	37	15	15,16	13	31	23	10	12	14	14
	10	11	20	27	15	16	11	27	-	38
		12		18	16		20	23		11
										2
6K98NK	PowerPlex® Y 23, PowerPlex® Fusion 6C									
3sp		15	15,16	13	31	23	10	12	14	14
	10	11	20		15	16		27		
		12	12	18	16			23	12	11
6LEVCA	PowerPlex® Y 23									
3sp		15	15,16	13	31	23	10	12	14	14
	10	11	20		15	16		27		
		12	12	18	16			23	12	11
6LJ99X	PowerPlex® Fusion 6C									
3sp	10									
	18 16									
6MCZHJ	PowerPlex® Y 23, PowerPlex® Fusion 6C									
3sp		15	15,16	13	31	23	10	12	14	14
	10	11	20		15	16		27		
		12	12	18	16			23	12	11
6MWQCN	Investigator® 24plex									
3sp	10									
6TGUDY	PowerPlex® Fusion 5C									
3sp	10									
6V68W3	Yfiler®, PowerPlex® Fusion									
3sp		15	15,16	13	31	23	10	12	14	14
	10	11	20		15	16				
								23		11
6WHX78	GlobalFiler™									
3sp	10									
	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 3sp - YSTR Results

6XCJZX	Yfiler®, GlobalFiler™									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20		15	16				
								23		11
										2
6ZZ8DY	Yfiler®, PowerPlex® Fusion 6C									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20		15	16				
			18	16				23		11
72TEYM	GlobalFiler™									
3sp						10				
										2
76TN6J	PowerPlex® Fusion 6C									
3sp						10				
				18	16					
78TRTJ	Yfiler®									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20		15	16				
			18	16				23		11
799VTH	PowerPlex® Fusion 6C									
3sp						10				
				18	16					
79BMKY	PowerPlex® Fusion 6C									
3sp						10				
				18	16					
7EDXH4	GlobalFiler™									
3sp						10				
										2
7EFLVN	Yfiler® Plus, GlobalFiler™									
3sp	37	15	15,16	13	31	23	10	12	14	14
	10	11	20	27	15	16	11	27		38
		12		18	16		20	23		11
										2
7FPT7G	PowerPlex® Fusion 6C									
3sp						10				
				18	16					
7HFUAJ	PowerPlex® Fusion 6C									
3sp						10				
				18	16					
7L89C8	PowerPlex® Y 23									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20		15	16		27		
		12	12	18	16			23	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 3sp - YSTR Results

7MKNUE 3sp	Yfiler™ Plus									
	37	15	15,16	13	31	23	10	12	14	14
	10	11	[18],20	27	15	16	11	27	38	
	12		[16],18	16		20	23		11	2
7R22YN 3sp	GlobalFiler™									
	10									
	2									
7TWH7 3sp	Yfiler®									
		15	15,16	13	31	23	10	12	14	14
	10	11	20		15	16				
							23		11	2
7X7QJ2 3sp	PowerPlex® Fusion 6C									
	10									
	18 16									
7X7T4Y 3sp	GlobalFiler™									
	10									
	2									
7XLA4Y 3sp	PowerPlex® Fusion									
	10									
	18 16									
7XQEZB 3sp	Investigator® 24plex QS									
	10									
7ZU8N3 3sp	PowerPlex® Y 23, GlobalFiler™									
		15	[11],15,16	13	[29],31	23,[25]	10	12	14	14,[15]
	10	11	20		15,(16)	16		27		
	12,[13]	12	18	16			23	12	11	2
82NEDD 3sp	PowerPlex® Fusion 6C									
	10									
	18 16									
84DQBX 3sp	PowerPlex® Fusion 6C									
	10									
	18 16									
84QDHY 3sp	Yfiler®									
		15	15,16	13	31	23	10	12	14	14
	10	11	20		15	16				
							23		11	
88AABV 3sp	Yfiler®									
		15	15,16	13	31	23	10	12	14	14
	10	11	20		15	16				
							23		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
<b>Item 3sp - YSTR Results</b>											
89JEKD	Yfiler®										
3sp	15	15,16	13	31	23	10	12	14	14		
	10	11	20		15	16					
								23		11	
8BMA8M	Yfiler®, GlobalFiler™										
3sp	N/A	15	15,16	13	31	23	10	12	14	14	
	10	11	20	N/A	15	16	N/A	N/A	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	23	N/A	11	2
8CMWE2	PowerPlex® Fusion 6C										
3sp						10					
				18	16						
8D3CHG	PowerPlex® Fusion 6C										
3sp						10					
				18	16						
8EMJEH	PowerPlex® Y 23										
3sp	15	15,16	13	31	23	10	12	14	14		
	10	11	20		15	16		27			
		12	12	18	16			23	12	11	
8GCMBW	GlobalFiler™										
3sp						10					
											2
8LRZ8D	PowerPlex® Y 23										
3sp	15	15,16	13	31	23	10	12	14	14		
	10	11	20		15	16		27			
		12	12	18	16			23	12	11	
8MTWVF	PowerPlex® Fusion 6C										
3sp						10					
				18	16						
8N2A4V	Yfiler®, PowerPlex® Fusion 6C										
3sp	15	15,16	13	31	23	10	12	14	14		
	10	11	20		15	16					
				18	16			23		11	
8NFD6M	Yfiler®, GlobalFiler™										
3sp	15	15,16	13	31	23	10	12	14	14		
	10	11	20		15	16					
								23		11	2
8PMWQC	Yfiler®, GlobalFiler™										
3sp	N/T	15	15,16	13	31	23	10	12	14	14	
	10	11	20	N/T	15	16	N/T	N/T	N/T	N/T	
	N/T	N/T	N/T	N/T	N/T	N/T	N/T	23	N/T	11	2
8Q2FEF	Yfiler®, GlobalFiler™										
3sp	15	15,16	13	31	23	10	12	14	14		
	10	11	20		15	16					
								23		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 3sp - YSTR Results

8TTBGG	GlobalFiler™									
3sp	10									
[Bar chart showing 10 bands]										
2										
8UPYRY	GlobalFiler™									
3sp	10,11									
[Bar chart showing 10,11 bands]										
2										
942E3D	PowerPlex® Y 23									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16		27			
	12	12	18	16			23	12	11	
948NYJ	PowerPlex® Y 23									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16		27			
	12	12	18	16			23	12	11	
96E7WE	GlobalFiler™									
3sp	10									
[Bar chart showing 10 bands]										
2										
96ZKPD	GlobalFiler™									
3sp	10									
[Bar chart showing 10 bands]										
2										
9792AP	PowerPlex® Y 23									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16		27			
	12	12	18	16			23	12	11	
97FQ7N	Yfiler® Plus, GlobalFiler™									
3sp	37	15	15,16	13	31	23	10	12	14	14
	10	11	20	27	15	16	11	27		38
	12		18	16			20	23		11
										2
9EUTA6	Yfiler®, GlobalFiler™									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
							23		11	2
9JL2FW	PowerPlex® Fusion 6C									
3sp	10									
[Bar chart showing 10 bands]										
			18	16						
9P6FWV	GlobalFiler™									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15,[16]	16					
							23		11	2
9PJN4B	Yfiler® Plus									
3sp	37	15	15,16	13	31	23	10	12	14	14
	10	11	20	27	15	16	11	27		38
	12		18	16			20	23		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 3sp - YSTR Results

9QYY6N	Yfiler®, Investigator® 24plex									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
							23			11
9RCH3Z	Yfiler®									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
							23			11
9RCMGN	Yfiler® Plus, GlobalFiler™									
3sp	37	15	15,16	13	31	23	10	12	14	14
	10	11	20	27	15	16	11	27		38
		12		18	16		20	23		11
										2
9RGY6K	GlobalFiler™									
3sp						10				
										2
9YDU64	Yfiler®									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
							23			11
										2
A2HQCX	PowerPlex® Fusion 6C									
3sp						10				
				18	16					
A323DM	PowerPlex® Y 23									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16		27			
		12	12	18	16		23	12	11	2
A36LKY	PowerPlex® Y 23, GlobalFiler™									
3sp	15	[11],15,16	13	31	23,[25]	10	12,[14]	14	14	
	10	11,[12]	20	15,[16]	16,[17]		[25],27			
		12,[13]	12	18	16		23	12	11,[12]	2
A42YBD	PowerPlex® Fusion 5C									
3sp						10				
A76UQU	GlobalFiler™									
3sp						10				
										2
A7P9GT	Yfiler® Plus, GlobalFiler™									
3sp	37	15	15,16	13	31	23	10	12	14	14
	10	11	20	27	15	16	11	27		38
		12		18	16		20	23		11
										2
A8P8RE	GlobalFiler™									
3sp						10				
										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 3sp - YSTR Results

AAMRJQ	Yfiler® Plus, GlobalFiler™										
3sp	37	15	15,16	13	31	23	10	12	14	14	
	10	11	20	27	15	16	11	27	38		
		12		18	16		20	23	11	2	
ABEYF9	Yfiler® Plus, GlobalFiler™ YIndel										
3sp	37	15	15,16	13	31	23	10	12	14	14	
	10	11	20	27	15	16	11	27	38		
		12		18	16		20	23	11	2	
ABV7J6	GlobalFiler™										
3sp							10				
											2
ACWUD3	Investigator® 24plex										
3sp							10				
ADUCBC	PowerPlex® Fusion										
3sp							10				
AFV4LJ	Investigator® 24plex										
3sp	NA	NA	NA	NA	NA	NA	10	NA	NA	NA	
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AVRK9W	Yfiler®, PowerPlex® Fusion 6C										
3sp		15	15,16	13	31	23	10	12	14	14	
	10	11	20		15	16					
				18	16			23		11	
B429MU											
3sp							10				
				18	16						
B8W62M	PowerPlex® Y 23										
3sp		15	15,16	13	31	23	10	12	14	14	
	10	11	20		15	16		27			
		12	12	18	16			23	12	11	
B9YLTT	GlobalFiler™										
3sp	-	-	-	-	-	-	10	-	-	-	
	-	-	-	-	-	-	-	-	-	-	
	-	-	-	-	-	-	-	-	-	-	2
BE2QPH	GlobalFiler™										
3sp							10,[11]				
											2
BG8C84	GlobalFiler™										
3sp							10				
											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 3sp - YSTR Results

BGRUBX	GlobalFiler™									
3sp	10									
	2									
BHZZKT	Yfiler®									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16		23		11	
BJTZLP	GlobalFiler™									
3sp	10									
	2									
BJWHPF	Yfiler® Plus, GlobalFiler™									
3sp	37	15	15,16	13	31	23	10	12	14	14
	10	11	20	27	15	16	11	27	38	
		12		18	16		20	23	11	2
BL22NW	GlobalFiler™									
3sp	10									
	2									
BL2766	PowerPlex® Fusion									
3sp	10									
	2									
BMUYW3	Yfiler®									
3sp	-	15	15,16	13	31	23	10	12	14	14
	10	11	20	-	15	16	-	-	-	-
	-	-	-	-	-	-	-	23	-	11
BN64CR	PowerPlex® Fusion 6C									
3sp	-	-	-	-	-	-	10	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	18	16	-	-	-	-	-
BPX2QX	GlobalFiler™									
3sp	10									
	2									
BTZR2J	PowerPlex® Y 23									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16		27			
		12	12	18	16		23	12	11	
BXGZPJ	Investigator® 24plex QS									
3sp	10									
	2									
C2CA7Q	GlobalFiler™ Casework									
3sp	10									
	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 3sp - YSTR Results

C2PQ4P	Yfiler®, GlobalFiler™									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
							23		11	2
C3HUR6	GlobalFiler™									
3sp						10				
										2
C4ZR9W	GlobalFiler™									
3sp						10				
										2
C6BK2Q	GlobalFiler™									
3sp						10				
										2
C8AYJ9	Yfiler™ Plus									
3sp	37	15	15,16	13	31	23	10	12	14	14
	10	11	20	27	15	16	11	27	38	
		12		18	16		20	23	11	2
CA3QPD	GlobalFiler™									
3sp						10				
										2
CBYEZW	GlobalFiler™									
3sp						10				
										2
CDDZGH	GlobalFiler™									
3sp						10				
										2
CEG8AQ	PowerPlex® Fusion 6C									
3sp						10				
				18	16					
CEU7VL	Yfiler®, GlobalFiler™, Investigator® 24plex									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
							23		11	2
CGLXG7	GlobalFiler™									
3sp						10				
										2
CGNLQH	Investigator® 24plex QS									
3sp						10				



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
<b>Item 3sp - YSTR Results</b>										
DDJKXX	Yfiler®, PowerPlex® Fusion 6C									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
			18	16			23			11
DNZ92K	PowerPlex® Y 23, GlobalFiler™, PowerPlex® Fusion									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16		27			
		12	12	18	16		23	12	11	2
DP7N9B	Yfiler® Plus									
3sp	37	15	15,16	13	31	23	10	12	14	14
	10	11	20	27	15	16	11	27		38
		12		18	16		20	23		11
DPNUAL	PowerPlex® Y 23, PowerPlex® Fusion 5C									
3sp	14,[15]	11,13,[15,16]	13	29,[31]	[23],25	[10],11	[12],14	13,[14]	[14],15	
	[10],12	[11],12	18,[20]	[15],16	[16],17		25,[27]			
		[12],13	12	16,[18]	[16],18		23	10,[12]	[11],12	
DUZMM7	Yfiler®									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
							23			11
DVUG9G	PowerPlex® Y 23, Investigator® 24plex									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16,17		27			
		12	12	18	16		23	12	11	
DXQTCW	GlobalFiler™									
3sp	-	-	-	-	-	10	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	2
E44E8K	Yfiler®									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
							23			11
E4NWP9	GlobalFiler™									
3sp						10				
										2
E67RGM	PowerPlex® Fusion 6C									
3sp						10				
			18	16						
E6LDLJ	PowerPlex® Y 23, GlobalFiler™, PowerPlex® Fusion 6C									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16		27			
		12	12	18	16		23	12	11	2
E8MA77	Yfiler®									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
							23			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 3sp - YSTR Results

E8MEQL	PowerPlex® Fusion 6C									
3sp	10									
	18 16									
EGWMJU	GlobalFiler™									
3sp	10									
	2									
EJMNMW	Yfiler®, PowerPlex® Fusion 6C									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
	18 16 23 11									
EKC9AF	PowerPlex® Y 23									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16		27			
	12 12 18 16 23 12 11									
EP86PL	PowerPlex® Fusion 6C									
3sp	10									
	18 16									
EQYWX7	Yfiler®									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
	23 11 2									
ETP4BF	PowerPlex® Fusion 5C									
3sp	10									
EVWF4Q	GlobalFiler™									
3sp	10									
	2									
EXV34T	GlobalFiler™									
3sp	10									
	2									
F2W8QD	Investigator® 24plex									
3sp	10									
F2XX3N	GlobalFiler™									
3sp	10									
	2									
F3LMR9	PowerPlex® Y 23									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16		27			
	12 12 18 16 23 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 3sp - YSTR Results

F4773M	PowerPlex® Fusion 6C									
3sp	10									
	18 16									
F6R7UB	PowerPlex® Y 23									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16		27			
	12	12	18	16			23	12	11	
FA8F6U	PowerPlex® Y 23, GlobalFiler™									
3sp	[14],15	[11],15,16	13	31	23	10	12	[13],14	14	
	10	11,[12]	[18],20	15,[16]	16,[17]		[25],27			
	12	12	18	16,[18]			23	12	11	2
FAAA27	Yfiler®, GlobalFiler™									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
							23		11	2
FEPHP7	PowerPlex® Fusion 6C									
3sp	10									
	18 16									
FHG8BH	GlobalFiler™									
3sp	10									
	2									
FJTM3X	Yfiler®									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
							23		11	
FKFTT4	Yfiler®									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
							23		11	2
FKFVH9	PowerPlex® Fusion 6C									
3sp	10									
	18 16									
FKQX2L	PowerPlex® Fusion 6C									
3sp	10									
	18 16									
FLN7A7	PowerPlex® Fusion 6C									
3sp	10									
	18 16									
FLYAF3	PowerPlex® Y 23, PowerPlex® Fusion 5C									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16		27			
	12	12	18	16			23	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 3sp - YSTR Results

FMTV9T	GlobalFiler™										
3sp											10
											2
FVNVLZ	Yfiler®, GlobalFiler™										
3sp	15	15,16	13	31	23	10	12	14	14		
	10	11	20	15	16				23	11	2
FXGPMB	PowerPlex® Fusion 6C										
3sp											10
											18
											16
FXVBWC	PowerPlex® Y 23										
3sp	15	15,16	13	31	23	10	12	14	14		
	10	11	20	15	16				27		
	12	12	18	16				23	12	11	
FZKHGA	PowerPlex® Y 23										
3sp	15	15,16	13	31	23	10	12	14	14		
	10	11	20	15	16				27		
	12	12	18	16				23	12	11	
G3J6KX											
3sp	15	15,16	13	31	23	10	12	14	14		
	10	11	20	15	16				27		
	12	12	18	16				23	12	11	
G4LNZ2	Investigator® 24plex QS										
3sp											10
G6AEKQ	Yfiler®, GlobalFiler™										
3sp	15	15,16	13	31	23	10	12	14	14		
	10	11	20	15	16				23	11	2
G9PRG8	Yfiler®										
3sp	15	15,16	13	31	23	10	12	14	14		
	10	11	20	15	16				23	11	
GAQPNM	GlobalFiler™										
3sp											10
											2
GAZQFM	Yfiler®										
3sp	15	15,16	13	31	23	10	12	14	14		
	10	11	20	15	16				23	11	
GCE2YZ	GlobalFiler™										
3sp											10
											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 3sp - YSTR Results

GD8YTD	Investigator® 24plex											
3sp	10	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	NA	NA	NA	NA	NA	NA	
GEUWNX	GlobalFiler™											
3sp	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	10	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	
GFVN9Y	PowerPlex® Fusion 5C											
3sp							10					
GHLR27	PowerPlex® Fusion 6C											
3sp							10					
				18	16							
GL28CJ	Yfiler®, GlobalFiler™											
3sp		15	15,16	13	31	23	10	12	14	14		
	10	11	20		15	16						
								23		11	2	
GNNYJU	Yfiler®											
3sp		15	15,16	13	31	23	10	12	14	14		
	10	11	20		15	16						
								23		11	2	
GQP23P	Yfiler® Plus, GlobalFiler™											
3sp	37,37	15	15,16	13	31	23	10	12	14	14		
	10	11	20	27	15	16	11	27		38		
				18	16			20	23		11	2
GT3AYJ	Yfiler®											
3sp		15	15,16	13	31	23	10	12	14	14		
	10	11	20		15	16						
								23		11		
GW3KQD	GlobalFiler™, Yfiler™ Plus											
3sp	37	15	15,16	13	31	23	10	12	14	14		
	10	11	20	27	15	16	11	27		38		
				18	16			20	23		11	2
GXR2ND	PowerPlex® Y 23, Investigator® 24plex QS											
3sp		15	15,16	13	31	23	10	12	14	14		
	10	11	20		15	16				27		
				18	16			23	12		11	
GY94LD	PowerPlex® Y 23											
3sp		15	15,16	13	31	23	10	12	14	14		
	10	11	20		15	16				27		
				18	16			23	12		11	
H2RE3P	GlobalFiler™											
3sp							10					
											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 3sp - YSTR Results

H4BNWM	PowerPlex® Fusion 6C									
3sp	10									
	18 16									
H4UJC4	Yfiler®									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
	23 11									
H8JPA8	Yfiler®, PowerPlex® Fusion 6C									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
	18 16 23 11									
H97M37	PowerPlex® Y 23									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16		27			
	12	12	18	16			23	12	11	
HACW7W	PowerPlex® Y 23									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16		27			
	12	12	18	16			23	12	11	
HD6L4B	GlobalFiler™									
3sp	10									
	2									
HDKZ6E	GlobalFiler™									
3sp	10									
	2									
HDMUY7	Yfiler® Plus, GlobalFiler™									
3sp	37	15	15,16	13	31	23	10	12	14	14
	10	11	20	27	15	16	11	27		38
	12			18	16		20	23		11 2
HF7U4F	Yfiler® Plus, GlobalFiler™									
3sp	37	15	15,16	13	31	23	10	12	14	14
	10	11	20	27	15	16	11	27		38
	12			18	16		20	23		11 2
HJAD9M	GlobalFiler™									
3sp	10									
	2									
HN3N2D	Yfiler® Plus, GlobalFiler™									
3sp	37	15	15,16	13	31	23	10	12	14	14
	10	11	20	27	15	16	11	27		38
	12			18	16		20	23		11 2
HQQATN	PowerPlex® Fusion 6C									
3sp	10									
	18 16									

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 3sp - YSTR Results

HRX97H	Yfiler®									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
								23		11
HVD4LF	GlobalFiler™									
3sp						10				
										2
HYPL97	PowerPlex® Fusion 6C									
3sp						10				
				18	16					
HZV7QY	GlobalFiler™									
3sp						10				
										2
J33QEE	Yfiler® Plus, GlobalFiler™									
3sp	37	15	15,16	13	31	23	10	12	14	14
	10	11	20	27	15	16	11	27		38
		12		18	16		20	23		11
										2
JFLGYM	PowerPlex® Fusion 6C									
3sp						10				
				18	16					
JGY4JM	PowerPlex® Fusion 6C									
3sp						10				
				18	16					
JGZRYT	Yfiler®									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
								23		11
										2
JH96D9	PowerPlex® Y 23									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16		27			
		12	12	18	16		23	12	11	
JHQ3HT	PowerPlex® Fusion 6C									
3sp						10				
				18	16					
JJMGE	PowerPlex® Y 23, GlobalFiler™									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16		27			
		12	12	18	16		23	12	11	2
JJP6MQ	GlobalFiler™									
3sp						10				
										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 3sp - YSTR Results

JL4X74	Yfiler®									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
							23		11	2
JLA4UT	Investigator® 24plex									
3sp						10				
JNYBEP	Investigator® 24plex									
3sp						10				
JPV27Q	Yfiler®, PowerPlex® Fusion 6C									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
			18	16			23		11	
JQK62H	GlobalFiler™									
3sp						10				
										2
JRV44E	GlobalFiler™									
3sp						10				
										2
JWJU3U	PowerPlex® Y 23									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16		27			
		12	12	18	16		23	12	11	
JX9NEL	PowerPlex® Fusion 6C									
3sp						10				
			18	16						
JZNDA3	PowerPlex® Fusion 6C									
3sp						10				
			18	16						
K3C8Q4	PowerPlex® Y 23									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16		27			
		12	12	18	16		23	12	11	
K3D63Z	Yfiler® Plus									
3sp	37,37	15	15,16	13	31	23	10	12	14	14
	10	11	20	27	15	16	11	27		38
		12		18	16		20	23		11
K46ZLM	Yfiler®									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
							23		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 3sp - YSTR Results

K62FZK	PowerPlex® Fusion 6C									
3sp	10									
	18 16									
KC4GGM	Yfiler®, PowerPlex® Fusion 6C									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
	18 16 23 11									
KCX97D	GlobalFiler™									
3sp	10									
	2									
KGRCXC	Yfiler® Plus, GlobalFiler™									
3sp	37	15	15,16	13	31	23	10	12	14	14
	10	11	20	27	15	16	11	27	38	
	12 18 16 20 23 11 2									
KGUXMK	Yfiler® Plus, GlobalFiler™									
3sp	37,37	15	15,16	13	31	23	10	12	14	14
	10	11	20	27	15	16	11	27	38	
	12 18 16 20 23 11 2									
KGXPK9	GlobalFiler™									
3sp	10									
	2									
KKETHQ	Yfiler®									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
	23 11									
KLHREQ	Yfiler®, PowerPlex® Fusion 6C									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
	18 16 23 11									
KT4Q2J	Yfiler®, PowerPlex® Fusion 6C									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
	18 16 23 11									
KTNDCL	Yfiler®, PowerPlex® Fusion									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
	23 11									
KTZXDJ	PowerPlex® Fusion 6C									
3sp	10									
	2									
KUJWF9	PowerPlex® Y 23									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16		27			
	12 12 18 16 23 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 3sp - YSTR Results

KVLYXX	GlobalFiler™									
3sp	10									
	2									
KVNMJH	Yfiler® Plus									
3sp	37	15	15,16	13	31	23	10	12	14	14
	10	11	20	27	15	16	11	27	38	
		12		18	16		20	23		11
KYA7NL	Yfiler® Plus, GlobalFiler™									
3sp	37,37	15	15,16	13	31	23	10	12	14	14
	10	11	18,20	27	15	16	11	27	38	
		12		18	16		20	23		11
	2									
L296CJ	Yfiler® Plus, GlobalFiler™									
3sp	37,37	15	15,16	13	31	23	10	12	14	14
	10	11	20	27	15	16	11	27	38	
		12		18	16		20	23		11
	2									
L4N4YU	GlobalFiler™									
3sp	10									
	2									
L8HDML	Yfiler®									
3sp		15	15,16	13	31	23	10	12	14	14
	10	11	20		15	16				
								23		11
L9UVZZ	Yfiler® Plus, GlobalFiler™									
3sp	37	15	15,16	13	31	23,[25]	10	12	14	14,[15]
	10	11	20	27,[30]	15,[16]	16	11	27	-	38
	-	12,[13]	-	18	16	-	20	23	-	11
	2									
LDPW4E	PowerPlex® Fusion 6C									
3sp	10									
				18	16					
LJF2X4	PowerPlex® Y 23									
3sp		15	15,16	13	31	23	10	12	14	14
	10	11	20		15	16		27		
		12	12	18	16			23	12	11
LL6DZV	GlobalFiler™									
3sp	10									
	2									
LMCPEB	GlobalFiler™									
3sp	10									
	2									
LMDQ7N	GlobalFiler™									
3sp	10									
	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 3sp - YSTR Results

LP6JF2	GlobalFiler™									
3sp	10									
	2									
LPGFEY	PowerPlex® Y 23									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16		27			
	12	12	18	16			23	12	11	
LR7M32	GlobalFiler™									
3sp	10									
	2									
LT4W86	Yfiler®									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
							23		11	
LUALQF	Yfiler®, GlobalFiler™									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
							23		11	2
LUXN7J	PowerPlex® Y 23, PowerPlex® Fusion 6C									
3sp	15	15,16	13	31	23	10	12,14	14	14	
	10	11	20	15	16		27			
	12	12	18	16			23	12	11	
LVPYJJ	GlobalFiler™									
3sp	10									
	2									
MCP2ZN	Investigator® 24plex									
3sp	10									
	2									
MDMJUC	PowerPlex® Y 23									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16		27			
	12	12	18	16			23	12	11	
MEZ4P8	PowerPlex® Y 23, Investigator® 24plex									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16		27			
	12	12	18	16			23	12	11	
MG3WVY	Yfiler®									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
							23		11	
MJPKYC	GlobalFiler™									
3sp	10									
	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 3sp - YSTR Results

MKK46K	PowerPlex® Fusion 6C										
3sp	10										
	18 16										
MLGE39	PowerPlex® Y 23										
3sp	14,15	11,13,15,16	13	29,31	23	10,11	12,14	13,14	14		
	10,12	11,12	18,20	15,16	16,17		25,27				
	12,13	12	16,18	16			23,24	12	11,12		
MLTBDE	Yfiler®, GlobalFiler™										
3sp	15	15,16	13	31	23	10	12	14	14		
	10	11	20	15	16						
							23		11	2	
MPJHRA	PowerPlex® Y 23										
3sp	15	15,16	13	31	23	10	12	14	14		
	10	11	20	15	16		27				
	12	12	18	16			23	12	11		
MTUMBW	GlobalFiler™										
3sp	10										
	2										
MVJUVU	GlobalFiler™										
3sp	10										
	2										
MVZ8YW	GlobalFiler™										
3sp	NT	NT	NT	NT	NT	NT	10	NT	NT	NT	
	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2
MXEAFH	PowerPlex® Fusion 6C										
3sp	10										
	18 16										
MXWAH8	Investigator® 24plex QS										
3sp	10										
	2										
MY24QD	PowerPlex® Fusion 6C										
3sp	15	15,16	13	31	23	10	12	14	14		
	10	11	20	15	16						
							23		11		
N24BPV	GlobalFiler™										
3sp	10										
	2										
N3F2XZ	Yfiler®, GlobalFiler™										
3sp	15	15,16	13	31	23	10	12	14	14		
	10	11	20	15	16						
							23		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
<b>Item 3sp - YSTR Results</b>										
NA2WXH	Yfiler® Plus, GlobalFiler™									
3sp	37,37	15	15,16	13	31	23	10	12	14	14
	10	11	20	27	15	16	11	27	38	
		12		18	16		20	23	11	2
NEXKKW	Yfiler® Plus, PowerPlex® Fusion 6C									
3sp	37,37	15	15,16	13	31	23	10	12	14	14
	10	11	20	27	15	16	11	27	38	
		12		18	16		20	23	11	
NHK6PZ	PowerPlex® Fusion 6C									
3sp							10			
				18	16					
NJB8JF	GlobalFiler™									
3sp							10			
										2
NMVDUC	Yfiler®, PowerPlex® Fusion 6C									
3sp		15	15,16	13	31	23	10	12	14	14
	10	11	20		15	16				
				18	16			23		11
NNEEJQ	GlobalFiler™									
3sp	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	10	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
NQ6HEJ	Yfiler®									
3sp	37	15	15,16	13	31	23	10	12	14	14
	10	11	20	27	15	16	11	27	38	
		12		18	16		20	23		11
NTQCYQ	Yfiler®, GlobalFiler™									
3sp		15	15,16	13	31	23	10	12	14	14
	10	11	20		15	16				
								23		11
										2
NURBHE	GlobalFiler™									
3sp							10			
										2
NV8BU2	PowerPlex® Fusion 6C									
3sp							10			
				18	16					
NW24KE	GlobalFiler™									
3sp							10			
										2
NWCW7F	Yfiler® Plus									
3sp	37	15	15,16	13	31	23	10	12	14	14
	10	11	20	27	15	16	11	27	38	
		12		18	16		20	23		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 3sp - YSTR Results

NXLB8U	GlobalFiler™									
3sp	10									
	2									
NZWYXL	Yfiler®									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16		23		11	
P44YGQ	GlobalFiler™									
3sp	10									
	2									
PAGFL2	GlobalFiler™, Yfiler™ Plus									
3sp	37	15	15,16	13	31	23	10	12	14	14
	10	11	20	27	15	16	11	27	38	
		12		18	16		20	23	11	2
PAHDWW	GlobalFiler™									
3sp	10									
	2									
PBEXGB	GlobalFiler™									
3sp	10									
	2									
PBLAUR	GlobalFiler™									
3sp	10									
	2									
PCJFHD	Yfiler® Plus, GlobalFiler™									
3sp	37	15	15,16	13	31	23	10	12	14	14
	10	11	20	27	15	16	11	27	38	
		12		18	16		20	23	11	2
PEUH8X	Yfiler® PLUS									
3sp	37,37	15	15,16	13	31	23	10	12	14	14
	10	11	20	27	15	16	11	27	38	
		12		18	16		20	23	11	2
PHJ2YE	Yfiler®, Investigator® 24plex									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
							23		11	
PJMM22	Yfiler® Plus, GlobalFiler™									
3sp	37	15	15,16	13	31	23	10	12	14	14
	10	11	20	27	15	16	11	27	38	
		12		18	16		20	23	11	2
PLDTE7	Yfiler® Plus, GlobalFiler™									
3sp	37	15	15,16	13	31	23	10	12	14	14
	10	11	20	27	15	16	11	27	38	
		12		18	16		20	23	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 3sp - YSTR Results

PTU3AU	Investigator® 24plex QS										
3sp											10
PX7ZEG											
3sp											10
Q4GUHN GlobalFiler™											
3sp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	10	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	2
Q4NXKV	PowerPlex® Fusion 6C										
3sp											10
Q8BBF6 PowerPlex® Y 23											
3sp		15	15,16	13	31	23	10	12	14	14	
	10	11	20		15	16		27			
		12	12	18	16			23	12	11	
Q9HU82	Yfiler®, GlobalFiler™										
3sp		15	15,16	13	31	23	10	12	14	14	
	10	11	20		15	16					
								23		11	2
QC4D4R	Yfiler®										
3sp	-	15	15,16	13	31	23	10	12	14	14	
	10	11	20	-	15	16	-	-	-	-	
	-	-	-	-	-	-	-	23	-	11	-
QE8863	PowerPlex® Y 23										
3sp		15	15,16	13	31	23	10	12	14	14	
	10	11	20		15	16		27			
		12	12	18	16			23	12	11	
QFZ9ZJ	Yfiler®, PowerPlex® Fusion 6C										
3sp		15	15,16	13	31	23	10	12	14	14	
	10	11	20		15	16					
				18	16			23		11	
QGTBDZ	PowerPlex® Y 23										
3sp		15	15,16	13	31	23	10	12	14	14	
	10	11	20		15	16		27			
		12	12	18	16			23	12	11	
QGZZ9E	PowerPlex® Y 23, GlobalFiler™										
3sp		15	15,16	13	31	23	10	12	14	14	
	10	11	20		15	16		27			
		12	12	18	16			23	12	11	2
QKEWHU	PowerPlex® Fusion 6C										
3sp											10
											18
											16

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 3sp - YSTR Results

QMPGR6	PowerPlex® Y PPY23										
3sp		15	15,16	13	31	23	10	12	14	14	
	10	11	20		15	16		27			
		12	12	18	16			23	12	11	
QQ6AHX	GlobalFiler™										
3sp							10				
											2
QQKGR9	Yfiler® Plus, GlobalFiler™										
3sp	37	15	15,16	13	31	23	10	12	14	14	
	10	11	20	27	15	16	11	27		38	
		12		18	16		20	23		11	2
QV6QFW	PowerPlex® Fusion 6C										
3sp							10				
				18	16						
QVDLA4	Investigator® 24plex										
3sp	N/A	N/A	N/A	N/A	N/A	N/A	10	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
QVE98W	GlobalFiler™										
3sp							10				
											2
QVEBW2	GlobalFiler™, Yfiler™ Plus										
3sp	37	15	15,16	13	31	23	10	12	14	14	
	10	11	20	27	15	16	11	27		38	
		12		18	16		20	23		11	2
QWBTRB	GlobalFiler™										
3sp							10				
											2
QWRZXT	Yfiler®										
3sp		15	15,16	13	31	23	10	12	14	14	
	10	11	20		15	16					
								23		11	2
QYDNHD	GlobalFiler™										
3sp							10				
											2
QYPQPK	PowerPlex® Fusion 5C										
3sp							10				
QZLUQ9	Yfiler®, GlobalFiler™										
3sp		15	15,16	13	31	23	10	12	14	14	
	10	11	20		15	16					
								23		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 3sp - YSTR Results

R2Q7JT	Yfiler®									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
							23		11	
R3EARV	PowerPlex® Fusion 6C									
3sp				18	16		10			
R9R6BH	PowerPlex® Fusion 5C									
3sp							NR			
RB6NKF	GlobalFiler™									
3sp							10			
										2
RB8MHA	PowerPlex® Fusion 6C									
3sp				18	16		10			
REJHZD	GlobalFiler™									
3sp							10			
										2
REMV7A	PowerPlex® Fusion 6C									
3sp				18	16		10			
RFCGA6	GlobalFiler™									
3sp							10			
										2
RNQ4MF	GlobalFiler™									
3sp							10			
										2
RNQCC7	Yfiler® Plus, GlobalFiler™									
3sp	37	15	15,16	13	31	23	10	12	14	14
	10	11	20	27	15	16	11	27	38	
		12		18	16		20	23	11	2
RPNEF3	Yfiler®, GlobalFiler™									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
							23		11	2
RQDTKD	GlobalFiler™									
3sp							10			
										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 3sp - YSTR Results

RUFK4R 3sp	Yfiler®										
	15	15,16	13	31	23	10	12	14	14		
	10	11	20		15	16					
								23		11	2
RV9Q2H 3sp	Investigator® 24plex										
							10				
RWM3Y2 3sp	GlobalFiler™, Yfiler™ Plus										
	37	15	15,16	13	31	23	10	12	14	14	
	10	11,[12]	20	27	15	16,[17]	11	27		38	
		12		18	16		20	23		11	2
RWZJ6M 3sp	GlobalFiler™										
	NA	NA	NA	NA	NA	NA	10	NA	NA	NA	
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2
RYD46P 3sp	GlobalFiler™										
							10				
											2
RZG24J 3sp	Yfiler®, GlobalFiler™										
	15	15,16	13	31	23	10	12	14	14		
	10	11	20		15	16					
								23		11	2
T2CYZX 3sp	PowerPlex® Y 23										
	15	15,16	13	31	23	10	12	14	14		
	10	11	20		15	16		27			
		12	12	18	16			23	12	11	
T2Y9DM 3sp	GlobalFiler™										
							10				
											2
T32AN6 3sp	GlobalFiler™										
							10				
											2
T6U322 3sp	Yfiler®, GlobalFiler™										
	15	15,16	13	31	23	10	12	14	14		
	10	11	20		15	16					
								23		11	2
T8VZHV 3sp	Yfiler®, GlobalFiler™										
	15	15,16	13	31	23	10	12	14	14		
	10	11	20		15	16					
								23		11	2
T9WZJW 3sp	PowerPlex® Fusion 6C										
							10				
				18	16						

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 3sp - YSTR Results

TA6A88	GlobalFiler™									
3sp	10									
	2									
TC8B7J	Yfiler®									
3sp	-	15	15,16	13	31	23	10	12	14	14
	10	11	20	-	15	16	-	-	-	-
	-	-	-	-	-	-	-	23	-	11
	-									
TDP2UV	GlobalFiler™									
3sp	10									
	2									
TFCGDQ	Yfiler®									
3sp		15	15,16	13	31	23	10	12	14	14
	10	11	20		15	16				
								23		11
										2
TLLVRU	PowerPlex® Fusion 6C									
3sp	10									
	18 16									
TLUAYA	Yfiler®									
3sp		15	15,16	13	31	23	10	12	14	14
	10	11	20		15	16				
								23		11
TPX2T9	Yfiler® Plus, GlobalFiler™									
3sp	37	15	15,16	13	31	23	10	12	14	14
	10	11	20	27	15	16	11	27		38
		12		18	16		20	23		11
										2
TQCC4U	PowerPlex® Fusion 6C									
3sp	10									
	18 16									
TQZDFR	Investigator® 24plex QS									
3sp	10									
TR9N4U	10									
	18 16									
TTDETV	PowerPlex® Fusion 6C									
3sp	10									
	18 16									
TUDBKE	PowerPlex® Y 23									
3sp		15	15,16	13	31	23	10	12	14	14
	10	11	20		15	16		27		
		12	12	18	16			23	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 3sp - YSTR Results

TUYP8W	GlobalFiler™									
3sp	10									
	2									
TV3LDT	PowerPlex® Y 23									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16		27			
	12	12	18	16			23	12	11	
TX3YQJ	Yfiler®, GlobalFiler™									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
							23		11	2
TXBTUR	PowerPlex® Fusion 6C									
3sp	10									
	18 16									
TY6MKW	PowerPlex® Fusion 6C									
3sp	10									
	18 16									
U9BNKM	GlobalFiler™									
3sp	10									
	2									
U9TXAH	Yfiler®									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
							23		11	2
UAGFXG	Yfiler® Plus, GlobalFiler™									
3sp	37	15	15,16	13	31	23	10	12	14	14
	10	11	20	27	15	16	11	27	-	38
	-	12	-	18	16	-	20	23	-	11 2
UFJH3G	Yfiler®, GlobalFiler™									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
							23		11	2
UGE29P	PowerPlex® Fusion 6C									
3sp	10									
	18 16									
UGKDXL	GlobalFiler™									
3sp	10									
	2									
UKHU3N	Yfiler®, GlobalFiler™									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
							23		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 3sp - YSTR Results

UM8XZ2	PowerPlex® Y 23									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16	27				
	12	12	18	16		23	12	11		
UNM8B3	Yfiler® Plus, GlobalFiler™									
3sp	10									
	2									
UQTJ7V	PowerPlex® Fusion 6C									
3sp	10									
	18 16									
URQXLN	GlobalFiler™									
3sp	10									
	2									
UU6TXZ	GlobalFiler™									
3sp	10									
	2									
UVEZWL	Yfiler®, GlobalFiler™									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16	23				
	23 11 2									
UX7TXW	PowerPlex® Y 23									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16	27				
	12	12	18	16		23	12	11		
UYDZCH	Yfiler®, GlobalFiler™, Investigator® 24plex									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
	23 11 2									
V2J63C	GlobalFiler™									
3sp	10									
	2									
V2NCRR	Yfiler®, PowerPlex® Fusion 6C									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
	18 16 23 11									
V4CRBM	GlobalFiler™									
3sp	10									
	2									
V6KV2C	PowerPlex® Fusion 6C									
3sp	10									
	18 16									



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 3sp - YSTR Results

V6ZJVC	GlobalFiler™									
3sp	10									
	2									
V93EL8	PowerPlex® Fusion 6C									
3sp	10									
	18 16									
VAC7QG	Yfiler®									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
	23 11									
VDEAFH	Yfiler® PLUS, PowerPlex® Y 23									
3sp	37	15	15,16	13	31	23	10	12	14	14
	10	11	20	27	15	16	11	27	38	
	12	12	18	16	20	23	12	11	2	
VH84JC	GlobalFiler™									
3sp	10									
	2									
VMNLW2	Yfiler® Plus, GlobalFiler™									
3sp	37	15	15,16	13	31	23	10	12	14	14
	10	11	20	27	15	16	11	27	38	
	12		18	16	20	23		11	2	
VN29EF	Yfiler®									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
	23 11 2									
VRHFU3	Yfiler® Plus, GlobalFiler™									
3sp	37	15	15,16	13	31	23	10	12	14	14
	10	11	20	27	15	16	11	27	38	
	12		18	16	20	23		11	2	
WFYW2	Yfiler® Plus, GlobalFiler™									
3sp	37	15	15,16	13	31	23	10	12	14	14
	10	11	20	27	15	16	11	27	38	
	12		18	16	20	23		11	2	
VWGQ4U	PowerPlex® Fusion									
3sp	10									
	18 16									
VXLKN8	PowerPlex® Fusion 6C									
3sp	10									
	18 16									
VYUMAR	GlobalFiler™									
3sp	10									
	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 3sp - YSTR Results

W467YC	GlobalFiler™										
3sp											10
											2
W4QGAT	PowerPlex® Fusion 6C										
3sp	N/A	N/A	N/A	N/A	N/A	N/A	10	N/A	N/A	N/A	
											2
	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	16	N/A	N/A	N/A	N/A	N/A	N/A
W7BKD6	Yfiler®, GlobalFiler™										
3sp	14,15		15,16	13	31	23	10,11	12	13,14	14,15	
											23
											11
											2
WB3RYY	PowerPlex® Y 23										
3sp	15		15,16	13	31	23	10	12	14	14	
											10
											11
											20
											15
											16
											27
											23
											12
											14
											11
WB9YA8	PowerPlex® Fusion										
3sp											10
											2
WCZ3XM	Investigator® 24plex QS										
3sp											10
											2
WD7RQH	GlobalFiler™										
3sp											10
											2
WHBVDT	PowerPlex® Fusion 6C										
3sp											10
											18
											16
WJNPZT	PowerPlex® Fusion 6C										
3sp											10
											18
											16
WK9U2B	Yfiler®, GlobalFiler™										
3sp	15		15,16	13	31	23	10	12	14	14	
											10
											11
											20
											15
											16
											23
											11
											2
WLRCM6	Yfiler®, GlobalFiler™										
3sp	15		15,16	13	31	23	10	12	14	14	
											10
											11
											20
											15
											16
											23
											11
											2
WLTFXM	GlobalFiler™										
3sp											10,10
											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 3sp - YSTR Results

WVR7B3	Yfiler®, GlobalFiler™									
	3sp	15	15,16	13	31	23	10	12	14	14
	10	11	20		15,16	16				
								23		11
										2
WYNURA	Yfiler® Plus, GlobalFiler™									
	3sp	37,37	15	15,16	13	31	23	10	12	14
	10	11	20	27	15	16	11	27		38
		12		18	16		20	23		11
										2
WZ8E39	Yfiler®, Investigator® 24plex									
	3sp	15	15,16	13	31	23	10	12	14	14
	10	11	20		15	16				
								23		11
X68GYK	Yfiler®									
	3sp	15	15,16	13	31	23	10	12	14	14
	10	11	20		15	16				
								23		11
X8ZB2V	PowerPlex® Y 23									
	3sp	15	15,16	13	31	23	10	12	14	14
	10	11	20		15	16		27		
		12	12	18	16			23	12	11
X8ZBYA	Yfiler®									
	3sp	15	15,16	13	31	23	10	12	14	14
	10	11	20		15	16				
								23		11
XBPKEH	GlobalFiler™									
	3sp						10			
										2
XCBEV4	GlobalFiler™									
	3sp						10			
										2
XDM8G6	GlobalFiler™									
	3sp						10			
										2
XGANAC	Yfiler®, PowerPlex® Fusion 6C									
	3sp	15	15,16	13	31	23	10	12	14	14
	10	11	20		15	16				
				18	16			23		11
XLLMNQ	GlobalFiler™									
	3sp						10			
										2
XN6FQT	PowerPlex® Y 23									
	3sp	15	15,16	13	31	23	10	12	14	14
	10	11	20		15	16		27		
		12	12	18	16			23	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 3sp - YSTR Results

XQZ493	PowerPlex® Fusion 6C									
3sp	10									
	18 16									
XUC7TX	PowerPlex® Y 23									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16		27			
	12	12	18	16			23	12	11	
XVRE9E	Yfiler®, PowerPlex® Fusion 6C									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
			18	16			23		11	
XZNYA4	PowerPlex® Y 23, PowerPlex® Fusion 6C									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16		27			
	12	12	18	16			23	12	11	
Y32C2P	PowerPlex® Y 23									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16		27			
	12	12	18	16			23	12	11	
Y3NMZY	GlobalFiler™									
3sp	10									
	2									
Y69PR4	PowerPlex® Fusion 6C									
3sp	10									
	18 16									
Y8KBKR	Yfiler® Plus, GlobalFiler™									
3sp	37	15	15,16	13	31	23	10	12	14	14
	10	11	20	27	15	16	11	27		38
		12		18	16		20	23		11 2
Y8TLA3	Yfiler™ Plus									
3sp	37	15	15,16	13	31	23	10	12	14	14
	10	11	20	27	15	16	11	27		38
		12		18	16		20	23		11 2
YGKYBN	GlobalFiler™									
3sp	10									
	2									
YLGAX9	PowerPlex® Fusion 6C									
3sp	10									
	18 16									
YQD6C2	Yfiler®, GlobalFiler™									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
							23		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 3sp - YSTR Results

YQQV8D	PowerPlex® Fusion 5C									
3sp	10									
YR62YB	Yfiler®									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
							23		11	
YTL8HL	Investigator® 24plex QS									
3sp	10									
YVQXLU	GlobalFiler™									
3sp	10									
	2									
YWG4YZ	GlobalFiler™									
3sp	10									
	2									
YX6PAM	GlobalFiler™									
3sp	10									
	2									
YY83JP	PowerPlex® Y 23, PowerPlex® Fusion 6C									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16		27			
	12	12	18	16			23	12	11	
Z37Z73	PowerPlex® Fusion 6C									
3sp	10									
	18 16									
Z3JKQK	Yfiler™ Plus									
3sp	[36],37	15	15,16	13	31	23	10,11	12	14	14
	10	11	20		15	16	11	27		38
		12		18	16		20	23		11 2
Z3KJYK	PowerPlex® Fusion 6C									
3sp	10									
	18 16									
Z4ANJR	PowerPlex® Y 23									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16		27			
	12	12	18	16			23	12	11	
Z6PZ64	Yfiler®, PowerPlex® Fusion 6C									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16					
			18	16			23		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 3sp - YSTR Results

Z6V63F	GlobalFiler™									
3sp	10									
	2									
Z73NP3	GlobalFiler™									
3sp	10									
	2									
Z8GTG2	GlobalFiler™									
3sp	10									
	2									
Z8QXNH	Yfiler®, GlobalFiler™									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16		23		11	2
Z9UFYF	GlobalFiler™									
3sp	10									
	2									
ZBDR9P	Yfiler®, PowerPlex® Fusion 6C									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	18	16		23		11	
ZBHVD3	PowerPlex® Y 23, PowerPlex® Fusion 5C DYS391 only									
3sp	15	[11],15,16	13	31	23	10	12	14	14	
	10,[12]	11	[18],20	15	16		27			
	12	12	18	16			23	12	11	
ZF7ME4	PowerPlex® Fusion 6C									
3sp	10									
	18 16									
ZFPLF9	GlobalFiler™									
3sp	10									
	2									
ZG299V	Investigator® 24plex									
3sp	10									
ZHDCBL	Yfiler®, GlobalFiler™									
3sp	15	15,16	13	31	23	10	12	14	14	
	10	11	20	15	16		23		11	2
ZLZTZL	PowerPlex® Fusion 6C									
3sp	10									
	18 16									

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 3sp - YSTR Results

ZNGWW6	GlobalFiler™										
3sp	10										2
ZNMEN3	GlobalFiler™										
3sp	10										2
ZTDM73	PowerPlex® Fusion 6C										
3sp	10										
			18	16							
ZV3643	Yfiler®, GlobalFiler™										
3sp	15	15,16	13	31	23	10	12	14	14		
	10	11	20	15	16					23	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

24DJUB	PowerPlex® Fusion 6C										
4	NR										
	NR NR										
289HY8	Investigator® 24plex										
4	no result										
29LY8F	PowerPlex® Fusion 5C										
4	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
2BRGD3	GlobalFiler™										
4	No Results										
	No Results										
2C6Z7	PowerPlex® Fusion 6C										
4											
2GJNWC	Yfiler®, GlobalFiler™										
4	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-
2LXATA	PowerPlex® Fusion 6C										
4	NR										
	NR NR										
2PB7BK	PowerPlex® Fusion 6C										
4	-										
	-										
2WV49T	GlobalFiler™										
4											
2X6BBL	GlobalFiler™										
4	NR										
	NR										
2YRZAE	GlobalFiler™										
4	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



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

2ZQ7K8	Yfiler®										
4	No Reaction	No Reaction	No Reaction	No Reaction	No Reaction	No Reaction	No Reaction	No Reaction	No Reaction	No Reaction	No Reaction
	No Reaction	No Reaction	No Reaction	No Reaction	No Reaction	No Reaction	No Reaction	No Reaction	No Reaction	No Reaction	No Reaction
								No Reaction		No Reaction	
32NNK3	GlobalFiler™										
4	No Results										
	No Results										
33BAY7	Yfiler®										
4	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
								NR		NR	
344DH6	GlobalFiler™										
4											
39KJHZ	GlobalFiler™										
4											
3CG683	GlobalFiler™										
4											
3H7MJT	GlobalFiler™										
4	NT	NT	NT	NT	NT	NT	NR	NT	NT	NT	NT
	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NR
3LM74N	PowerPlex® Fusion 6C										
4											
3LQJ8Y	GlobalFiler™										
4	NR										
	NR										
3LUYMK	PowerPlex® Fusion 5C										
4	NR										
3WNE7E	PowerPlex® Fusion 5C										
4	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

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

3XJ4H9	PowerPlex® Fusion 6C										
4							NR				
NR NR											
446BU2	GlobalFiler™										
4	No results										
No results											
4KALMY	PowerPlex® Fusion										
4	N/A										
4KAWT3	GlobalFiler™										
4	-										
4KTNZ2	GlobalFiler™										
4	-										
4P24FW	Yfiler®										
4	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
NR NR NR NR NR NR NR NR NR NR											
NR NR											
62BWK3	PowerPlex® Fusion 6C										
4											
63A99H	GlobalFiler™										
4											
67T46B	Yfiler®, GlobalFiler™										
4	-	-	-	-	-	-	-	-	-	-	
- - - - - - - - - -											
69V2KH	GlobalFiler™										
4							NR				
NR											
6BUPF6	GlobalFiler™										
4	-	-	-	-	-	-	NR	-	-	-	
- - - - - - - - - -											
NR											
6CQTGT	GlobalFiler™										
4	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 4 - YSTR Results

6CXZQV 4	GlobalFiler™	[REDACTED]									
6F89VR 4	Investigator® 24plex	[REDACTED]									
6K98NK 4	PowerPlex® Fusion 6C	NR									
			NR	NR							
6MCZHJ 4	PowerPlex® Fusion 6C	[REDACTED]									
6MWQCN 4	Investigator® 24plex	[REDACTED]									
6TGUDY 4	PowerPlex® Fusion 5C	[REDACTED]									
6WHX78 4	GlobalFiler™	[REDACTED]									
72TEYM 4	GlobalFiler™	[REDACTED]									
799VTH 4	PowerPlex® Fusion 6C	[REDACTED]									
7FPT7G 4	PowerPlex® Fusion 6C	[REDACTED]									
7L89C8 4	PowerPlex® Y 23	-	-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	-	
7R22YN 4	GlobalFiler™	[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 4 - YSTR Results

7X7QJ2	PowerPlex® Fusion 6C										
4	[Redacted]										
7XLA4Y	PowerPlex® Fusion										
4	[Redacted]										
7XQEZB	Investigator® 24plex QS										
4	[Redacted]										
84DQBX	PowerPlex® Fusion 6C										
4	[Redacted]										
84QDHY	PowerPlex® Fusion										
4	INC										
8BMA8M	Yfiler®, GlobalFiler™										
4	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	no results	N/A	no results	no results
8D3CHG	PowerPlex® Fusion 6C										
4	[Redacted]										
8GCMBW	GlobalFiler™										
4	[Redacted]										
8PMWQC	GlobalFiler™										
4	N/T	N/T	N/T	N/T	N/T	N/T	No Result	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	No Result
8TTBGG	GlobalFiler™										
4	[Redacted]										
8UPYRY	GlobalFiler™										
4	[Redacted]										
96ZKPD	GlobalFiler™										
4	[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 4 - YSTR Results

97FQ7N	GlobalFiler™									
4	-									
9EUTA6	Yfiler®, GlobalFiler™									
4	-	-	-	-	-	-	-	-	-	-
9QYY6N	Investigator® 24plex									
4	-									
9RCMGN	GlobalFiler™									
4	-									
9RGY6K	GlobalFiler™									
4	-									
A42YBD	PowerPlex® Fusion 5C									
4	NR									
A76UQU	GlobalFiler™									
4	-									
A8P8RE	GlobalFiler™									
4	NR									
A9TCLZ	PowerPlex® Y 23									
4	-	-	-	-	-	-	-	-	-	-
AAMRJQ	Yfiler® Plus, GlobalFiler™									
4	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
ABEYF9	Yfiler® Plus									
4	-									
ABV7J6	GlobalFiler™									
4	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 4 - YSTR Results

ACWUD3	Investigator® 24plex										
4	[REDACTED]										
ADUCBC	PowerPlex® Fusion										
4	NR										
AFV4LJ	Investigator® 24plex										
4	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
AVRK9W	PowerPlex® Fusion 6C										
4	[REDACTED]										
BE2QPH	GlobalFiler™										
4	[REDACTED]										
BG8C84	GlobalFiler™										
4	[REDACTED]										
BGRUBX	GlobalFiler™										
4	[REDACTED]										
BJTZLP	GlobalFiler™										
4	NR										
	NR										
BN64CR	PowerPlex® Fusion 6C										
4	-	-	-	-	-	-	No Peaks	-	-	-	
	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	No Peaks	No Peaks	-	-	-	-	-	-
BPX2QX	GlobalFiler™										
4	[REDACTED]										
C2CA7Q	GlobalFiler™ Casework										
4	[REDACTED]										
C3HUR6	GlobalFiler™										
4	[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 4 - YSTR Results

C4ZR9W	GlobalFiler™										
4											NR
C6BK2Q	GlobalFiler™										
4											NR
C8AYJ9	Yfiler™ Plus										
4	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
CBYEZW	GlobalFiler™										
4											NR
CDDZGH	GlobalFiler™										
4											No results
											No results
CGLXG7	GlobalFiler™										
4											
CJU8EH	Investigator® 24plex QS										
4											-
CTJW7Q	GlobalFiler™										
4											
DBAKRQ	GlobalFiler™										
4											--
											--
DDJKXX	PowerPlex® Fusion 6C										
4											NR
											NR
											NR
DNZ92K	GlobalFiler™, PowerPlex® Fusion 6C										
4											NR
											NR
											NR
DXQTCW	GlobalFiler™										
4	-	-	-	-	-	-	-	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 4 - YSTR Results

E4NWP9	GlobalFiler™										
4	[REDACTED]										
E67RGM	PowerPlex® Fusion 6C										
4	[REDACTED]										
E6LDLJ	PowerPlex® Y 23, GlobalFiler™, PowerPlex® Fusion 6C										
4	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
EGWMJU	GlobalFiler™										
4	NR										
	[REDACTED]										
	NR										
EJMNMW	PowerPlex® Fusion 6C										
4	NR										
	[REDACTED]										
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
EQYWX7	Yfiler®										
4	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
ETP4BF	PowerPlex® Fusion 5C										
4	NR										
	[REDACTED]										
EVWF4Q	GlobalFiler™										
4	NR										
	[REDACTED]										
	NR										
EWZBF2	PowerPlex® Fusion 5C										
4	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
EXV34T	GlobalFiler™										
4	NR										
	[REDACTED]										
	NR										
F2W8QD	Investigator® 24plex										
4	[REDACTED]										
FAAA27	GlobalFiler™										
4	NR										
	[REDACTED]										
	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 4 - YSTR Results

FB6R9N 4	GlobalFiler™										
[Redacted]											
FEPHP7 4	PowerPlex® Fusion 6C										
[Redacted]											
FHG8BH 4	GlobalFiler™										
None											
None											
FKQX2L 4	PowerPlex® Fusion 6C										
[Redacted]											
FLYAF3 4	PowerPlex® Fusion 5C										
NR											
FMTV9T 4	GlobalFiler™										
-											
-											
FXGPMB 4	PowerPlex® Fusion F6C										
[Redacted]											
FXTNFY 4	PowerPlex® Fusion 5C										
NA NA NA NA NA NA NE/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 NA											
G3J6KX 4	PowerPlex® Y 23										
- - - - - - - - - - -											
- - - - - - - - - - -											
- - - - - - - - - - -											
G6AEKQ 4	GlobalFiler™										
[Redacted]											
GD8YTD 4	Investigator® 24plex										
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 NA NA NA NA NA NA NA NA											
GEUWNX 4	GlobalFiler™										
Not Tested Not Tested Not Tested Not Tested Not Tested Not Tested No Results 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 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 4 - YSTR Results

GHLR27	PowerPlex® Fusion 6C										
4	[REDACTED]										
GQP23P	GlobalFiler™										
4	[REDACTED]										
GR7V4Y	PowerPlex® Fusion 5C										
4	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
GXR2ND	Investigator® 24plex QS										
4	[REDACTED]										
H2RE3P	GlobalFiler™										
4	[REDACTED]										
H4BNWM	PowerPlex® Fusion 6C										
4	[REDACTED]										
HDKZ6E	GlobalFiler™										
4	no results										
	no results										
HDMUY7	GlobalFiler™										
4	NR										
	NR										
HF7U4F	GlobalFiler™										
4	-										
	-										
HN3N2D	GlobalFiler™										
4	-										
	-										
HVD4LF	GlobalFiler™										
4	no results										
	no results										
HYPL97	PowerPlex® Fusion 6C										
4	[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 4 - YSTR Results

KGRCXC	GlobalFiler™										
4	[REDACTED]										
KGUXMK	Yfiler® Plus, GlobalFiler™										
4	--	--	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--	--
		--		--	--		--	--		--	--
KT4Q2J	PowerPlex® Fusion 6C										
4	[REDACTED]										
KUJWF9	PowerPlex® Y 23										
4	[REDACTED]										
KVLYXX	GlobalFiler™										
4	[REDACTED]										
KYA7NL	GlobalFiler™										
4	[REDACTED]										
							--				--
L296CJ	GlobalFiler™										
4	[REDACTED]										
							-				-
L4N4YU	GlobalFiler™										
4	[REDACTED]										
L9UVZZ	Yfiler® Plus, GlobalFiler™										
4	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
LDPW4E	PowerPlex® Fusion 6C										
4	[REDACTED]										
LMCPEB	GlobalFiler™										
4	[REDACTED]										
LMDQ7N	GlobalFiler™										
4	[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 4 - YSTR Results

LR7M32	GlobalFiler™										
4	[REDACTED]										
LUALQF	GlobalFiler™										
4	[REDACTED]										
MEZ4P8	Investigator® 24plex										
4	[REDACTED]										
MKK46K	PowerPlex® Fusion 6C										
4	[REDACTED]										
MTUMBW	GlobalFiler™										
4	[REDACTED] NR										
	NR										
MVJUVU	GlobalFiler™										
4	[REDACTED] NR										
	NR										
MVZ8YW	GlobalFiler™										
4	NT	NT	NT	NT	NT	NT	NR	NT	NT	NT	
	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NR
MXEAFH	PowerPlex® Fusion 6C										
4	[REDACTED]										
MXWAH8	Investigator® 24plex QS										
4	[REDACTED]										
N24BPV	GlobalFiler™										
4	[REDACTED] NR										
	NR										
N3F2XZ	GlobalFiler™										
4	[REDACTED]										
NA2WXH	GlobalFiler™										
4	[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 4 - YSTR Results

NEXKKW	PowerPlex® Fusion 6C										
4											ND
											ND
											ND
NHK6PZ	PowerPlex® Fusion 6C										
4											
NLUH2T	Yfiler®, PowerPlex® Fusion 5C										
4	NA	NR/NE	NR/NE	NR/NE	NR/NE	NR/NE	NR/NE	NR/NE	NR/NE	NR/NE	NR/NE
	NR/NE	NR/NE	NR/NE	NA	NR/NE	NR/NE	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NR/NE	NA	NR/NE	NA
NNEEJQ	GlobalFiler™										
4	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	NR
NURBHE	GlobalFiler™										
4											
NW24KE	GlobalFiler™										
4											
NXLB8U	GlobalFiler™										
4											no results
											no results
P44YGQ	GlobalFiler™										
4											NR
											NR
PBLAUR	GlobalFiler™										
4											NR
											NR
PHJ2YE	Investigator® 24plex										
4											No Results
PLDTE7	GlobalFiler™										
4											
PQFYLQ	Yfiler®										
4		14,15	11,13,15,16	13	29,31	23,25	10,11	12,14	13,14	14,15	
	10,12	11,12	18,20		15,16	16,17					
									23	11,12	

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

PTU3AU	Investigator® 24plex QS										
4	[Redacted]										
Q4GUHN	GlobalFiler™										
4	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
QFZ9ZJ	PowerPlex® Fusion 6C										
4	NR										
	[Redacted]										
	NR NR										
QGZZ9E	GlobalFiler™										
4	No Results										
	[Redacted]										
	No Results										
QMPGR6											
4		NT	NT	NT	NT	NT	NT	NT	NT	NT	
	NT	NT	NT		NT	NT		NT			
		NT	NT	NT	NT			NT	NT	NT	
QQ6AHX	GlobalFiler™										
4	[Redacted]										
QQKGR9	GlobalFiler™										
4	[Redacted]										
QV6QFW	PowerPlex® Fusion 6C										
4	NR										
	[Redacted]										
	NR NR										
QVDLA4	Investigator® 24plex										
4	N/A	N/A	N/A	N/A	N/A	N/A	No Result	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
QVE98W	GlobalFiler™										
4	[Redacted]										
QWBTRB	GlobalFiler™										
4	NR										
	[Redacted]										
	NR										
QYDNHD	GlobalFiler™										
4	[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 4 - YSTR Results

QZLUQ9	Yfiler®, GlobalFiler™										
4	No result	No result	No result	No result	No result	No result	No result	No result	No result	No result	No result
	No result	No result	No result	No result	No result	No result		No result	No result	No result	No result
R3EARV	PowerPlex® Fusion 6C										
4	[Redacted]										
R9R6BH	PowerPlex® Fusion 5C										
4	NR										
RB8MHA	PowerPlex® Fusion 6C										
4	[Redacted]										
REJHZD	GlobalFiler™										
4	[Redacted]										
RFCGA6	GlobalFiler™										
4	[Redacted]										
RNQ4MF	GlobalFiler™										
4	[Redacted]										
RNQCC7	GlobalFiler™										
4	-										
RPNEF3	GlobalFiler™										
4	NR										
	NR										
RQDTKD	GlobalFiler™										
4	No results										
	No results										
RV9Q2H	Investigator® 24plex										
4	[Redacted]										
RWZJ6M	GlobalFiler™										
4	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



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

RXD46P 4	GlobalFiler™	[Redacted]										
RZG24J 4	GlobalFiler™	[Redacted]										
T9WZJW 4	PowerPlex® Fusion 6C	[Redacted]										
TA6A88 4	GlobalFiler™	[Redacted]										
TDP2UV 4	GlobalFiler™	[Redacted] NR NR										
TQCC4U 4	PowerPlex® Fusion 6C	[Redacted] NR NR NR NR										
TQZDFR 4	Investigator® 24plex QS	[Redacted]										
TTDETV 4	PowerPlex® Fusion 6C	[Redacted] NR NR NR NR										
TUYP8W 4		[Redacted] NR NR										
TXBTUR 4	PowerPlex® Fusion 6C	[Redacted]										
TY6MKW 4	PowerPlex® Fusion 6C	[Redacted]										
UAGFXG 4	GlobalFiler™	-	-	-	-	-	-	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 4 - YSTR Results

UGE29P 4	PowerPlex® Fusion 6C									
UNM8B3 4	GlobalFiler™									
URQXLN 4	GlobalFiler™									
UU6TXZ 4	GlobalFiler™							no results		no results
V2J63C 4	GlobalFiler™							NR		NR
V6KV2C 4	PowerPlex® Fusion 6C									
V93EL8 4	PowerPlex® Fusion 6C									
VMNLW2 4	GlobalFiler™									
VRHFU3 4	GlobalFiler™									
WVYW2 4	GlobalFiler™									
VXLKN8 4	PowerPlex® Fusion 6C									
VYUMAR 4	GlobalFiler™									

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

W467YC 4	GlobalFiler™							NR		
<hr/>										
WCZ3XM 4	Investigator® 24plex QS									NR
<hr/>										
WD7RQH 4	GlobalFiler™							NR		
<hr/>										
WHBVDT 4	PowerPlex® Fusion 6C									NR
<hr/>										
WK9U2B 4	GlobalFiler™							NR		
<hr/>										
WYNURA 4	GlobalFiler™							--		--
<hr/>										
WZ8E39 4	Investigator® 24plex									
<hr/>										
XCBEV4 4	GlobalFiler™							NR		
<hr/>										
XDM8G6 4	GlobalFiler™									
<hr/>										
XFNDVB 4	Yfiler™ PLUS									
<hr/>										
XGANAC 4	PowerPlex® Fusion 6C							NR		
<hr/>										
			NR	NR						
<hr/>										
XLLMNQ 4	GlobalFiler™							NR		
<hr/>										
										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 4 - YSTR Results

XMDLPH	PowerPlex® Fusion 5C											
4	N/A	N/A	N/A	N/A	N/A	N/A	NE/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	N/A	
XVRE9E	PowerPlex® Fusion 6C											
4							NR					
				NR	NR							
XZNYA4	PowerPlex® Fusion 6C											
4												
Y3NMZY	GlobalFiler™											
4												
Y69PR4	PowerPlex® Fusion 6C											
4												
YR62YB	Investigator® 24plex											
4							no results					
YTL8HL	Investigator® 24plex QS											
4												
YUQ4DA	PowerPlex® Y 23											
4	-	-	-	-	-	-	-	-	-	-	-	
	-	-	-	-	-	-	-	-	-	-	-	
	-	-	-	-	-	-	-	-	-	-	-	
YVQXLU	GlobalFiler™											
4												
YWG4YZ	GlobalFiler™											
4							NR					
											NR	
YY83JP	PowerPlex® Fusion 6C											
4												
Z37Z73	PowerPlex® Fusion 6C											
4												

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

Z6PZ64 4	PowerPlex® Fusion 6C	[Redacted]									
Z6V63F 4	GlobalFiler™	[Redacted]									
Z73NP3 4	GlobalFiler™	[Redacted]									
Z8GTG2 4	GlobalFiler™	NR							NR		
Z8QXNH 4	Yfiler®, GlobalFiler™	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	
Z9UFYF 4	GlobalFiler™	[Redacted]									
ZBDR9P 4	PowerPlex® Fusion 6C	[Redacted]									
ZBHVD3 4	PowerPlex® Fusion 5C	NR							NR		
ZF7ME4 4	PowerPlex® Fusion 6C	[Redacted]									
ZFPLF9 4	GlobalFiler™	NR							NR		
ZG299V 4	Investigator® 24plex	[Redacted]									
ZLZTZL 4	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 4 - YSTR Results

ZNGWW6	GlobalFiler™										
4	[REDACTED]										
ZNMEN3	GlobalFiler™										
4	[REDACTED]										
ZU4QQH	Yfiler®, PowerPlex® Fusion										
4	NR	NR, NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR						
								NR			NR







## 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>
F13A01	VDEAFH	6,7	6,7		6,7	4,6	6,7		
F13B	VDEAFH	6,7	8,8		8,8	8,10	6,7		
FESFPS	VDEAFH	10,11	8,11		8,11	10,12	10,11		
LPL	VDEAFH	12,13	10,10		10,10	11,11	12,13		
PENTA C	VDEAFH	10,12	11,13		11,13	11,12	10,12		

# Mitochondrial DNA - HVRI Results

## TABLE 5a - ITEM 1

Polymorphisms from Reference Sequence

	16126.0	16187.0	16189.0	16223.0	16264.0	16270.0	16278.0	16293.0	16311.0	16519.0	16545.0	18189.0
<b>ITEM 1</b>												
29LY8F	C	T	C	T	T	T	T	G	C			
2ATKC8	C	T	C	T	T	T	T	G	C			
33BAY7	C	T	C	T	T	T	T	G	C	C	N	
3QWEJ7	C	T	C	T	T	T	T	G	C	C		
3WNE7E	C	T	C	T	T	T	T	G	C			
4JVD3D	C	T	C	T	T	T	T	G	C			
68AQ7G	C	T	C	T	T	T	T	G	C			
6LEVCA	C	T	C	T	T	T	T	G	C			
7YV96U	C	T	C	T	T	T	T	G	C	C		
8Q2FEF	C	T	C	T	T	T	T	G	C			
9PJN4B	C	T	C	T	T	T	T	G	C			
ABEYF9	C	T	C	T	T	T	T	G	C			
EWZBF2	C	T	C	T	T	T	T	G	C			
FHG8BH	C	T	C	T	T	T	T	G	C			
FXTNFY	C	T	C	T	T	T	T	G	C			
GR7V4Y	C	T	C	T	T	T	T	G	C			
HWQKUM	C	T	C	T	T	T	T	G	C	C		
JW8XP	C	T	C	T	T	T	T	G	C			
JWJU3U	C	T	C	T	T	T	T	G	C			
KCX97D	C	T	C	T	T	T	T	G	C			
L8WVVK	C	T		T	T	T	T	G	C			C
NLUH2T	C	T	C	T	T	T	T	G	C			
NTQCYQ	C	T	C	T	T	T	T	G	C			
PQFYLG	C	T	C	T	T	T	T	G	C			
QZLUQ9	C	T	C	T	T	T	T	G	C			
TJ7MHF	C	T	C	T	T	T	T	G	C	C		
TUDBKE	C	T	C	T	T	T	T	G	C			
XMDLPH	C	T	C	T	T	T	T	G	C			
XVRE9E	C	T	C	T	T	T	T	G	C			

TABLE 5a - ITEM 2  
Polymorphisms from Reference Sequence

	165119.0	165445.0
ITEM 2		
33BAY7	C	N
3QWEJ7	C	
7YV96U	C	
HWQKUM	C	
TJ7MHF	C	

TABLE 5a - ITEM 4

Polymorphisms from Reference Sequence

	16126.0	16187.0	16189.0	16223.0	16264.0	16270.0	16278.0	16293.0	16311.0	16383.0
<b>ITEM 4</b>										
29LY8F	C	T	C	T	T	T	T	G	C	
2ATKC8	C	T	C	T	T	T	T	G	C	
33BAY7	C	T	C	T	T	T	T	G	C	
3QWEJ7	C	T	C	T	T	T	T	G	C	
3WNE7E	C	T	C	T	T	T	T	G	C	
4JVD3D	C	T	C	T	T	T	T	G	C	
68AQ7G	C	T	C	T	T	T	T	G	C	
6LEVCA	C	T	C	T	T	T	T	G	C	
7YV96U	C	T	C	T	T	T	T	G	C	
8Q2FEF	C	T	C	T	T	T	T	G	C	
ABEYF9	C	T	C	T	T	T	T	G	C	
EWZBF2	C	T	C	T	T	T	T	G	C	
FHG8BH	C	T	C	T	T	T	T	G	C	
FXTNfy	C	T	C	T	T	T	T	G	C	
GR7V4Y	C	T	C	T	T	T	T	G	C	
HWQKUM	C	T	C	T	T	T	T	G	C	N
JW8XP	C	T	C	T	T	T	T	G	C	
JWJU3U	C	T	C	T	T	T	T	G	C	
KCX97D	C	T	C	T	T	T	T	G	C	
L8WVDK	C	T	C	T	T	T	T	G	C	
NLUH2T	C	T	C	T	T	T	T	G	C	
NTQCYQ	C	T	C	T	T	T	T	G	C	
QZLUQ9	C	T	C	T	T	T	T	G	C	
TJ7MHF	C	T	C	T	T	T	T	G	C	
TUDBKE	C	T	C	T	T	T	T	G	C	
XMDLPH	C	T	C	T	T	T	T	G	C	
XVRE9E	C	T	C	T	T	T	T	G	C	

# Mitochondrial DNA - HVRI Results

TABLE 5b

**Bases Sequenced: HVR I**

<b>WEBCODE</b>	<b>ITEM 1</b>	<b>ITEM 2</b>	<b>ITEM 3</b>	<b>ITEM 4</b>
29LY8F	16002-16376	16022-16379		16002-16387
2ATKC8	16024-16391	16024-16391	Inconclusive	16024-16391
33BAY7	16024-16569	16024-16569	Inconclusive	16024-16391
3QWEJ7	16024-16569	16024-16569	Inconclusive	16024-16391
3WNE7E	15998-16390	15998-16390		16001-16390
4JVD3D	15998-16390	15998-16390		15998-16390
68AQ7G	16001-16387	16001-16390		16001-16387
6LEVCA	16021-16400	16021-16400		16021-16400
7YV96U	15998-16569	15998-16569	Not Reported	15998-16388
8Q2FEF	15998-16390	15998-16390		15998-16390
9PJN4B	16019-16374	16019-16374		
ABEYF9	16000-16400	16000-16400	Mixed sample	16000-16400
EWZBF2	16022-16375	16003-16376		16015-16376
FHG8BH	15994-16400	15994-16400		15994-16400
FXTNFY	16006-16379	16009-16377		16022-16367
GR7V4Y	16006-16379	16015-16379		16002-16379
HWQKUM	15998-16569	16001-16569	Not Reported	16001-16388
JW8XXP	16024-16391	16024-16391		16024-16391
JWJU3U	15920-16530	15920-16530	15920-16530	15920-16530
KCX97D	15994-16400	15994-16400	Mixture	15994-16400
L8WVDK	16024 - 16370	16024 - 16370	16024 - 16370	16024 - 16370
NLUH2T	16001-16387			16002-16387
NTQCYQ	15998-16390	15998-16390		15998-16390
PQFYLQ	16000-16400	16000-16400		
QZLUQ9	15994-16400	15994-16400		15994-16400
TJ7MHF	16024-16569	16024-16569	INCONCLUSIVE	16024-16391
TUDBKE	16024-16365	16024-16365		16024-16365
XMDLPH	16015-16375	16015-16375		16001-16387
XVRE9E	16004-16389	16000-16390	16000-16390	16006-16389

# Mitochondrial DNA - HVRII Results

## TABLE 6a - ITEM 1

Polymorphisms from Reference Sequence

	73.0	152.0	182.0	185.0	195.0	247.0	263.0	315.1	357.0	523.0	524.0	546.0	571.0
<b>ITEM 1</b>													
29LY8F	G	C	T	T	C	A	G	C	G				
2ATKC8	G	C	T	T	C	A	G	C INS	G				
33BAY7	G	C	T	T	C	A	G	CINS	G	ADEL	CDEL	N	N
3QWEJ7	G	C	T	T	C	A	G	C INS	G	A DEL	C DEL		
3WNE7E	G	C	T	T	C	A	G	C	G				
4JVD3D	G	C	T	T	C	A	G	C	G				
68AQ7G	G	C	T	T	C	A	G	C INS	G				
6LEVCA	G	C	T	T	C	A	G	C	G				
7YV96U	G	C	T	T	C	A	G	C	G	D	D		
8Q2FEF	G	C	T	T	C	A	G	C	G				
9PJN4B	G	C	T	T	C	A	G	C	G				
ABEYF9	G	C	T	T	C	A	G	C	G				
EWZBF2	G	C	T	T	C	A	G	C	G				
FHG8BH	G	C	T	T	C	A	G	C	G				
FXTNFY	G	C	T	T	C	A	G	C	G				
GR7V4Y	G	C	T	T	C	A	G	C	G				
HWQKUM	G	C	T	T	C	A	G	C	G	D	D		
JW8XP	G	C	T	T	C	A	G	C	G				
JWJU3U	G	C	T	T	C	A	G	C	G				
KCX97D	G	C	T	T	C	A	G	C	G				
L8WVDK	G	C	T	T	C	A	G	C					
NLUH2T	G	C	T	T	C	A	G	C	G				
NTQCYQ	G	C	T	T	C	A	G	C	G				
PQFYLQ	G	C	T	T	C	A	G	C	G				
QZLUQ9	G	C	T	T	C	A	G	C	G				
TJ7MHF	G	C	T	T	C	A	G	C INS	G	A DEL	C DEL		
TUDBKE	G	C	T	T	C	A	G	C					
XMDLPH	G	C	T	T	C	A	G	C	G				
XVRE9E	G	C	T	T	C	A	G	C	G				

## TABLE 6a - ITEM 2

Polymorphisms from Reference Sequence

	263.0	315.1
<b>ITEM 2</b>		
29LY8F	G	C
2ATKC8	G	C INS
33BAY7	G	C INS
3QWEJ7	G	C INS
3WNE7E	G	C
4JVD3D	G	C
68AQ7G	G	C INS
6LEVCA	G	C
7YV96U	G	C
8Q2FEF	G	C
9PJN4B	G	C
ABEYF9	G	C
EWZBF2	G	C
FHG8BH	G	C
FXTNFY	G	C
GR7V4Y	G	C
HWQKUM	G	C
JW8XP	G	C
JWJU3U	G	C
KCX97D	G	C
L8WVDK	G	C
NTQCYQ	G	C
PQFYLQ	G	C
QZLUQ9	G	C
TJ7MHF	G	C INS
TUDBKE	G	C
XMDLPH	G	C
XVRE9E	G	C

## TABLE 6a - ITEM 3

Polymorphisms from Reference Sequence

	263.0	315.1
ITEM 3		
JWJU3U	G	C
L8WVDK	G	C
XVRE9E	G	C



TABLE 6a - ITEM 4

Polymorphisms from Reference Sequence

	73.0	152.0	182.0	185.0	195.0	247.0	263.0	315.1	357.0
<b>ITEM 4</b>									
29LY8F	G	C	T	T	C	A	G	C	G
2ATKC8	G	C	T	T	C	A	G	C INS	G
33BAY7	G	C	T	T	C	A	G	CINS	G
3QWEJ7	G	C	T	T	C	A	G	C INS	G
3WNE7E	G	C	T	T	C	A	G	C	G
4JVD3D	G	C	T	T	C	A	G	C	G
68AQ7G	G	C	T	T	C	A	G	C INS	G
6LEVCA	G	C	T	T	C	A	G	C	G
7YV96U	G	C	T	T	C	A	G	C	G
8Q2FEF	G	C	T	T	C	A	G	C	G
ABEYF9	G	C	T	T	C	A	G	C	G
EWZBF2	G	C	T	T	C	A	G	C	G
FHG8BH	G	C	T	T	C	A	G	C	G
FXTNFY	G	C	T	T	C	A	G	C	G
GR7V4Y	G	C	T	T	C	A	G	C	G
HWQKUM	G	C	T	T	C	A	G	C	G
JW8XXP	G	C	T	T	C	A	G	C	G
JWJU3U	G	C	T	T	C	A	G	C	G
KCX97D	G	C	T	T	C	A	G	C	G
L8WVDK	G	C	T	T	C	A	G		
NLUH2T	G	C	T	T	C	A	G	C	G
NTQCYQ	G	C	T	T	C	A	G	C	G
QZLUQ9	G	C	T	T	C	A	G	C	G
TJ7MHF	G	C	T	T	C	A	G	C INS	G
TUDBKE	G	C	T	T	C	A	G	C	
XMDLPH	G	C	T	T	C	A	G	C	G
XVRE9E	G	C	T	T	C	A	G	C	G

# Mitochondrial DNA - HVRII Results

TABLE 6b

**Bases Sequenced: HVR II**

<b>WEBCODE</b>	<b>ITEM 1</b>	<b>ITEM 2</b>	<b>ITEM 3</b>	<b>ITEM 4</b>
29LY8F	72-400	64-400		63-401
2ATKC8	35-369	35-369	Inconclusive	35-369
33BAY7	1-576	1-576	Inconclusive	35-464
3QWEJ7	1-576	1-576	Inconclusive	35-369
3WNE7E	49-407	49-393		50-407
4JVD3D	49-407	49-407		49-405
68AQ7G	57-385	50-404		50-401
6LEVCA	66-390	66-390		66-390
7YV96U	1-542	1-542	Not Reported	39-361
8Q2FEF	54-407	49-407		49-407
9PJN4B	61-385	61-385		
ABEYF9	60-390	60-390	Mixed sample	60-390
EWZBF2	64-392	64-392		58-392
FHG8BH	35-409	35-409		35-409
FXTNFY	58-392	64-393		70-386
GR7V4Y	65-400	63-392		51-400
HWQKUM	1-538	1-532	Not Reported	39-365
JW8XP	35-464	35-464		35-464
JWJU3U	30-470	30-470	30-470	30-470
KCX97D	35-409	35-409		35-409
L8WVDK	73 - 340	73 - 340	73 - 340	73 - 280
NLUH2T	51-403			50-401
NTQCYQ	49-407	49-407		49-407
PQFYLG	20-420	20-420		
QZLUQ9	35-409	35-409		35-409
TJ7MHF	1-576	1-576	INCONCLUSIVE	35-464
TUDBKE	73-340	73-340		73-340
XMDLPH	63-392	64-391		63-403
XVRE9E	53-406	50-405	50-401	50-407

# 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
223XT3	No	Yes	Yes	No	39BQBW	No Interpretations Reported, DNA Analyzed for Database purposes only.			
224PWP	No	Yes	Yes	No	39KJHZ	No	Yes	Yes	No
24DJUB	No	Yes	Yes	No	39MBAG	No	Yes	Yes	No
26PBYZ	No	Yes	Yes	No	3C3HXG	No	Yes	Yes	No
289HY8	No	Yes	Yes	No	3CG683	No	Yes	Yes	No
293AMY	No	Yes	Yes	No	3CXCBY	No	Yes	Yes	No
29LY8F	No Interp	Yes	No Interp	No	3H7MJT	No	Yes	Yes	No
2ATKC8	Inc	Yes	Inc	No	3LM74N	No	Yes	Yes	No
2BRGD3	No	Yes	Yes	No	3LQJ8Y	No	Yes	Yes	No
2C62Z7	No	Yes	Yes	No	3LU2CP	No	Yes	Yes	No
2GJNWC	No	Yes	Yes	No	3LUYMK	No	Yes	Yes	No
2KH9M2	No	Yes	Yes	No	3QWEJ7	Inc	Yes	Inc	No
2LXATA		Yes		No	3VNJEW	No	Yes	Yes	No
2PB7BK	No	Yes	Yes	No	3WNE7E	No Interp	Yes	No Interp	No
2QJD87	No	Yes	Yes	No	3X33HR	No	Yes	Yes	No
2U3BZ3	No	Yes	Yes	No	3XJ4H9	No	Yes	Yes	No
2UZQ22	No Interp	No Interp	No Interp	No Interp	3YYBXX	No	Yes	Yes	No
2WV49T	No	Yes	Yes	No	446BU2	No	Yes	Yes	No
2X6BBL	No	Yes	Yes	No	44Z46Y	No	Yes	Yes	No
2YRZAE	No	Yes	Yes	No	4787AH	No	Yes	Yes	No
2ZQ7K8	No	Yes	Yes	No	47MPUF	No	Yes	Yes	No
32NNK3	No	Yes	Yes	No	482WDC	No	Yes	Yes	No
32TFZG	No	Yes	Yes	No	48WN34	No	Yes	Yes	No
33BAY7	Inc	Yes	Yes	No	4BWX9Y	No Interpretations Reported, DNA Analyzed for Database purposes only.			
344DH6	No	Yes	Yes	No	4D9KTY	No	Yes	Yes	No
37BNFU	No	Yes	Yes	No	4JP8G9	No	Yes	Yes	No
393CGP	No	Yes	Yes	No	4JVD3D	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
4KALMY	No	Yes	Yes	No	6MWQCN	No	Yes	Yes	No
4KAWT3	No	Yes	Yes	No	6TGUDY	No	Yes	Yes	No
4KTNZ2	No	Yes	Yes	No	6V68W3	No	Yes	Yes	No
4L2QWX	No	Yes	Yes	No	6WHX78	No	Yes	Yes	No
4LYCUX	No Interp	No Interp		No Interp	6X7KAU	No Interpretations Reported, DNA Analyzed for Database purposes only.			
4P24FW	No	Yes	Yes	No	6XCJZX	No	Yes	Yes	No
4PGCCX	No	Yes	Yes	No	6ZZ8DY	No	Yes	Yes	No
4XC7VQ	No	Yes	Yes	No	72TEYM	No	Yes	Yes	No
4ZGYPN	No	Yes	Yes	No	76TN6J	No	Yes	Yes	No
62BWK3	No	Yes	Yes	No	78TRTJ	No	Yes	Yes	No
63A99H	No	Yes	Yes	No	799VTH	No	Yes	Yes	No
63HJRE	No	Yes	Yes	No	79BMKY	No	Yes	Yes	No
67T46B	No	Yes	Yes	No	7D6JGP	No	Yes	Yes	No
68AQ7G	No	Yes	Yes	No	7EDXH4	No	Yes	Yes	No
68MRM7	No Interpretations Reported, DNA Analyzed for Database purposes only.				7EFLVN	No	Yes	Yes	No
68ZJAF	No	Yes	Yes	No	7FPT7G	No	Yes	Yes	No
69V2KH	No	Yes	Yes	No	7HFUAJ	No	Yes	Yes	No
6ARKDX	No	Yes	Yes	No	7L89C8	No	Yes	Yes	No
6BJHUQ	No	Yes	Yes	No	7MKNUE	No	Yes	Yes	No
6BUMU8	No	Yes	Yes	No	7R22YN	No	Yes	Yes	No
6BUPF6	No	Yes	Yes	No	7TWHD7	No	Yes	Yes	No
6CQTGT	No	Yes	Yes	No	7X7QJ2	No	Yes	Yes	No
6CXZQV	No	Yes	Yes	No	7X7T4Y	No	Yes	Yes	No
6F89VR	No	Yes	Yes	No	7XLA4Y	No	Yes	Yes	No
6FR2PP	No	Yes	Yes	No	7XQEZB	No	Yes	Yes	No
6K98NK	No	Yes	Yes	No	7YV96U	No Interp	Yes	No Interp	No
6LEVCA	No	Yes	Yes	No	7ZU8N3	No	Yes	Yes	No
6LJ99X	No	Yes	Yes	No	82NEDD	No	Yes	Yes	No
6MCZHJ	No	Yes	Yes	No	84DQBX	No	Yes	Yes	No

TABLE 7

WebCode	Victim (Item 1)		Suspect (Item 2)		WebCode	Victim (Item 1)		Suspect (Item 2)	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
84QDHY	No	Yes	Yes	No	9RCMGN	No	Yes	Yes	No
88AABV	No	Yes	Yes	No	9RGY6K	No	Yes	Yes	No
89JEKD	No	Yes	Yes	No	9YDU64	No	Yes	Yes	No
8BMA8M	No	Yes	Yes	No	9ZL37W	No	Yes	Yes	No
8CMWE2	No	Yes	Yes	No	A2HQCX	No	Yes	Yes	No
8D3CHG	No	Yes	Yes	No	A323DM	No	Yes	Yes	No
8EMJEH	No	Yes	Yes	No	A36LKY	No	Yes	Yes	No
8GCMBW	No	Yes	Yes	No	A42YBD	No	Yes	Yes	No
8LRZ8D	No	Yes	Yes	No	A4G3VR	No Interpretations Reported, DNA Analyzed for Database purposes only.			
8MTWVF	No	Yes	Yes	No	A76UQU	No	Yes	Yes	No
8N2A4V	No	Yes	Yes	No	A7P9GT	No	Yes	Yes	No
8NFD6M	No	Yes	Yes	No	A8P8RE	No	Yes	Yes	No
8PMWQC	No	Yes	Yes	No	A9TCLZ	No	Yes	Yes	No
8Q2FEF	No	Yes	Yes	No	AAMRJQ	No	Yes	Yes	No
8TTBGG	No	Yes	Yes	No	ABEYF9	No	Yes	Yes	No
8UPYRY	No	Yes	Yes	No	ABV7J6	No	Yes	Yes	No
8UVGCN	No Interpretations Reported, DNA Analyzed for Database purposes only.				ACWUD3	No	Yes	Yes	No
942E3D	No	Yes	Yes	No	ADUCBC	No	Yes	Yes	No
948NYJ	No	Yes	Yes	No	AFV4LJ	No	Yes	Yes	No
96E7WE	No	Yes	Yes	No	AP2YD3	No	Yes	Yes	No
96ZKPD	No	Yes	Yes	No	AV2L2W	No	Yes	Yes	No
9792AP	No	Yes	Yes	No	AVRK9W	No	Yes	Yes	No
97FQ7N	No	Yes	Yes	No	B429MU	No	Yes	Yes	No
9EUTA6	No	Yes	Yes	No	B89TE9	No	Yes	No	No
9JL2FW	No	Yes	Yes	No	B8W62M	No	Yes	Yes	No
9P6FWV	No	Yes	Yes	No	B9YLTT	No	Yes	Yes	No
9PJN4B	No	Yes	Yes	No	BBKH2J	No Interp	Yes	No Interp	No
9QYY6N	No	Yes	Yes	No	BE2QPH	No	Yes	Yes	No
9RCH3Z	No	Yes	Yes	No	BG8C84	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
BGRUBX	No	Yes	Yes	No	CM3Q2P	No	Yes	Yes	No
BHZZKT	No	Yes	Yes	No	CTBUBC	No	Yes	Yes	No
BJTZLP	No	Yes	Yes	No	CTCWUN	No Interp	No Interp	No Interp	No Interp
BJWHPF	No	Yes	Yes	No	CTJW7Q	No	Yes	Yes	No
BL22NW	No	Yes	Yes	No	CZBFVJ	No Interpretations Reported, DNA Analyzed for Database purposes only.			
BL2766	No	Yes	Yes	No	D3FJAR	No	Yes	Yes	No
BMUYW3	No	Yes	Yes	No	D7VW79	No	Yes	Yes	No
BN64CR	No	Yes	Yes	No	D87W7A	No	Yes	Yes	No
BPTGQN	No Interpretations Reported, DNA Analyzed for Database purposes only.				DBAKRQ	No	Yes	Yes	No
BPX2QX	No	Yes	Yes	No	DC3DRG	No	Yes	Yes	No
BTZR2J	No	Yes	Yes	No	DCM286	No	Yes	Yes	No
BXGZPJ	No	Yes	Yes	No	DDJKXX	No	Yes	Yes	No
C2CA7Q	No	Yes	Yes	No	DMA3ME	No	Yes	Yes	No
C2PQ4P	No	Yes	Yes	No	DNZ92K	No	Yes	Yes	No
C3HUR6	No	Yes	Yes	No	DP7N9B	No	Yes	Yes	No
C3XVNZ	No	Yes	Yes	No	DPNUAL	No	Yes	Yes	No
C4ZR9W	No	Yes	Yes	No	DUZMM7	No	Yes	Yes	No
C6BK2Q	No	Yes	Yes	No	DV2FME	No	Yes	Yes	No
C8AYJ9	No	Yes	Yes	No	DVUG9G	No	Yes	Yes	No
CA3QPD	No	Yes	Yes	No	DXQTCW	No	Yes	Yes	No
CBYEZW	No	Yes	Yes	No	E44E8K	No	Yes	Yes	No
CDDZGH	No	Yes	Yes	No	E4NWP9	No	Yes	Yes	No
CEG8AQ	No	Yes	Yes	No	E67RGM	No	Yes	Yes	No
CEU7VL	No	Yes	Yes	No	E6LDLJ	No	Yes	Yes	No
CGLXG7	No	Yes	Yes	No	E8MA77	No	Yes	Yes	No
CGNLQH	No	Yes	Yes	No	E8MEQL	No	Yes	Yes	No
CJU8EH	No	Yes	Yes	No	EGWMJU	No	Yes	Yes	No
CLBG9M	No	Yes	Yes	No	EJMNMW	No	Yes	Yes	No
CLQYA8	No	Yes	Yes	No	EKC9AF	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
EP86PL	No	Yes	Yes	No	FZ2K3N	No Interp	No Interp	No Interp	No Interp
EQYWX7	No	Yes	Yes	No	FZKHGA	No	Yes	Yes	No
ETP4BF	No	Yes	Yes	No	G3J6KX	No	Yes	Yes	No
EVTV7A	No	Yes	Yes	No	G4LNZ2	No	Yes	Yes	No
EVWF4Q	No	Yes	Yes	No	G6AEKQ	No	Yes	Yes	No
EWZBF2	No Interp	Yes	No Interp	No	G9PRG8	No	Yes	Yes	No
EXV34T	No	Yes	Yes	No	GAQPNM	No	Yes	Yes	No
F2W8QD	No	Yes	Yes	No	GAZQFM	No	Yes	Yes	No
F2XX3N	No	Yes	Yes	No	GCE2YZ	No	Yes	Yes	No
F3LMR9	No	Yes	Yes	No	GD8YTD	No	Yes	Yes	No
F4773M	No	Yes	Yes	No	GEUWNX	No	Yes	Yes	No
F6R7UB	No	Yes	Yes	No	GFVN9Y	No	Yes	Yes	No
FA8F6U	No	Yes	Yes	No	GHLR27	No	Yes	Yes	No
FAAA27	No	Yes	Yes	No	GL28CJ	No	Yes	Yes	No
FB6R9N	No	Yes	Yes	No	GNNYJU	No	Yes	Yes	No
FEPHP7	No	Yes	Yes	No	GQP23P	No	Yes	Yes	No
FHG8BH	No	Yes	Yes	No	GR7V4Y	No Interpretations Reported, DNA Analyzed for Database purposes only.			
FJTM3X	No	Yes	Yes	No	GT3AYJ	No	Yes	Yes	No
FKFTT4	No	Yes	Yes	No	GW3KQD	No	Yes	Yes	No
FKFVH9	No	Yes	Yes	No	GXR2ND	No	Yes	Yes	No
FKQX2L	No	Yes	Yes	No	GY94LD	No	Yes	Yes	No
FLN7A7	No	Yes	Yes	No	H2RE3P	No	Yes	Yes	No
FLYAF3	No	Yes	Yes	No	H4BNWM	No	Yes	Yes	No
FMCLCL	No	Yes	Yes	No	H4UJC4	No	Yes	Yes	No
FMTV9T	No	Yes	Yes	No	H8JPA8	No	Yes	Yes	No
FQVWDC	No	Yes	Yes	No	H97M37	No	Yes	Yes	No
FVNVLZ	No	Yes	Yes	No	HACW7W	No	Yes	Yes	No
FXGPMB	No	Yes	Yes	No	HD6L4B	No	Yes	Yes	No
FXTNFY	No Interp	Yes	No Interp	No	HDKZ6E	No	Yes	Yes	No
FXVBWC	No	Yes	Yes	No					

TABLE 7

WebCode	Victim (Item 1)		Suspect (Item 2)		WebCode	Victim (Item 1)		Suspect (Item 2)	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
HDMUY7	No	Yes	Yes	No	JWJU3U	No	Yes	Yes	No
HF7U4F	No	Yes	Yes	No	JX9NEL	No	Yes	Yes	No
HJAD9M	No	Yes	Yes	No	JZF2ZT	No Interpretations Reported, DNA Analyzed for Database purposes only.			
HN3N2D	No	Yes	Yes	No	JZND3	No	Yes	Yes	No
HQQATN	No	Yes	Yes	No	K3C8Q4	No	Yes	Yes	No
HRX97H	No	Yes	Yes	No	K3D63Z	No	Yes	Yes	No
HVD4LF	No	Yes	Yes	No	K46ZLM	No	Yes	Yes	No
HWQKUM	No Interp	Yes	No Interp	No	K62FZK	No	Yes	Yes	No
HYPL97	No	Yes	Yes	No	KC4GGM	No	Yes	Yes	No
HZV7QY	No Interp	No Interp	No Interp	No Interp	KCX97D	No	Yes	Yes	No
J33QEE	No	Yes	Yes	No	KGRCXC	No	Yes	Yes	No
J4JE6P	No	Yes	Yes	No	KGUXMK	No	Yes	Yes	No
J64VMD	No Interpretations Reported, DNA Analyzed for Database purposes only.				KGXPK9	No	Yes	Yes	No
JFLGYM	No	Yes	Yes	No	KKETHQ	No	Yes	Yes	No
JGY4JM	No	Yes	Yes	No	KLHREQ	No	Yes	Yes	No
JGZRYT	No	Yes	Yes	No	KPZRVR	No	Yes	Yes	No
JH96D9	No	Yes	Yes	No	KT4Q2J	No	Yes	Yes	No
JHQ3HT	No	Yes	Yes	No	KTNDCL	No	Yes	Yes	No
JJMGDE	No	Yes	Yes	No	KTZXDJ	No	Yes	Yes	No
JJP6MQ	No	Yes	Yes	No	KUJWF9	No	Yes	Yes	No
JL4X74	No	Yes	Yes	No	KVLYXX	No	Yes	Yes	No
JLA4UT	No	Yes	Yes	No	KVNMJH	No	Yes	Yes	No
JNYBEP	No	Yes	Yes	No	KYA7NL	No	Yes	Yes	No
JPV27Q	No	Yes	Yes	No	L296CJ	No	Yes	Yes	No
JQK62H	No	Yes	Yes	No	L4N4YU	No	Yes	Yes	No
JRV44E	No	Yes	Yes	No	L7BVQC	No	Yes	Yes	No
JVGQ6U	No Interpretations Reported, DNA Analyzed for Database purposes only.				L8HDML	No	Yes	Yes	No
JVP7KY	No	Yes	Yes	No	L8WVWK	No	Yes	Yes	No
JW8XXP	No	Yes	Yes	No	L9UVZZ	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
LDPW4E	No	Yes	Yes	No	MY24QD	No	Yes	Yes	No
LJF2X4	No	Yes	Yes	No	MZHDP6	No	Yes	Yes	No
LL6DZV	No	Yes	Yes	No	N24BPV	No	Yes	Yes	No
LMCPEB	No	Yes	Yes	No	N3F2XZ	No	Yes	Yes	No
LMDQ7N	No	Yes	Yes	No	NA2WXH	No	Yes	Yes	No
LP6JF2	No	Yes	Yes	No	NEXKKW	No	Yes	Yes	No
LPGFEY	No	Yes	Yes	No	NHK6PZ	No	Yes	Yes	No
LR7M32	No	Yes	Yes	No	NJB8JF	No	Yes	Yes	No
LT4W86	No	Yes	Yes	No	NKL9E3	No	Yes	Yes	No
LU722R	No	Yes	Yes	No	NLUH2T	No Interp	Yes	No Interp	No
LUALQF	No	Yes	Yes	No	NMVDUC	No	Yes	Yes	No
LUXN7J	No	Yes	Yes	No	NNEEJQ	No	Yes	Yes	No
LVAGV6	No	Yes	Yes	No	NPR7AM	No	Yes	Yes	No
LVPYJJ	No	Yes	Yes	No	NQ6HEJ	No	Yes	Yes	No
MAHVD2	No	Yes	Yes	No	NQ88HG	No Interpretations Reported, DNA Analyzed for Database purposes only.			
MCP2ZN	No	Yes	Yes	No	NTQCYQ	No	Yes	Yes	No
MDMJUC	No	Yes	Yes	No	NURBHE	No	Yes	Yes	No
MEA6EM	No	Yes	Yes	No	NV8BU2	No	Yes	Yes	No
MEZ4P8	No	Yes	Yes	No	NVDYM8	No Interpretations Reported, DNA Analyzed for Database purposes only.			
MG3WVY	No	Yes	Yes	No	NW24KE	No	Yes	Yes	No
MJPKYC	No	Yes	Yes	No	NWCW7F	No	Yes	Yes	No
MKK46K	No	Yes	Yes	No	NXLB8U	No	Yes	Yes	No
MLGE39	No	Yes	Yes	No	NZWYXL	No	Yes	Yes	No
MLTBDE	No	Yes	Yes	No	P44YGQ	No	Yes	Yes	No
MPJHRA	No	Yes	Yes	No	P8DMR3	No	Yes	Yes	No
MTUMBW	No	Yes	Yes	No	PAGFL2	No	Yes	Yes	No
MVJUVU	No	Yes	Yes	No	PAHDWW	No	Yes	Yes	No
MVZ8YW	No	Yes	Yes	No	PBEXGB	No	Yes	Yes	No
MXEAFH	No	Yes	Yes	No	PBLAUR	No	Yes	Yes	No
MXWAH8	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
PCJFHD	No	Yes	Yes	No	QVEBW2	No	Yes	Yes	No
PEUH8X	No	Yes	Yes	No	QWBTRB	No	Yes	Yes	No
PGDKW3	No	Yes	Yes	No	QWRZXT	No	Yes	Yes	No
PHJ2YE	No	Yes	Yes	No	QYDNHD	No	Yes	Yes	No
PJMM22	No	Yes	Yes	No	QYPQPK	No	Yes	Yes	No
PLDTE7	No	Yes	Yes	No	QZLUQ9	No	Yes	Yes	No
PN3RYW	No Interpretations Reported, DNA Analyzed for Database purposes only.				R2Q7JT	No	Yes	Yes	No
PQFYLK	Yes	Yes	Yes	Yes	R3EARV	No	Yes	Yes	No
PTU3AU	No	Yes	Yes	No	R6FDCH	No Interpretations Reported, DNA Analyzed for Database purposes only.			
PX7ZEG	No	Yes	Yes	No	R9R6BH	No	Yes	Yes	No
Q4GUHN	No	Yes	Yes	No	RB6NKF	No	Yes	Yes	No
Q4NXKV	No	Yes	Yes	No	RB8MHA	No	Yes	Yes	No
Q8BBF6	No	Yes	Yes	No	REJHZD	No	Yes	Yes	No
Q9HU82	No	Yes	Yes	No	REMV7A	No	Yes	Yes	No
QCFD4R	No	Yes	Yes	No	RFCGA6	No	Yes	Yes	No
QDY3VZ	No	Yes	Yes	No	RNQ4MF	No	Yes	Yes	No
QE22GD	No Interp	No Interp	No Interp	No Interp	RNQCC7	No	Yes	Yes	No
QE8863	No	Yes	Yes	No	RPNEF3	No	Yes	Yes	No
QFZ9ZJ	No	Yes	Yes	No	RQDTKD	No	Yes	Yes	No
QGTBDZ	No	Yes	Yes	No	RUFK4R	No	Yes	Yes	No
QGZZ9E	No	Yes	Yes	No	RV9Q2H	No	Yes	Yes	No
QKEWHU	No	Yes	Yes	No	RWM3Y2	No	Yes	Yes	No
QMPGR6	No	Yes	Yes	No	RWZJ6M	No	Yes	Yes	No
QQ6AHX	No	Yes	Yes	No	RY74U9	No Interp	No Interp	No Interp	No Interp
QQKGR9	No	Yes	Yes	No	RYD46P	No	Yes	Yes	No
QRX492	No	Yes	Yes	No	RZG24J	No	Yes	Yes	No
QV6QFW	No	Yes	Yes	No	T2CYZX	No	Yes	Yes	No
QVDLA4	No	Yes	Yes	No	T2Y9DM	No	Yes	Yes	No
QVE98W	No	Yes	Yes	No	T32AN6	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
T6U322	No	Yes	Yes	No	UKHU3N	No	Yes	Yes	No
T7K8EG	No	Yes	Yes	No	UM8XZ2	No	Yes	Yes	No
T8VZHV	No	Yes	Yes	No	UNM8B3	No	Yes	Yes	No
T9WZJW	No	Yes	Yes	No	UQTJ7V	No	Yes	Yes	No
TA6A88	No	Yes	Yes	No	URQXLN	No	Yes	Yes	No
TC8B7J	No	Yes	Yes	No	UU6TXZ	No	Yes	Yes	No
TDP2UV	No	Yes	Yes	No	UVEZWL	No	Yes	Yes	No
TFCGDQ	No	Yes	Yes	No	UX7TXW	No	Yes	Yes	No
TJ7MHF	Inc	Yes	Inc	No	UYDZCH	No	Yes	Yes	No
TLLVRU	No	Yes	Yes	No	V2J63C	No	Yes	Yes	No
TLUAYA	No	Yes	Yes	No	V2NCRR	No	Yes	Yes	No
TPX2T9	No	Yes	Yes	No	V4CRBM	No	Yes	Yes	No
TQCC4U	No	Yes	Yes	No	V6KV2C	No	Yes	Yes	No
TQZDFR	No	Yes	Yes	No	V6ZJVC	No	Yes	Yes	No
TR9N4U	No	Yes	Yes	No	V937PG	No	Yes	Yes	No
TTDETV	No	Yes	Yes	No	V93EL8	No	Yes	Yes	No
TUDBKE	No	Yes	Yes	No	VAC7QG	No	Yes	Yes	No
TUYP8W	No	Yes	Yes	No	VDEAFH	No	Yes	Yes	No
TV3LDT	No	Yes	Yes	No	VFPR6V	No Interpretations Reported, DNA Analyzed for Database purposes only.			
TX3YQJ	No	Yes	Yes	No	VH84JC	No	Yes	Yes	No
TXBTUR	No	Yes	Yes	No	VMNLW2	No	Yes	Yes	No
TY6MKW	No	Yes	Yes	No	VN29EF	No	Yes	Yes	No
U9BNKM	No	Yes	Yes	No	VRHFU3	No	Yes	Yes	No
U9TXAH	No	Yes	Yes	No	WBGPB	No	Yes	Yes	No
UAGFXG	No	Yes	Yes	No	WIFYW2	No	Yes	Yes	No
UF2B27	No Interpretations Reported, DNA Analyzed for Database purposes only.				VWGG4U	No	Yes	Yes	No
UFJH3G	No	Yes	Yes	No	VXLKN8	No	Yes	Yes	No
UGE29P	No	Yes	Yes	No	VYUMAR	No	Yes	Yes	No
UGKDXL	No	Yes	Yes	No	W467YC	No	Yes	Yes	No

TABLE 7

WebCode	Victim (Item 1)		Suspect (Item 2)		WebCode	Victim (Item 1)		Suspect (Item 2)	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
W4QGAT	No	Yes	Yes	No	XQT2B3	No Interpretations Reported, DNA Analyzed for Database purposes only.			
W7BKD6	No	Yes	Yes	No	XQZ493	No	Yes	Yes	No
W93LLT	No Interpretations Reported, DNA Analyzed for Database purposes only.				XUC7TX	No	Yes	Yes	No
WB3RYY	No	Yes	Yes	No	XVRE9E	No	Yes	Yes	No
WB9YA8	No	Yes	Yes	No	XZNYA4	No	Yes	Yes	No
WCZ3XM	No	Yes	Yes	No	Y32C2P	No	Yes	Yes	No
WD7RQH	No	Yes	Yes	No	Y3NMZY	No	Yes	Yes	No
WHBVDT	No	Yes	Yes	No	Y69PR4	No	Yes	Yes	No
WJNPZT	No	Yes	Yes	No	Y8KBKR	No	Yes	Yes	No
WK9U2B	No	Yes	Yes	No	Y8TLA3	No	Yes	Yes	No
WLLDX2	No	Yes	Yes	No	YGKYBN	No	Yes	Yes	No
WLRCM6	No	Yes	Yes	No	YLGAX9	No	Yes	Yes	No
WLTFXM	No	Yes	Yes	No	YQD6C2	No	Yes	Yes	No
WPKQH7	No Interpretations Reported, DNA Analyzed for Database purposes only.				YQQV8D	No	Yes	Yes	No
WVR7B3	No	Yes	Yes	No	YR62YB	No	Yes	Yes	No
WYNURA	No	Yes	Yes	No	YRX74G	No	Yes	Yes	No
WZ8E39	No	Yes	Yes	No	YTL8HL	No	Yes	Yes	No
X68GYK	No	Yes	Yes	No	YUQ4DA	No	Yes	Yes	No
X8ZB2V	No	Yes	Yes	No	YVQXLU	No	Yes	Yes	No
X8ZBYA	No	Yes	Yes	No	YWG4YZ	No	Yes	Yes	No
XBPKEH	No	Yes	Yes	No	YX6PAM	No	Yes	Yes	No
XCBEV4	No	Yes	Yes	No	YY83JP	No	Yes	Yes	No
XDM8G6	No	Yes	Yes	No	Z37Z73	No	Yes	Yes	No
XFNDVB	No	Yes	Yes	No	Z3JKQK	No	Yes	Yes	No
XGANAC	No	Yes	Yes	No	Z3KJYK	No	Yes	Yes	No
XLLMNQ	No	Yes	Yes	No	Z4ANJR	No	Yes	Yes	No
XMDLPH	No Interpretations Reported, DNA Analyzed for Database purposes only.				Z4YPT4	No	Yes	Yes	No
XN6FQT	No	Yes	Yes	No	Z6PZ64	No	Yes	Yes	No
					Z6V63F	No	Yes	Yes	No

TABLE 7

WebCode	Victim (Item 1)		Suspect (Item 2)		WebCode	Victim (Item 1)		Suspect (Item 2)	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
Z73NP3	No	Yes	Yes	No					
Z8GTG2	No	Yes	Yes	No					
Z8QXNH	No	Yes	Yes	No					
Z9UFYF	No	Yes	Yes	No					
ZBDR9P	No	Yes	Yes	No					
ZBHVD3	No	Yes	Yes	No					
ZF7ME4	No	Yes	Yes	No					
ZFPLF9	No	Yes	Yes	No					
ZG299V	No	Yes	Yes	No					
ZHDCBL	No	Yes	Yes	No					
ZLZTZL	No	Yes	Yes	No					
ZNGWW6	No	Yes	Yes	No					
ZNMEN3	No	Yes	Yes	No					
ZTDM73	No	Yes	Yes	No					
ZU4QQH	No	Yes	Yes	No					
ZUHEN3	No Interpretations Reported, DNA Analyzed for Database purposes only.								
ZV3643	No	Yes	Yes	No					

DNA Interpretation					
Response Summary			Participants reporting DNA results: 594		
<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>1</b>	<b>564</b>	<b>551</b>	<b>1</b>
No		<b>550</b>	<b>0</b>	<b>1</b>	<b>563</b>
Inc		<b>4</b>	<b>0</b>	<b>3</b>	<b>0</b>
No Interpretation		<b>15</b>	<b>7</b>	<b>14</b>	<b>7</b>
No Response		<b>1</b>	<b>0</b>	<b>2</b>	<b>0</b>

Participants analyzing DNA for database purposes only: 23

# Additional Comments

## TABLE 8

WebCode	Additional Comments
24DJUB	NR = No Results. All overlapping loci were concordant (F6C + Yfiler). Screening tests done by Forensic Biology Analyst. [From Table 1 - Serology Screening Results, Item 3: "SH = sperm hyliter"]
264W92	BIOLOGY SCREENING ONLY. The amylase diffusion test is presumptive test for an elevated level of amylase, not saliva. If detected, this may indicate the presence of saliva.
26PBYZ	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. The [Laboratory] does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples.
289HY8	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 acknowledged that some stutter peaks can be recognized as true peaks.
29LY8F	NR/NE = No Results/Not Expected. Mixtures are reported as INC.
2ATKC8	Item 3 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
2BRGD3	Acid phosphatase test for item 4 was inconclusive due to fabric color. ALS for item 3 was inconclusive due to inherent fluorescence in fabric.
2L8JDU	Genotype data was not entered for this proficiency because this analyst is only qualified/authorized to process samples through differential extraction at this time. Additionally, this analyst is qualified to prepare non-differential samples for extraction using an automated workflow. The reference samples were prepared in this manner for this proficiency.
2LXATA	NR = no results. Note: This DNA analyst is not competent in differentials. Therefore, item #3 was not processed.
2QJD87	DYS391 is reported as INC per lab policy for PowerPlex Fusion profiles. Alleles attributed to PCR/STR artifacts were not reported.
2U3BZ3	Results at the DYS391 locus were concordant between Globalfiler and Yfiler Plus for items 2 and 3.
2WV49T	Artifact/True Allele 14 present at locus D18S51 for Item 1 and Item 4. Artifact/True Allele present at D3S1358, CSF1PO, and D8S1179 loci for sperm/substrate fraction of Item 3.
2X6BBL	A possible 24 allele was detected at the FGA locus at a very low level on item 3E.
2YRZAE	NR = No Results. * = locus contains allele(s) below stochastic threshold. [ ] = minor allele. -- = possible allele(s) below analytical threshold. N/A = Not Applicable.
2ZQ7K8	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 acknowledged that some stutter peaks can be recognized as true peaks.
32NNK3	Note: Exhibit 4: A test for the presence of acid phosphatase was inconclusive due to the substrate color.
33BAY7	LCN Yfiler was performed on Item 2. Results were concordant at all overlapping loci.
37BNFU	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 acknowledged that some stutter peaks can be recognized as true peaks.

TABLE 8

WebCode	Additional Comments
393CGP	The Globalfiler kit used to generate the autosomal STR results and the Yfiler Plus kit utilized to generate the Y-STR results overlap at DYS391. The results at this locus between the two kits is the same.
39MBAG	Item 1 and Item 4 were tested using Investigator 24plex QS however no Y-STR results are reported due to being female.
3CXCBY	The Globalfiler amplification results of the Y-STR loci (DYS391 and Y-Indel) for the non-sperm and sperm fractions of item 3 were concordant with the Yfiler Y-STR amplification results.
3H7MJT	Probabilistic genotyping (STRmix) used for data analysis with stutter peaks unfiltered. Alleles comprising genotype combinations with total weightings of 99% or greater reported. NT = not tested. NR = no result obtained.
3LQJ8Y	NR = No Results; ^ = Below stochastic threshold (500 RFUs for GlobalFiler)
3LU2CP	* [17] allele at vWA for Ex 3 sp is an elevated stutter peak and would be modeled using the laboratory's probabilistic genotyping software, per laboratory protocol.
3LUYMK	NR = no result
3QWEJ7	This laboratory does not interpret DNA mixtures.
3WNE7E	NR/NE means no results/not expected. MPU reports mixtures as inconclusive (INC).
3X33HR	Elevated stutter noted (and removed as artefact) in the following samples: item 2 @DYS481, item 3 @D8S1179
3XJ4H9	NR = No Results. Full concordance between Fusion 6C results and Yfiler results at DYS391 for all samples. DNA analyst performed only KM screening test in Part I. A qualified Forensic Biologist performed all other screening tests listed in addition to KM testing.
3YYBXX	For Item 3E and 3SP the GlobalFiler and Y-filer results were reported in the Y-STR section. The results from both kits were concordant where Item 3E obtained a (2) for the Y-indel and (10,11) for DYS391. For Item 3SP both kits obtained a (2) for the Y-indel and (10) for DYS391. No GlobalFiler results were obtained for the Y-indel or DYS391 for Item 4.
446BU2	The following exhibit was inconclusive for the presence of acid phosphatase due to difficulty in accurately detecting a color change as a result of the substrate color: 4Q1.
48WN34	DNA consistent with the suspect was detected in the non-sperm fraction of Item 3, stain from victim's skirt. DNA from an unknown male was detected in the sperm fraction of Item 3, stain from victim's skirt.
4JP8G9	INC at SE33 in Item 3 Sperm fraction indicates locus is deemed inconclusive due to allelic dropout. Re-amplification could not be performed on Item 3 Sperm fraction due to insufficient amount of template. PSA testing was performed on Items 3 and 4 to determine if the samples should proceed as differential or non-differential. Item 3 PSA test result: positive for semen. Item 4 test result: negative for semen.
4KALMY	PowerPlex Y23 sample processing was conducted on the following items: Item 2 and Item 3. Y-STR analysis and interpretation was not conducted.
4L2QWX	The DYS391 results from Yfiler and Globalfiler are concordant for items 3A-4PT NS (10,11) and 3A-4PT SP (10). Yindel results for both samples are from Globalfiler.
4YQUWH	Only serology analysis performed.
63A99H	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modeling for forward and reverse stutter peaks. This approach may result in stutter peaks being included in the DNA results table.
63HJRE	Y-STR not performed on Item 1 or Item 4 because no male DNA detected on quantification. The GlobalFiler results for Yindel and DYS391 are recorded in the Yfiler results table for Items 2,3.

TABLE 8

WebCode	Additional Comments
6CXZQV	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. The [Laboratory] does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples.
6F89VR	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 acknowledged that some stutter peaks can be recognized as true peaks.
6K98NK	[From Table 2 - STR Amplification Kit(s) & Results, Items 1 & 4: "NR = No Result"]
6LEVCA	We have carried out a differential extraction for Item 3, and obtained mixed profile on epithelial fraction(supernatant). Therefore we have filled out the 'Item 3e' result form according to this.
6MWQCN	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 acknowledged that some stutter peaks can be recognized as true peaks.
6Q73W4	Completed serology only, no DNA testing.
6V68W3	Alleles identified as stutter artifacts in single-source profiles will not be reported. Homozygote loci in single-source profiles will be reported by genotype; i.e. the homozygote allele will be listed twice.
6XCJZX	Locus DYS391 was typed in both Y-Filer and GlobalFiler kits. Results at this locus were concordant between both kits.
6ZZ8DY	Y-STR results were concordant at the DYS391 locus between the Yfiler and Fusion 6C kits for all samples tested with both kits
72TEYM	14 allele clicked off as n-2 stutter at D18S51 in the profiles generated from samples 1 and 4.
7EDXH4	Mito not performed at this laboratory.
7XLA4Y	Note/FYI: PBS extraction of item #3 yielded few sperm captured for microscopic analysis during initial exam - curious if fabric is treated in some way which could inhibit sperm release prior to detergent addition.
7YV96U	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. A mixed mtDNA profile was obtained from Item 3 and the data is not reported because there is no validated protocol for the deconvolution of a mixed mtDNA profile. Since Item 3 is not reported, no interpretation can be made between Items 1 & 3 and Items 2 & 3. A differential extraction, designed to separate sperm heads from epithelial cells, was not performed since it cannot separate mtDNA from multiple contributors.
7ZU8N3	The DNA mixture obtained from the non-sperm/e fraction of item 3 showed allele drop out at D1S1656, D10S1248 and D12S391. The male suspect DNA (from item 2) is part of this DNA mixture and does not match the male profile obtained from the sperm fraction of item 3.



TABLE 8

WebCode	Additional Comments
84QDHY	DYS391 (Fusion results) is reported as INC for all samples tested per laboratory policy. A single source DNA profile was obtained from sample "questioned stain from the suspect's shirt". Any peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons. A single source Y-STR DNA profile was obtained from sample "questioned stain from the victim's skirt" (SF). Any peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons. A single source DNA profile was obtained from sample "questioned stain from the victim's skirt" (SF). Any peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons.
89JEKD	Any alleles attributed to PCR/STR artifacts were not reported.
8GCMBW	Item 4: elevated stutter at D21S11 was crossed out as stutter even though it was slightly above our stutter cut-off
8N2A4V	Y-STR results obtained for DYS391 were concordant between Yfiler and Fusion 6C for samples tested. Item 3 E fraction had a peak in the "15" position at D8S1179 that was inconclusive due to possible elevated stutter.
8NFD6M	In Items 1 and 4, D18S51 is being reported as inconclusive: In Item 4, D18S51 DNA results were 12, 14, 14.2 with the 14 peak being 4 RFU above the analytical threshold in the n-2 position of the 14.2 allele. In Item 1, D18S51 DNA results were 12, 14.2 but there is a peak below analytical threshold in the 14 allelic bin. I am unable to clearly identify this peak as either an n-2 artifact or part of a tri-allelic pattern. Since a possible tri-allele cannot be confirmed due to its relative height in the sample, per laboratory policy the locus shall be reported as inconclusive.
8PMWQC	N/T = not tested
97FQ7N	Concordant results were obtained with item 4 for Globalfiler and Minifiler. The non-sperm fraction of item 3 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from a male. No alleles are present in Globalfiler that cannot be attributed to either the suspect or the male donor from the sperm fraction. The 26 at DYS481 for the non-sperm fraction of item 3 (Yfiler Plus) is not attributable to the suspect or the male donor from the sperm fraction. This is possible elevated forward stutter from the 25 allele at this locus.
9P6FWV	[From Table 7 - DNA Interpretations, Item 3: "ec only, sp excluded"]
9QYY6N	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 acknowledged that some stutter peaks can be recognized as true peaks.
9RCH3Z	The additional allele (15) detected at DYS392 for Item 3, EC fraction, is the result of a PCR artifact. This will not be used for comparison or reported. The additional allele (15) detected at D8S1179 for Item 3 SF fraction, is the result of a PCR artifact. This will not be used for comparison or be reported.
9RCMGN	MiniFiler was also used to amplify item 4. The results were concordant with the GlobalFiler results with all matching loci. The non sperm fraction of item 3 is a mixture. This could be due to incomplete separation during the differential extraction procedure or from a non sperm source of DNA. No alleles are present that cannot be attributed to the suspect or the semen donor.
A42YBD	NR = No Result
A8P8RE	NR = No Results
AAMRJQ	NR = no results
ABV7J6	NR = no results
ACWUD3	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 acknowledged that some stutter peaks can be recognized as true peaks.

TABLE 8

WebCode	Additional Comments
ADUCBC	NR = No Result
AFV4LJ	Item 3 was negative for ALS; however AP, Micro, and PSA were all positive for semen. Final result for Item 3 was semen positive. Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for plus and 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 stutter peak being included in the DNA Results tables. The acronym "NR" was used in YSTR locus DYS391 for Item 1 and Item 4 to indicate no reaction occurred at that tested locus.
B89TE9	Possible blood on item 3 was a male mixture which exclude both the suspect and victim. No DNA result was obtained from possible semen on item 3. There is a possibility that the submission analyst submitted the presumptive semen cutting for the blood extraction and the presumptive blood cutting for the semen extraction protocol. This hypothesis would support the finding of no indication of male DNA at QPCR for presumptive positive semen cuttings.
BBKH2J	The laboratory does not report mixtures. Item 3 was seen to yield a profile with at least two contributors. As such Item 3 was not analysed or reported.
BE2QPH	Artifact/true alleles noted in both B5-3 sperm fractions - not included on table because could not determine if they were true alleles.
BJTZLP	NR=No Result. INC=Inconclusive/activity that could not be confirmed as real or artifactual. ^ =allele below stochastic threshold.
BJWHPF	*[13]allele at D5S818 locus and [23] allele at D12S391 locus for Ex 3 sp (F2) are elevated stutter peaks and would be modeled using the laboratory's probabilistic genotyping software, per laboratory protocol.
BMUYW3	1. Item 1 and Item 2 were extracted using the Direct method. 2. Item 3 and Item 4 were extracted using the Chelex method. 3. Quantification for Item 3 and Item 4 were carried out using the Quantifiler Human DNA Quantification kit. 4. Item 1 and Item 2 were amplified using Identifiler Direct STR-kit. 5. Item 3 and Item 4 were amplified using Identifiler Plus STR-kit. 6. Y-STR was carried out for Item 2 and Item 3 using the AmpFiSTR Y-Filer kit. 7. Electrophoresis was carried out using 3130xl Genetic Analyzer. 8. Reagent blank, Positive Control and Negative Control were also incorporated throughout the analysis.
BPX2QX	Y-STR and mitochondrial testing are not performed in this laboratory
C2PQ4P	Locus DYS391 was typed in both YFiler and GlobalFiler kits. Results at this locus were concordant between both kits.
C3XVNZ	Victim (Item 1) not a contributor to Item 3 (excluded but no need for duplication since item 3 belongs to victim). Suspect (Item 2) is a contributor to Item 3 (blood) and is excluded on Item 3 (semen).
C4VG7X	Male Screening (using Plexor HY) was performed on items: Item 3 (01-03-AA) and Item 4 (01-04-AA)
C4ZR9W	NR= No Results
CJU8EH	Minifiler results concordant with Investigator 24-plex results for Item 4. Interpretation proficiency. E-grams supplied to analyst to complete interpretations.
CLQYA8	Item 1, Item 2 and Item 4 were extracted by using Prepfilier Express on Automate Express DNA Extraction System. Item 3 was extracted by using organic extraction for differential extraction. Extracted DNA samples were amplified using Amplified Biosystem AmpFLSTR Identifiler Plus (STR) and Yfiler (STR) kits. Separation and detection of amplified products were performed using Applied Biosystems 3500xL Genetic Analyzer and analysis was carried out by GeneMapper ID-X Software v1.5.
CTBUBC	At D12S391 for item 3e, the (20) represents a possible stutter peak or minor allele.

TABLE 8

WebCode	Additional Comments
D7VW79	A single source DNA profile was obtained from Item 3, sperm cell fraction. Any labeled peaks that are likely due to PCR/STR artifact were not reported and will not be used for comparisons or conclusions. A single source DNA profile was obtained from item 4. Any labeled peaks that are likely due to PCR/STR artifact were not reported and will not be used for comparison or conclusions.
DC3DRG	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 acknowledged that some stutter peaks can be recognized as true peaks.
DDJKXX	NR = no results. Screening tests performed by Forensic biologist. [From Table 1 - Serology Screening Results: " * inc due to reddish brown discoloration of swab tested"]
DHA26H	"Genotype data was not entered for this proficiency because this analyst is only qualified/authorized to process samples through differential extraction at this time. Additionally, this analyst is qualified to prepare non-differential samples for extraction using an automated workflow. The reference samples were prepared in this manner for this proficiency."
DMA3ME	The Globalfiler kit used to generate the autosomal STR results and the Yfiler Plus kit utilized to generate the Y-STR results overlap at DYS391. The results at this locus between the two kits is the same. Stutter filters are established by the laboratory based on validation data and used to filter stutter during examiner analysis. Additionally, the laboratory utilizes a probabilistic genotyping software for data interpretation which models stutter during its probabilistic analysis of the data. Elevated stutter peaks which are above the stutter filters established by the laboratory during the validation may still occur but are handled probabilistically during interpretation by the software. The results for this test do not contain an elevated stutter peak which has been modeled as stutter probabilistically during interpretation at the following locus: D8S1179 allele: 15.
DUZMM7	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 Item 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 Repeats) Genetic Loci was carried out using the AmpFISTR Identifiler Plus PCR Amplification Kit. 5) Amplification of Y-STR (Short Tandem Repeats) 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 Analyzer with GeneMapper ID Software. 7) Reagent blank, positive control and negative control were carried out throughout the analysis.
DV2FME	The Globalfiler kit used to generate the autosomal STR results and the Yfiler Plus kit utilized to generate the Y-STR results overlap at DYS391. The results at this locus between the two kits is the same.
DVUG9G	The probabilistic genotyping software STRmix® was used on this proficiency. We reported out all possible alleles generated in the Genotype Probability Distribution output files.
DXQTCW	[From Table 2 - STR Amplification Kit(s) & Results, Item 1: "NR = no results"]
E8MA77	A single source sample was obtained from item 3, sperm cell fraction. Any labeled peaks that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparisons.
EGWMJU	NR = No result
EJMNMW	Forensic Biology analyst performed serology to determine semen sample. DNA analyst performed KM testing. Concordance @ overlapping Y-STR loci for Yfiler & Fusion 6C.
EQYWX7	Y-STR analysis was not performed on Item 1 because no male DNA was detected using Quantifiler Trio. The GlobalFiler results for Yindel and DYS391 are recorded in the YFiler results table for items 2 and 3. Yfiler results for Item 4 are NR-No Results. Quantifiler Trio results gave a very low T.Y value of .3 picograms per microliter which is why Y-STR analysis was performed.

TABLE 8

WebCode	Additional Comments
ETP4BF	POWERPLEX Y23 SAMPLE PROCESSING CONDUCTED ON THE FOLLOWING ITEMS: 1, 2, and 3. Y-STR ANALYSIS AND INTERPRETATION WAS NOT CONDUCTED. DIRECT AMPLIFICATION WITH POWERPLEX Y-23 CONDUCTED ON FEMALE VICTIM STANDARD (ITEM 1). NO Y-STR HAPLOTYPE OBTAINED AS EXPECTED. FOR SAMPLES 1 AND 4, NR = NO RESULT (DYS391).
EWZBF2	NR/NE = no results/not expected. INC = inconclusive. Missing Persons Unit reports mixtures as INC (inconclusive). Therefore, no interpretation was made between Item 3 to Item 1 and Item 3 to Item 2.
F2W8QD	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 acknowledged that some stutter peaks can be recognized as true peaks.
FB6R9N	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. The [Laboratory] does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples.
FJTM3X	1. Item 1 and Item 2 were extracted using direct method. 2. Item 3 and Item 4 were extracted using chelex method. 3. Quantification for Item 3 and Item 4 were carried out using Quantifiler Human DNA Quantification Kit. 4. Item 1 and Item 2 were amplified using Identifiler Direct STR-Kit. 5. Item 3 and Item 4 were amplified using Identifiler Plus STR-Kit. 6. Y-STR was carried out on Item 2 and Item 3 using AmpFISTR Y-Filer Kit. 7. Electrophoresis was carried out on 3130xL Genetic Analyzer. 8. Reagent blank, positive control and negative control were also incorporated throughout analysis.
FQCZRN	Screening only no DNA interpretation.
FQVWDC	The Globalfiler kit used to generate the autosomal STR results and the Yfiler Plus kit utilized to generate the Y-STR results overlap at DYS391. The results at this locus between the two kits is the same.
FXTNFY	NE/NR means not expected/no results. Missing Persons Unit reports mixtures as inconclusive (INC).
GD8YTD	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for plus and 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 stutter peak being included in the DNA Results tables.
GEUWNX	N/A = not applicable. [ ] = minor allele. * = locus contains allele(s) below stochastic threshold. -- = possible allele(s) below analytical threshold.
GFVN9Y	Item 3 e1 fraction at D3S1358, low-level peak 16 was crossed out since it fell within the stutter percentage for that locus.
GL28CJ	Items 1A-2PT_NS and 1A-1PT_SP were amplified in both Globalfiler and Y-Filer. DYS391 was concordant between both kits.
GR7V4Y	NR/NE means no results/not expected. Missing Persons Unit reports mixtures as inconclusive (INC).
GW3KQD	Exhibit 3 sperm fraction has the 15 allele as elevated stutter at D8S1179
GXR2ND	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 acknowledged that some stutter peaks can be recognized as true peaks. Male screening interpretation, review and report writing was performed during this proficiency cycle.
GY94LD	Blood detected on items 3 and 4 confirmed to be human blood based on ABACard Hematrace test

TABLE 8

WebCode	Additional Comments
H4UJC4	DYS391 is reported as INC for all samples tested per laboratory policy. A single source profile was obtained from Item 3, sperm cell fraction. Any labeled peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons.
HDMUY7	NR = No Result
HF7U4F	Minifiler was also used to amplify item 4. Concordant results were obtained with Globalfiler and Minifiler. The non-sperm fraction of item 3 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the semen donor. No alleles are present that cannot be attributed to either the suspect or the semen donor from the sperm fraction.
HN3N2D	Minifiler was also used to amplify Item 4. Concordant results were obtained at all loci for Globalfiler and Minifiler. The non-sperm fraction of Item 3 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the male. No alleles are present that cannot be attributed to either the suspect or the male donor from the sperm fraction.
HWQKUM	Items 1-2 were processed for STR database purposes. Items 3-4 were not processed for STR analysis. Items 1,2,3, and 4 were processed for Mitochondrial DNA analysis. A serological evaluation was not performed on Items 3 and 4 as it is not necessary to determine the method of processing for mtDNA analysis. A differential extraction, designed to separate sperm heads from epithelial cells, was not performed since it cannot separate mtDNA from multiple contributors. A mixed mtDNA profile was obtained from Item 3 and the data is not reported because there is no validated protocol for the deconvolution of a mixed mtDNA profile. Since Item 3 is not reported, no interpretation can be made.
J33QEE	The non-sperm fraction of item 3 is a mixture. This could be due to incomplete separation during differential extraction or a non-sperm source of DNA from the semen donor. No alleles are present that cannot be attributed to either the suspect or the semen donor from the sperm fraction. Minifiler was also used to amplify item 4. Concordant results were obtained for item 4 with both Globalfiler and Minifiler.
JGY4JM	A known artifact per Promega corporation validation labeled as a 14 allele in GeneMapper ID-X, was observed and removed as an artifact at D18S51 in Item 1 and Item 4.
JHQ3HT	In order to determine whether to take a sample differential or non-differential, Prostate Specific Antigen (PSA) testing was performed by a qualified serologist on items 3.1 and 4.1. Also, the minor in item 3.1 sperm fraction was deemed inconclusive due to the fact that it did not meet our lab's minimum loci requirement for calling an obligate.
JJP6MQ	This laboratory does not perform mitochondrial or Y-STR testing.
JLA4UT	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 acknowledged that some stutter peaks can be recognized as true peaks.
JNYBEP	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 acknowledged that some stutter peaks can be recognized as true peaks.
JPV27Q	Part I Screening Tests performed by Forensic Biology Analyst. KM test performed by both Forensic Biology Analyst and DNA Analyst. Part II DNA Analysis performed by DNA Analyst. NR = No Results.
JW8XXP	MiniFiler was performed on Item 4. Results were concordant at all overlapping loci. Fusion and YFiler testing was performed on Items 2 and 3. Results at DYS391 were concordant between the two kits.

TABLE 8

WebCode	Additional Comments
JWJU3U	1. Item #3 and #4 were screened using ALS prior to DNA extraction. 2. Item #3 was extracted using differential method, followed by QIAamp DNA Investigator Kit. 3. Item #1, #2, and #4 were extracted using QIAamp DNA Investigator Kit extraction method. 4. Extracted DNA was quantified using Quantifiler Human DNA Quantification Kit through 7500 Real Time PCR. 5. Multiplex PCR amplification was performed on all extracted samples using PowerPlex Fusion Systems. 6. Y-STR analysis was performed on item #2 and #3 using PowerPlex Y23 Systems. 7. MtDNA analysis was performed for HV1 and HV2 region for all samples. 8. Capillary electrophoresis was carried out through ABI 3130xl Genetic Analyzer (Applied Biosystems). 9. STR analysis was performed using GeneMapper ID v3.2.1 software, while sequencing analysis was performed using Sequencing Analysis v5.2 software (Applied Biosystems)
K3D63Z	() denotes a possible allele or artifact indistinguishable from stutter
K46ZLM	Any labeled peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons from item 3 (epithelial and sperm cell fractions) and item 4.
KGRCXC	The non-sperm fraction of item 3 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the male. Item 4 was run with Minifiler. Concordant results were obtained for item 4 with Globalfiler and Minifiler.
KGUXMK	Y-indel results for all items are from Globalfiler. DYS391 is in concordance with Globalfiler and Yfiler plus.
KPZRVR	For item 3.0, RSID-Saliva will be reported as inconclusive due to contradictory results.
KTNDCL	DNA from a single contributor was obtained from item 3, sperm cell fraction. Any labeled peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons. A mixture of DNA was obtained from item 3, epithelial cell fraction. Any labeled peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons.
KVN MJH	Suspect is eliminated from the sperm cell fraction of item 3, but could be a contributor to the non-sperm fraction of item 3.
L296CJ	Y Indel results for all samples are from the GlobalFiler amplifications. DYS391 results for Item 1 and Item 4 are also from the GlobalFiler amplifications. DYS391 results for Item 2 and Item 3 were overlapping between the GlobalFiler and Yfiler Plus amplifications.
L7BVQC	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 acknowledged that some stutter peaks can be recognized as true peaks.
L8HDML	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 acknowledged that some stutter peaks can be recognized as true peaks. Minifiler results are concordant with Investigator 24plex STR results. Y-Filer results are concordant with DYS391 locus from the Investigator 24plex kit.
L9UVZZ	NR = No Result
LHJGCP	Male Screening (using Plexor HY) was performed on items 3 and 4.
LT4W86	Item 3 (Epithelial fraction, YSTR): A low-level peak was detected at allele 30 on DYS389-II. As there is no other evidence in either the STR or YSTR profiles to suggest an additional contributor this allele has been omitted from the reported YSTR profile, to be re-amplified for confirmation in line with laboratory guidelines.
LU722R	Item 4 sperm fraction not amplified.
LVAGV6	Suspect (item 2) could be a contributor to Item 3 based on Epithelial fraction. Unknown male contributor present in Item 3 Spermatozoa fraction.

TABLE 8

WebCode	Additional Comments
MCP2ZN	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 acknowledged that some stutter peaks can be recognized as true peaks.
MEA6EM	in item 3 there's a contribute of the suspect (item 2) and of an additional unknown male.
MEZ4P8	The probabilistic genotyping software STRmix was used on this proficiency. We reported out all possible alleles generated in the Genotype Probability Distribution output files.
MG3WVY	Any labelled peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons. For Fusion 5C results, DYS391 is interpreted as INC for all samples tested per laboratory policy.
MJPKYC	On Item 3 (questioned stain, victim skirt) - a differential extraction performed on portion of stain (only obtained partial DNA profile, with some dropout observed; sample reamp'd, partial DNA profile with dropout observed on reamp); a second differential extraction was performed on a second sample from the stain (only one sperm head observed microscopically and obtained partial profile). *SE33 loci (drop-out observed) from the sperm fraction on item 3
MLGE39	"The probabilistic genotyping software STRmix was used on this proficiency. We reported out all possible alleles generated in the Genotype Probability Distribution output files."
MMBCCF	Biology Screening Only. The amylase diffusion test is a presumptive test for the presence of amylase, an enzyme found in body fluids including saliva.
MPJHRA	The probabilistic genotyping software STRmix was used on this proficiency. We reported out all possible alleles generated in the Genotype Probability Distribution output files.
MTUMBW	NR = No Result
MVJUVU	NR = No results at this locus for Items 1 and 4 at YIndel and DYS391.
MVZ8YW	NR = no results detected. NT = locus not tested.
MXWAH8	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.
MZHDP6	STRmix probabilistic genotyping software was used to determine genotype combinations. No stutter filters are used when using this software and it is admitted that some stutter peaks can be recognized as true peaks.
N24BPV	NR = No Results at that loci
N3F2XZ	donor in 3epi mixture consistent with donor of 3sp; 3sp has a single minor allele carry over from epi at D16
NLUH2T	Per [Laboratory] Missing Persons Unit interpretation guidelines, all mixtures are reported as inconclusive; therefore, no interpretation was made between items 1 and 3, and between items 2 and 3. INC = inconclusive. NR/NE = no results/not expected.
NMVDUC	Y-STR results were concordant at the DYS391 locus between the Yfiler and Fusion 6C kits in samples tested.
NNEEJQ	NR=No Results. * = at least one peak was detected below the stochastic threshold (500rfu). N/A= Not Applicable.
NQ6HEJ	In item 3 (epithelial fraction) in locus DYS481 is elevated stutter 26 between alleles 25 and 27. In item 3 is DNA from unknown man. Police Forensic Laboratory [Location]
NURBHE	Item #4 - Presumptive testing indicates the possible presence of blood.

TABLE 8

WebCode	Additional Comments
NV8BU2	Item 3NS => estimated mixture of 71:29. Item 4=> 14 allele at D18S51 detected, but not reported - possibly n-2 or tri-allele - same allele pattern from Item 1 at D18S51 which matches Item 4
NZWYXL	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 acknowledged that some stutter peaks can be recognized as true peaks. Minifiler results are concordant with Investigator 24plex STR results and Y-Filer results are concordant with DYS391 locus from the Investigator 24plex kit.
P44YGQ	NR=No Results
P8DMR3	The Globalfiler kit used to generate the autosomal STR results and the Yfiler Plus kit utilized to generate the Y-STR results overlap at DYS391. The results at this locus between the two kits are the same.
PAHDWW	1 and 4 have a small 14 allele barely above our Laboratory analytical threshold (100 RFU) at D18 that was not included in the data reported. Possible n-2 stutter.
PBEXGB	^ = Allele below stochastic threshold. ** = May be attributable to stutter.
PBLAUR	For Yindel and DYS391, NR = No Results.
PCJFHD	Results for Y-indel are from Globalfiler and results from DYS391 are concordant between Globalfiler and YfilerPlus.
PGDKW3	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.
PJMM22	*[23] allele at D12S391 locus for Ex 3e is an elevated stutter peak and would be modeled using the laboratory's probabilistic genotyping software, per laboratory protocol.
PLDTE7	Item 4 was also amplified using MiniFiler. MiniFiler results were concordant with GlobalFiler results at all matching loci. The non-sperm fraction of item 3 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the semen donor. No alleles are present that cannot be attributed to either the suspect or the semen donor from the sperm fraction.
PTU3AU	The probabilistic genotyping software, STRmix, was used for DNA interpretation.
Q4GUHN	N/A=Not Applicable. NR=No Results. * = locus contains allele(s) below stochastic threshold. { } = imbalanced alleles.
Q9HU82	INC - Inconclusive. In item 1 and item 4 there is a possible tri-allele was detected at D18S51. The possible tri-allele pattern is 12, 14, 14.2. In accordance to laboratory policy due to the height of the possible third peak this locus can not be confirmed, is to be reported out as inconclusive, and not to be used for statistical purposes.
QCFD4R	ABI Minifiler was tested on Item 3 also. The results obtained for both epithelial and sperm fractions were consistent with those tested with Identifiler Plus. Item 3 and Item 4 were extracted using Chelex.
QDY3VZ	The Globalfiler kit used to generate the autosomal STR results and the Yfiler Plus kit utilized to generate the Y-STR results overlap at DYS391. The results at this locus between the two kits is the same.
QFZ9ZJ	Part 1: The AP test conducted on item 4 was inconclusive due to the presence of the reddish-brown staining - a weak positive cannot be ruled out. KM testing was done by both DNA analyst and forensic biologist. Other serological tests were done by forensic biologist. Results from Fusion 6C and YF are concordant at overlapping locus (DYS391). NR = No Results.
QKEWHU	Laboratory policy allows for analyst discretion, based upon training and experience in the selection of screening tests being performed.



TABLE 8

WebCode	Additional Comments
QQKGR9	The non-sperm fraction of item 3 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the male donor from the sperm fraction. No alleles are present that cannot be attributed to either the suspect or the male donor from the sperm fraction.
QRX492	The Globalfiler kit used to generate the autosomal STR results and the Yfiler Plus kit utilized to generate the Y-STR results overlap at DYS391. The results at this locus between the two kits is the same.
QUY67X	BIOLOGY SCREENING ONLY. NO DNA ANALYSIS PERFORMED.
QVDLA4	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for plus and 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 stutter peak being included in the DNA Results tables.
QVEBW2	19 allele at vWA for Exhibit 3 epithelial fraction is an elevated stutter peak. 15 allele at D8S1179 for Exhibit 3 sperm fraction is an elevated stutter peak and would be modeled using the laboratory's probabilistic genotyping software, per laboratory protocol.
QWBTRB	^ = Below laboratory's stochastic threshold. NR = No results.
R2Q7JT	A mixture of DNA was obtained from item 3, stain from the victim's skirt. Any labeled peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons. For sample analyzed in Fusion, DYS391 is reported as INC for all samples tested per laboratory policy. For item 3, epithelial cell fraction, ran in Yfiler, one allele (15) at DYS385 and one allele (14) at DYS393 are not called because the peak present is below the lab's analytical threshold. These alleles are present in item 3 sperm cell fraction and are attributed to a Male Donor A, therefore no further testing was performed to attempt to obtain these allele calls.
RNQCC7	Minifiler was also used to amplify item 4. Concordant results were obtained with item 4 for Globalfiler and Minifiler. The non-sperm fraction of item 3 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the semen donor. No alleles are present that cannot be attributed to either the suspect or the semen donor from the sperm fraction.
RWZJ6M	NA= Not Applicable. NR= No Results. * = locus contains allele(s) below stochastic threshold. [ ] = minor allele.
RZG24J	No STR results obtained for the substrate controls or control swab.
T32AN6	PSA testing was performed on samples to determine if we should take them differential or non differential.
T6U322	Locus D18S51 in items 1 and 4 was determined to be inclusive due to a possible tri-allele pattern of 12, 14, 14.2. Based upon the height of the third peak and the pattern of the peaks per laboratory policy the possible tri-allele cannot be confirmed and therefore shall be reported as inclusive.
T7K8EG	Minifiler was performed on Item 4. The Minifiler results were concordant with the Identifiler Plus results at all overlapping loci.
T8VZHV	Item 3e shows carry-over from 3sp.
TA6A88	Item 3sp shows carry-over from 3epi (21 allele at D12S391)
TC8B7J	1. Item 1 and Item 2 were extracted using direct method. 2. Item 3 and Item 4 were extracted using Chelex method. 3. Quantification for Item 3 and Item 4 were carried out using Quantifiler Human DNA Quantification kit. 4. Item 1 and Item 2 were amplified using Identifiler Direct STR-kit. 5. Item 3 and Item 4 were amplified using Identifiler Plus STR-kit. 6. Y-STR was carried out on Item 2 and Item 3 using AmpFISTR Y-Filer kit. 7. Electrophoresis was carried using 3130XL Genetic Analyzer. 8. Reagent blank, Positive Control and Negative Control were also incorporated throughout the analysis.
TDP2UV	NR = No Result

TABLE 8

WebCode	Additional Comments
TJ7MHF	Item 3 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
TLLVRU	Item 3-SP locus D8S1179 15 allele was labeled "INC" inconclusive due to possible elevated N-1 stutter. No other indications of a second contributor observed in the sample.
TQCC4U	Note: If these were casework results, we would only use major/minor indicators on autosomal loci
TQZDFR	The probabilistic genotyping software, STRmix, was used during DNA interpretation
TUYP8W	NR=No Result
TX3YQJ	Items 3 and 4 were PSA tested to determine the extraction method. Item 3 tested positive for PSA and was extracted as a differential sample. Item 4 tested negative for PSA and was extracted as a non-differential sample. The serology testing is not part of this proficiency test.
TXBTUR	Item 4: Inconclusive allele called at D3S1358; the original call was a 16 allele. Unable to determine if it was a true allele, or an artifact such as N-2 repeat stutter. Item 4: Inconclusive allele called at D18S51; the original call was a 14 allele. Unable to determine if it was a true allele, an amplification artifact, or an artifact such as N-0.5 repeat stutter.
UAGFXG	Item 3 was originally extracted using a swab. Low quantity of DNA obtained, therefore, a cutting of the stain was taken in an effort to obtain more allele calls. Results reported are from cutting. Item 4 was first processed using a swab. A very low level male quant and Yfiler + profile was obtained. As with Item 3, Item 4 was re-extracted using cuttings of stain. Male did not appear in re-extraction, possible swab or tube contaminant. Results reported were from extraction of cutting. Y results for sperm fraction for item 3 were from swab extraction. [From Table 3 - YSTR Amplification Kit(s) & Results, Items 1 & 4: "NR = No Results"]
UFJH3G	No STR results for any of the substrate control samples
UNM8B3	Minifiler was also used to amplify item 4. Concordant results were obtained for item 4 between Globalfiler and Minifiler. The non-sperm fraction of item 3 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the male. No alleles are present that cannot be attributed to either the suspect or the male donor from the sperm fraction.
V2NCRR	Concordant results were obtained at DYS391 for Items 2, 3EP and 3SP using the Yfiler and Fusion 6C kits. The results for DYS576 and DYS570 are from the Fusion 6C kit. A 15 allele was deemed inconclusive (INC) at D8S1179 for Items 3EP and 3SP. The peak may be attributed to either elevated stutter or a possible imbalance tri-allele.
V937PG	Suspect included on blood of item 3; foreign DNA profile obtained - semen of item 3.
VAC7QG	1. Item 1 and Item 2 was directly amplified using Identifiler Direct STR-kit. 2. Item 3 and Item 4 was extracted using the Chelex method. 3. Quantification for Item 3 and Item 4 was carried out using the Quantifiler Human DNA Quantification kit. 4. Item 3 and Item 4 were amplified using Identifiler Plus STR-kit. 5. Y-STR was carried out for Item 2 and Item 3 using the AmpFiSTR Y-Filer kit. 6. Electrophoresis was carried out using 3130xl Genetic Analyzer. 7. Reagent blank, Positive Control and Negative Control were also incorporated throughout the analysis.
VMNLW2	Item 4 was also amplified using MiniFiler®. All alleles were concordant with GlobalFiler®. The non-sperm fraction of item 3 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the male suspect. No alleles are present that cannot be attributed to either the male suspect or the unidentified male individual A from the sperm fraction.
VRHFU3	The non-sperm fraction of item 3 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the male. No alleles are present that cannot be attributed to either the suspect or the unidentified male donor from the sperm fraction with the exception at locus SE33. At SE33, allele "19" is present which can be attributed to high stutter.

TABLE 8

WebCode	Additional Comments
WIFYW2	Concordant results were obtained for MiniFiler and GlobalFiler for item 4. The non-sperm fraction of item 3 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the second male donor. No alleles are present that cannot be attributed to either the suspect or the male donor from the sperm fraction.
VYUMAR	Item 3e shows carry-over from 3sp.
WCZ3XM	Probabilistic genotyping software, STRmix, was used for DNA interpretation.
WD7RQH	NR = no results
WLRCM6	DYS391 results for items 3e and 3sp were concordant in Yfiler and GlobalFiler.
WZ8E39	DYS391 results for Items 2 & 3 using Investigator 24plex and Yfiler are concordant.
X8ZBYA	A mixture of DNA was obtained from stain from victim's skirt, sperm fraction. Any labeled peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons.
XCBEV4	^ = allele below stochastic threshold. NR= No result.
XDM8G6	Presumptive testing (AP) for the presence of seminal fluid was negative in Item 3; however, semen was confirmed with PSA and Micro.
XGANAC	Sexual Assault cases are screened in the Forensic Biology unit prior to being processed in the DNA unit. Samples #3 and #4 were tested and the following results were generated: #3 KM (+), OT (+), Amylase (-), Sperm (+). #4 KM (+), OT (+), Amylase (-), sperm (-). The analyst conducted KM testing with the following results: #3 (KM+), #4 (KM+). Overlap locus between F6C and Y-filer were concordant.
XLLMNQ	NR = No Result
XMDLPH	NE/NR means Not Expected/No Results. Missing Persons unit reports mixtures as inconclusive (INC).
XVRE9E	NR = No results. Results are concordant for Y-File results & Fusion 6C. Screening tests performed by FB analyst (Forensic Biology). [From Table 5 - Mitochondrial DNA - HVRI Results, Items 2 & 3: "No differences"]
Y8KBKR	*[13] allele at locus D16S539 for Exhibit 3 (sperm fraction) is elevated stutter and would be modeled using the laboratory's probabilistic genotyping software, per laboratory protocol.
YGKYBN	3-epi shows carryover from 3-sp
YNM2JU	Male screening interpretation, review, report writing, and robotics was covered in this proficiency test. Male screening was performed on items 3 and 4.
YQD6C2	The DYS391 results from Yfiler and Globalfiler are concordant for items 3A-3PTNS (10,11) and 3A-3PTSP (10).
YR62YB	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 acknowledged that some stutter peaks can be recognized as true peaks.
YRX74G	Identifiler Plus and MiniFiler were performed on Item 3. Results were concordant at all overlapping loci.
YTL8HL	The probabilistic genotyping software, STRmix, was used for DNA interpretation
YUQ4DA	In the Item nr 3 we obtained a mixture of two men ( one of them is Suspect - Item 2).
YWG4YZ	NR = NO RESULTS
Z4YPT4	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.

TABLE 8

WebCode	Additional Comments
Z8FC33	Biological Screening Only. Amylase diffusion is a presumptive test for amylase, an enzyme in bodily fluids, including saliva.
Z8GTG2	^ = Below Stochastic Threshold (500 rfu). Item 3: The 21 allele observed at SE33 may be attributable to stutter.
ZBHVD3	NR= No result. Carry over of non-sperm fraction into sperm fraction (minor alleles) observed for PowerPlex Y23 data for item three at DYS448, DYS438, and DYS385. At DYS385, the minor contributor is below the stochastic threshold. Second allele for minor contributor at DYS385 dropped-out.
ZG299V	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 acknowledged that some stutter peaks can be recognized as true peaks.
ZHDCBL	Item 3 epi shows carry-over from 3 sp.
ZU4QQH	Item 2 - allele call for DYS391 is concordant between Yfiler and PowerPlex Fusion data. Item 3 - allele call for DYS391 is concordant between Yfiler and PowerPlex Fusion data.
ZV3643	DYS391 results concordant between Globalfiler and Yfiler kits

# Appendix: Data Sheet

Collaborative Testing Services ~ Forensic Testing Program

## **Test No. 17-5705: Forensic Biology**

DATA MUST BE RECEIVED BY November 6, 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 sexual assault of a female victim. The victim reported that while leaving her workplace at night, she was attacked by two assailants. Using security camera footage from outside the victim's workplace, investigators were able to identify one of the assailants who was soon apprehended. Police are submitting stains from the skirt collected from the victim (Item 3) and the shirt collected from the suspect (Item 4) along with known blood samples of the victim (Item 1) and suspect (Item 2).

Items Submitted (Sample Pack B5):

- Item 1: Known blood from the female victim
- Item 2: Known blood from the male suspect
- Item 3: Questioned stain from the victim's skirt (pink)
- Item 4: Questioned stain from the suspect's shirt (dark green)

**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
Item 3	Blood	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	KM, O-tol, PTMB
	Semen	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	PSA
	Saliva	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	Other (specify) _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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

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

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

Part II: DNA ANALYSIS

DNA Analysis Instructions:

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

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

<b>Example</b>	D1S1656	D2S1338	D2S441	D3S1358	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 account for loci covered in newer amplifications kits.

Reporting of YSTR alleles generated from primarily autosomal STR multiplex systems.

- 1) Select the amplification kit in the YSTR results section.
- 2) Record your YSTR allele(s) in the YSTR results section.
- 3) If necessary, discuss overlapping loci results in the Additional Comments section.

Additional DNA Results:

Please use the section below to report results only for loci not available on the following pages.

	<b>Item 1</b>	<b>Item 2</b>	<b>Item 3</b>	<b>Item 4</b>
_____	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
_____	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
_____	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
_____	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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

Page 3 of 10

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

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

Identifiler® \_\_\_\_\_
  PowerPlex® \_\_\_\_\_
  Investigator® 24plex \_\_\_\_\_

GlobalFiler™ \_\_\_\_\_
  COfiler®/Profiler Plus® \_\_\_\_\_
  ForenSeq™ Other \_\_\_\_\_

<b>ITEM</b>	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

<b>ITEM</b>	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

<b>ITEM</b>	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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

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

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

Yfiler® \_\_\_\_\_
  PowerPlex® Fusion \_\_\_\_\_
  Investigator® 24plex \_\_\_\_\_

PowerPlex® Y \_\_\_\_\_
  GlobalFiler™ \_\_\_\_\_
  ForenSeq™ Other \_\_\_\_\_

<b>ITEM</b>	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	DYS437
1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

<b>ITEM</b>	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

<b>ITEM</b>	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	Y GATA H4	Y Indel
1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<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 2

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

Identifiler® \_\_\_\_\_
  PowerPlex® \_\_\_\_\_
  Investigator® 24plex \_\_\_\_\_

GlobalFiler™ \_\_\_\_\_
  COfiler®/Profiler Plus® \_\_\_\_\_
  ForenSeq™ Other \_\_\_\_\_

<b>ITEM</b>	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>ITEM</b>	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>ITEM</b>	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>ITEM</b>	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>ITEM</b>	Penta E	SE33	TH01	TPOX	vWA	
2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	

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

Yfiler® \_\_\_\_\_
  PowerPlex® Fusion \_\_\_\_\_
  Investigator® 24plex \_\_\_\_\_

PowerPlex® Y \_\_\_\_\_
  GlobalFiler™ \_\_\_\_\_
  ForenSeq™ Other \_\_\_\_\_

<b>ITEM</b>	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	DYS437	
2	<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"/>	
<b>ITEM</b>	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
2	<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"/>	
<b>ITEM</b>	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	Y GATA H4	Y Indel
2	<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 Questioned Item 3

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

Identifiler® \_\_\_\_\_
  PowerPlex® \_\_\_\_\_
  Investigator® 24plex \_\_\_\_\_

GlobalFiler™ \_\_\_\_\_
  COfiler®/Profiler Plus® \_\_\_\_\_
  ForenSeq™ \_\_\_\_\_
 Other \_\_\_\_\_

<b>ITEM</b>	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>ITEM</b>	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>ITEM</b>	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>ITEM</b>	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>ITEM</b>	Penta E	SE33	TH01	TPOX	vWA	
3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	

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

Yfiler® \_\_\_\_\_
  PowerPlex® Fusion \_\_\_\_\_
  Investigator® 24plex \_\_\_\_\_

PowerPlex® Y \_\_\_\_\_
  GlobalFiler™ \_\_\_\_\_
  ForenSeq™ \_\_\_\_\_
 Other \_\_\_\_\_

<b>ITEM</b>	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	DYS437	
3	<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"/>	
<b>ITEM</b>	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
3	<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"/>	
<b>ITEM</b>	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	Y GATA H4	Y Indel
3	<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 Questioned Item 4

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

Identifiler® \_\_\_\_\_
  PowerPlex® \_\_\_\_\_
  Investigator® 24plex \_\_\_\_\_

GlobalFiler™ \_\_\_\_\_
  COfiler®/Profiler Plus® \_\_\_\_\_
  ForenSeq™ \_\_\_\_\_
 Other \_\_\_\_\_

<b>ITEM</b>	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>ITEM</b>	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>ITEM</b>	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>ITEM</b>	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>ITEM</b>	Penta E	SE33	TH01	TPOX	vWA	
4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	

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

Yfiler® \_\_\_\_\_
  PowerPlex® Fusion \_\_\_\_\_
  Investigator® 24plex \_\_\_\_\_

PowerPlex® Y \_\_\_\_\_
  GlobalFiler™ \_\_\_\_\_
  ForenSeq™ \_\_\_\_\_
 Other \_\_\_\_\_

<b>ITEM</b>	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	DYS437	
4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<b>ITEM</b>	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<b>ITEM</b>	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	Y GATA H4	Y Indel
4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Please return all pages of this data sheet.

*Part II (continued): Mitochondrial Sequencing Results*

List the bases sequenced and base position deviations from the standard Anderson sequence for each item.

		Item 1	Item 2	Item 3	Item 4
Hypervariable Region I (HVR I)	Bases Sequenced				
	Deviations				
Hypervariable Region II (HVR II)	Bases Sequenced				
	Deviations				

If additional space is needed, copy this page or attach your own form following this layout

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

Part III: DNA INTERPRETATION

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

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

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

Part IV: ADDITIONAL COMMENTS

Comments regarding any part of this Forensic Biology Test.

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

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

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<b>Return Instructions:</b> Data must be received via online data entry, fax (please include a cover sheet), or mail by <i>November 06, 2017</i> to be included in the report. Emailed data sheets are not accepted.		ONLINE DATA ENTRY: <a href="http://www.cts-portal.com">www.cts-portal.com</a>
QUESTIONS?		FAX: +1-571-434-1937
TEL: +1-571-434-1925 (8 am - 4:30 pm EST)		MAIL: Collaborative Testing Services, Inc.
EMAIL: <a href="mailto:forensics@cts-interlab.com">forensics@cts-interlab.com</a>		P.O. Box 650820
<a href="http://www.ctsforensics.com">www.ctsforensics.com</a>		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. **17-5705: Forensic Biology**

This release page must be completed and received by **November 6, 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.**