



## **Forensic Biology Test No. 17-5703 Summary Report**

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This proficiency test was sent to 411 participants. Each participant received a sample pack consisting of two known bloodstains and two questioned stains which they were requested to analyze using their existing protocols. Data were returned from 357 participants (87% response rate) and are compiled into the following tables:

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

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

## **Manufacturer's Information**

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

**SAMPLE PREPARATION:** The stains in Items 1, 2, and 3 were prepared from human whole blood which was either drawn into citric acid preservative blood bags or EDTA tubes. The Item 4 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. Item 1 (75  $\mu$ l) was created using blood collected from a single female donor. Items 2 (75  $\mu$ l) and 3 (50  $\mu$ l) were created using blood collected from the same male donor. Item 4 (50  $\mu$ l) was a created using a mixture of blood from the female donor used for Item 1 and semen from the male donor used for Items 2 and 3. Stains from different sources were prepared at separate times and were packaged once they were thoroughly dried. Completed sample sets were stored at -20°C until shipment on April 18, 2017 following receipt of predistribution results.

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

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

## Manufacturer's Information, continued

### Amelogenin and STR Results

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

Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	
<hr style="border-top: 1px dashed #000;"/>						
1	15,17.3	16,17	11,14	16,16	*	9,13
	*	11,13	13,13	*	14,14	19,20
	14,14	13,13	*	12,14	13,13	*
	30.2,31.2	15,16	X,X	11,12	22,24	9,12
	10,15	18,28.2	6,6	8,12	11,19	
<hr style="border-top: 1px dashed #000;"/>						
2	14,16	18,24	10,14	15,17	*	9,12
	*	8,12	13,15	*	15,17	17,19
	11,13	9,13	*	13,15	14,15.2	*
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12	19,34.2	6,9	8,8	16,18	
<hr style="border-top: 1px dashed #000;"/>						
3	14,16	18,24	10,14	15,17	*	9,12
	*	8,12	13,15	*	15,17	17,19
	11,13	9,13	*	13,15	14,15.2	*
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12	19,34.2	6,9	8,8	16,18	
<hr style="border-top: 1px dashed #000;"/>						
4-Blood	15,17.3	16,17	11,14	16,16	*	9,13
	*	11,13	13,13	*	14,14	19,20
	14,14	13,13	*	12,14	13,13	*
	30.2,31.2	15,16	X,X	11,12	22,24	9,12
	10,15	18,28.2	6,6	8,12	11,19	
<hr style="border-top: 1px dashed #000;"/>						
4-Semen	14,16	18,24	10,14	15,17	*	9,12
	*	8,12	13,15	*	15,17	17,19
	11,13	9,13	*	13,15	14,15.2	*
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12	19,34.2	6,9	8,8	16,18	

### YSTR Results

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

Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel
<hr style="border-top: 1px dashed #000;"/>											
2	38,38	15	14,15	13	30	22	10	11	14	16	
	10	11	22	30	16	16	10	22	*	37	
	*	9	12	19	16	*	19	22	11	12	2
<hr style="border-top: 1px dashed #000;"/>											
3	38,38	15	14,15	13	30	22	10	11	14	16	
	10	11	22	30	16	16	10	22	*	37	
	*	9	12	19	16	*	19	22	11	12	2
<hr style="border-top: 1px dashed #000;"/>											
4-Semen	38,38	15	14,15	13	30	22	10	11	14	16	
	10	11	22	30	16	16	10	22	*	37	
	*	9	12	19	16	*	19	22	11	12	2

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

## Summary Comments

The 17-5703 Forensic Biology test was designed to allow participants to assess their proficiency in the identification and comparison of dried stains by means of body fluid screening and/or DNA profiling. Participants were supplied with two "known" bloodstains (Items 1 and 2) and two "questioned" stains (Items 3 and 4). Item 1 was created using blood collected from a female donor. Items 2 and 3 were each created using blood collected from the same male donor. Item 4 was a mixture containing blood from the Item 1 female donor and semen from the same male donor used to create Items 2 and 3. (See Manufacturer's Information for preparation details)

Data were returned by a total of 357 participants, of these, 342 reported serology results, and 348 reported DNA results.

### Screening Test Results:

For Item 3, all 340 who returned results for Blood reported "Positive". All 311 that returned results for Semen reported "Negative". All 93 that returned results for Saliva reported "Negative".

For Item 4, all 340 who returned results for Blood reported "Positive". For the presence of Semen, 325 reported "Positive", while one reported "Negative" and another reported "Inconclusive". All 97 that returned results for Saliva reported "Negative".

### DNA Analysis Results

Of the 348 participants that returned DNA results, nine did not report any DNA interpretations. Of these, seven participants stated that they analyzed samples for database purposes only.

For the Item 3 stain, all 337 participants excluded the victim (Item 1), while two participants offered no comparison interpretations between Item 1 and Item 3. There were 339 that included the suspect (Item 2) as a contributor to the stain.

For the Item 4 stain, there were 333 that included the victim (Item 1) as a possible contributor, while two offered no comparison interpretations between Item 1 and Item 4, three excluded the suspect, and one was inconclusive. There were 339 that included the suspect (Item 2) as a possible contributor to this stain.

There were 15 participants that reported allelic results that differed from the consensus/predistribution results. Of these, six reported inconsistent alleles at one or more loci, five reported additional alleles at one or more loci, and two reported missing alleles at one or more loci. There was one participant that reported a combination of inconsistent alleles at one locus and additional alleles at another locus. Another participant reported inconsistent alleles at one locus and was missing alleles at other loci.

Seventeen participants either reported and/or mentioned in their additional comments section the discovery of an additional allele peak at locus SE33 for the donor used in Items 2, 3 and 4sp. Eight of these participants reported "INC" for this peak and stated in their additional comments that it was either N-1 elevated stutter or a tri-allele. Four participants reported "33.2" at this locus for Item 4 or 4sp with one describing this peak as elevated stutter. Five participants did not report this additional peak with their autosomal DNA results but did discuss that a possible stutter peak of 33.2 was identified for Items 3, 4e and/or 4sp.

## 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
22LKJ2				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
23KHZP				
Item 3	Pos KM, HemaTrace	Neg AP	NT	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT	
2A38HX				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
2HGTQ2				
Item 3	Pos O-tol	Neg AP	Neg Phadebas	
Item 4	Pos O-tol	Pos AP, Micro	Neg Phadebas	
2J6BL8				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, PSA	NT	
2KLF7Q				
Item 3	Pos Phenolphthalein	Neg BCIP	NT	
Item 4	Pos Phenolphthalein	Pos BCIP, p30, Micro	Neg Phadebas	
2PCVQR				
Item 3	Pos LMG	Neg AP	NT	
Item 4	Pos LMG	Pos AP, Micro	NT	
2Q8C8V				
Item 3	Pos KM	Neg ALS, BCIP	NT	
Item 4	Pos KM	Pos ALS, BCIP, p30, Micro	Neg Phadebas	
2RGRT8				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
2X8XVN				
Item 3	Pos KM, HemaTrace	Neg AP, Micro (CT), PSA (inc) - due to RB stain	Neg Phadebas	
Item 4	Pos O-tol, RSID-Blood	Pos AP, Micro (SH)	NT	Urine, Neg RSID-Urine

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
32LTD8					
	Item 3	Pos LMG, HemaTrace	NT	NT	
	Item 4	Pos LMG, HemaTrace	Pos AP, PSA, Micro	NT	
33DXJY					
	Item 3	Pos KM	Neg AP	NT	
	Item 4	Pos KM	Pos AP, Micro	NT	
34RKW8					
	Item 3	Pos KM	Neg AP, Micro	NT	
	Item 4	Pos KM	Pos AP, Micro	NT	
37DDP2					
	Item 3	Pos LMG	Neg AP	NT	
	Item 4	Pos LMG	Pos AP, Micro	NT	
389PV3					
	Item 3	Pos KM	Neg AP, Micro	NT	
	Item 4	Pos KM	Pos AP, Micro	NT	
3ACKCK					
	Item 3	Pos KM, Hemastix	Neg AP, PSA, Micro		
	Item 4	Pos KM, Hemastix	Pos AP, PSA, Micro		
3DUMG6					
	Item 3	Pos KM, HemaTrace	Neg AP	Neg RSID	
	Item 4	Pos KM, HemaTrace	Pos AP, Micro	Neg RSID	
3RE3K4					
	Item 3	Pos KM, HemaTrace	Neg AP, PSA	Neg RSID	
	Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg RSID	
3WQ3NM					
	Item 3	Pos KM, HemaTrace	Neg AP	NT	
	Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT	
3YZBVL					
	Item 3	Pos KM, RSID	Neg AP, p30, Micro	Neg Amylase	
	Item 4	Pos KM, RSID	Pos AP, p30, Micro (Sperm-hyghter)	Neg Amylase	RSID-Urine, Neg RSID
3ZPENT					
	Item 3	Pos color, ppth, O-tol	Neg AP, Micro	NT	
	Item 4	Pos color, ppth, O-tol	Pos AP, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
43AU7Z					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
43QYQJ					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Pos AP, Micro, PSA	NT	
44874N					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro	Neg RSID	
44LKKB					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Pos ALS, AP, Micro	NT	
44NBN8					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
46DN66					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
46Y2QW					
Item 3	Pos	PTMB	Neg AP	NT	Human Origin, Pos QF
Item 4	Pos	PTMB	Pos AP, Micro	NT	Human Origin, Pos QF
4HKGUW					
Item 3	Pos	O-tol, HemaTrace	Neg AP	NT	
Item 4	Pos	O-tol	Pos AP, PSA	NT	
4JJGX3					
Item 3	Pos	LMG, HemaTrace	Neg ALS, AP, PSA	NT	
Item 4	Pos	LMG, HemaTrace	Pos ALS, AP, PSA		
4Q4TXP					
Item 3	Pos	Phenolphthalein, HemaTrace	Neg BCIP	Neg Phadebas	
Item 4	Pos	Phenolphthalein, HemaTrace	Pos BCIP, p30, Micro	Neg Phadebas	
4QMERZ					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Pos AP, Micro, PSA	NT	



TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
4RDPG9					
	Item 3	Pos HemaTrace	Neg ALS	NT	
	Item 4	Pos HemaTrace	Pos ALS, PSA, Micro	NT	
4WCW7C					
	Item 3	Pos KM	Neg ALS, AP	NT	
	Item 4	Pos KM	Pos ALS, AP, Micro	NT	
4XK7YA					
	Item 3	Pos KM	Neg AP	NT	
	Item 4	Pos KM	Pos AP, Micro, PSA	NT	
4YAJE7					
	Item 3	Pos KM	Neg AP, Micro	NT	
	Item 4	Pos KM	Pos AP, Micro	NT	
62UT2D					
	Item 3	Pos KM	Neg AP, Micro	Neg Phadebas	
	Item 4	Pos KM	Pos AP, Micro	Neg Phadebas	
62ZVZX					
	Item 3	Pos O-tol	Neg AP	NT	
	Item 4	Pos O-tol	Pos AP, Micro	NT	
68LZKL					
	Item 3	Pos KM, HemDirect	Neg ALS	NT	
	Item 4	Pos KM, HemDirect	Pos AP, Micro, ALS		
6DV8AQ					
	Item 3	Pos LMG, HemaTrace	Neg ALS, AP, p30	NT	
	Item 4	Pos LMG, HemaTrace	Pos ALS, AP, p30	NT	
6ERPFF					
	Item 3	Pos O-tol, Seratec HemDirect	Neg AP, Seratec PSA, Micro	Neg Seratec alpha-Amylase	
	Item 4	Pos O-tol, Seratec HemDirect	Pos AP, Seratec PSA, Micro	Neg Seratec alpha-Amylase	
6FURPA					
	Item 3	Pos LMG	NT	NT	
	Item 4	Pos LMG	Pos AP, MicroSCOPY		
6HMGFH					
	Item 3	Pos KM, ABACard HemaTrace	Neg AP	Neg Phadebas Press	
	Item 4	Pos KM, ABACard HemaTrace	Pos AP, PSA	Neg Phadebas Press	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
6HN9C6					
Item 3	Pos	LMG, HemaTrace	Neg	ALS, AP	NT
Item 4	Pos	LMG, HemaTrace	Pos	ALS, AP, PSA, Micro	NT
6KQAAG					
Item 3	Pos	KM	Neg	ALS, FBB	NT
Item 4	Pos	KM	Pos	ALS, FBB, PSA	NT
6LYFKV					
Item 3	Pos	Hemastix, FOB test	NT		NT
Item 4	Pos	Hemastix, FOB test	Pos	PSA	NT
6MU6TJ					
Item 3	Pos	KM			
Item 4	Pos	KM			
6NELDT					
Item 3	Pos	Phenolphthalein	Neg	BCIP	NT
Item 4	Pos	Phenolphthalein	Pos	BCIP, p30, Micro	Neg Phadebas
6TJHWT					
Item 3	Pos	HemaTrace, Hemident	Neg	p30, Sperm Hy-liter Express	NT
Item 4	Pos	HemaTrace, Hemident	Pos	p30, Sperm Hy-liter Express	NT
6WNBQQ					
Item 3	Pos	KM, HemaTrace	Neg	BCIP	Neg Phadebas
Item 4	Pos	KM, HemaTrace	Pos	BCIP, p30, Micro	Neg Phadebas
6Z7B78					
Item 3	Pos	LMG, HemaTrace	Neg	AP	NT
Item 4	Pos	LMG, HemaTrace	Pos	AP, Micro, PSA	NT
74X2R9					
Item 3	Pos	KM	Neg	ALS, AP	NT
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT
77M6KF					
Item 3	Pos	KM, HemDirect	Neg	AP, PSA	NT
Item 4	Pos	KM, HemDirect	Pos	AP, PSA, Micro	NT
7A2UUQ					
Item 3	Pos	LMG, HemaTrace	Neg	AP, PSA, Micro	NT
Item 4	Pos	LMG, HemaTrace	Pos	AP, PSA, Micro	NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
7HYKGM					
Item 3	Pos	KM	Neg AP	NT	Human Origin, Pos PlexorHY
Item 4	Pos	KM	Pos AP, Micro, PSA	NT	Human Origin, Pos PlexorHY
7QUKVF					
Item 3	Pos	Hemastix	NT	NT	
Item 4	Pos	Hemastix	Pos AP, ALS, Micro	NT	
7XTABX					
Item 3	Pos	KM, HemaTrace	Neg AP	Neg RSID	
Item 4	Pos	KM, HemaTrace	Pos AP, Micro	Neg RSID	
7YK8NW					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
88WL9D					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP, Micro	NT	
Item 4	Pos	KM, HemaTrace	Pos ALS, AP, Micro	NT	
8BEUHY					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Pos AP, Micro, PSA		
8BU8UN					
Item 3	Pos	LMG	Neg AP, Micro, PSA	NT	
Item 4	Pos	LMG	Pos AP, Micro, PSA	NT	
8C9FCP					
Item 3	Pos	KM, HemaTrace	Neg BCIP	NT	
Item 4	Pos	KM, HemaTrace	Pos BCIP, p30, Micro	NT	
8EVYDM					
Item 3	Pos	LMG	Neg ALS, AP	NT	
Item 4	Pos	LMG	Pos ALS, AP, Micro	NT	
8LUXFW					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
8LVNNZ					
Item 3	Pos	KM	Neg AP, PSA, Micro	Neg Phad	
Item 4	Pos	KM	Pos AP, PSA, Micro	Neg Phad	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
8VMWG4					
	Item 3	Pos LMG, HemaTrace	Neg AP	NT	
	Item 4	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	
8YNXJL					
	Item 3	Pos Phenolphthalein	Neg BCIP	NT	
	Item 4	Pos Phenolphthalein	Pos BCIP, p30, Micro	NT	
8YZTUR					
	Item 3	Pos Hemastix	Neg Brentamine	NT	Hair, Neg No presumptive test, visual inspection
	Item 4	Pos Hemastix	Pos Brentamine	NT	Hair, Neg No presumptive test, visual inspection
94RBQH					
	Item 3	Pos KM, Takayama, HemaTrace	Neg AP	Neg RSID-Saliva	Human Origin, Pos Plexor H/Y Quant
	Item 4	Pos KM, Takayama	Pos AP, Micro, p30	NT	Human Origin, Pos Plexor H/Y Quant
9AVEH3					
	Item 3	Pos KM	Neg AP	NT	
	Item 4	Pos KM	Pos AP, Micro	NT	
9DVRYZ					
	Item 3	Pos LMG, HemaTrace	Neg ALS, AP	NT	
	Item 4	Pos LMG, HemaTrace	Pos ALS, AP, Micro, PSA	NT	
9EZZLA					
	Item 3	NT	Neg PSA	NT	
	Item 4	NT	Pos PSA	NT	
9GU28G					
	Item 3	Pos KM, Takayama, HemaTrace	Neg AP, ALS	Neg Phadebas	Human Origin, Pos Plexor HY, HemaTrace
	Item 4	Pos KM, Takayama	Pos AP, Micro, PSA, ALS	NT	Human Origin, Pos Plexor HY
9KFQTE					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	Pos AP, Micro	NT	
9M6XDC					
	Item 3	Pos RSID-Blood	Neg RSID-Semen	NT	
	Item 4	Pos RSID-Blood	Pos RSID-Semen	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
9MMWJM					
	Item 3	Pos LMG, HemaTrace	Neg ALS, AP	NT	
	Item 4	Pos LMG, HemaTrace	Pos ALS, AP, PSA	NT	
9MPQYL					
	Item 3	Pos LMG	Neg AP	NT	
	Item 4	Pos LMG	Pos AP, Micro	NT	
9TAWMF					
	Item 3	Pos KM, HemaTrace	Neg AP	NT	Human Origin, Pos HemaTrace, Plexor HY
	Item 4	Pos KM, Takayama	Pos AP, Micro, PSA	Neg RSID	Human Origin, Pos Plexor HY
9TUH8J					
	Item 3	Pos KM	Neg BCIP		
	Item 4	Pos KM	Pos BCIP, p30, Micro		
9VG6Z8					
	Item 3	Pos O-tol	Neg AP	NT	
	Item 4	Pos O-tol	Inc AP	NT	
9YVMBW					
	Item 3	Pos KM, HemaTrace	Neg ALS, AP, PSA	Neg SAlIgAE	
	Item 4	Pos KM, HemaTrace	Pos ALS, AP, PSA, Micro	Neg SAlIgAE	
9ZQ8ZG					
	Item 3	Pos KM, HemaTrace	Neg AP	Neg Phadebas	Human Origin, Pos Plexor HY, HemaTrace
	Item 4	Pos KM, Takayama	Pos AP, Micro, PSA	Neg RSID	Human Origin, Pos Plexor HY
A7VE4Q					
	Item 3	Pos TMB (Hemastix) & HemaTrace	Neg ALS & AP	NT	
	Item 4	Pos TMB (Hemastix) & HemaTrace	Pos ALS, AP, PSA, & Micro	NT	
AAG4N4					
	Item 3	Pos KM	Neg ALS, AP	NT	
	Item 4	Pos KM	Pos ALS, AP, Micro	NT	
AEM72J					
	Item 3	Pos KM and HemaTrace	Neg AP	Neg RSID	
	Item 4	Pos KM and HemaTrace	Pos p30 and Micro	Neg RSID	
AENR26					
	Item 3	Pos KM	Neg ALS, AP	NT	
	Item 4	Pos KM	Pos ALS, AP, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
AFZQXZ					
Item 3	Pos	LMG, HemaTrace	NT	NT	
Item 4	Pos	LMG, HemaTrace	Pos AP, p30, KPIC	NT	
AKWDQN					
Item 3	Pos	Hemident, HemaTrace	Neg ABACard p30, Micro	NT	
Item 4	Pos	Hemident, HemaTrace	Pos ABACard p30, Micro	NT	
AKXYHA					
Item 3	NT		Neg PSA	Neg RSID	Male DNA, Pos Y-screening
Item 4	NT		Pos PSA	Neg RSID	Male DNA, Pos Y-screening
AMHYJB					
Item 3	Pos	KM	Neg AP, ALS, , PSA, Micro	NT	
Item 4	Pos	KM	Pos AP, ALS, , PSA, Micro	NT	
ARVQMW					
Item 3	Pos	KM, HemaTrace	Neg AP		
Item 4	Pos	KM, HemaTrace	Pos AP, Micro	Neg RSID	
AT9AUA					
Item 3	Pos	KM, ABACard HemaTrace	Neg AP	Neg Phadebas Press	
Item 4	Pos	KM, ABACard HemaTrace	Pos AP, PSA	Neg Phadebas Press	
AVEUGA					
Item 3	Pos	KM, ABACard	Neg AP	Neg Phad	
Item 4	Pos	KM, ABACard	Pos AP, p30	Neg Phad	
AXD2VR					
Item 3	Pos	hemochromogen	Neg AP	NT	
Item 4	Pos	hemochromogen	Pos AP, Micro	NT	
AXGGBD					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
AYWUYA					
Item 3	Pos	Hemastix, HemaTrace	Neg AP, PSA	Neg RSID	
Item 4	Pos	Hemastix, HemaTrace	Pos AP, PSA	Neg RSID	
B2HX88					
Item 3	Pos	O-tol, HemaTrace	Neg AP	NT	Human, Pos HemaTrace
Item 4	Pos	O-tol, HemaTrace	Pos AP, Micro	NT	Human, Pos HemaTrace

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
<b>B37G3D</b>						
Item 3	Pos	Visual, KM	NT	Neg	Phadebas screen	
Item 4	Pos	Visual, KM	Pos	AP, Micro	NT	Urine and faeces, Neg Visual/odour
<b>B4FLF3</b>						
Item 3	Pos	KM	Neg	AP, ALS	NT	
Item 4	Pos	KM	Pos	AP, Micro, ALS	NT	
<b>B6XPXZ</b>						
Item 3	Pos	KM	Neg	AP	NT	
Item 4	Pos	KM	Pos	AP, Micro, PSA	NT	
<b>B77RZY</b>						
Item 3	Pos	KM	Neg	AP, Micro	NT	
Item 4	Pos	KM	Pos	AP, Micro	NT	
<b>B8ZHZL</b>						
Item 3	Pos	Hemastix, HemaTrace	Neg	AP	NT	
Item 4	Pos	Hemastix, HemaTrace	Pos	AP, Micro	NT	
<b>B9WQEX</b>						
Item 3	Pos	KM	Neg	AP, Micro, PSA	Neg	Phadebas
Item 4	Pos	KM	Pos	AP, Micro, PSA	Neg	Phadebas
<b>BAQLTT</b>						
Item 3	Pos	LMG, HemaTrace	Neg	AP, Micro, PSA, ALS	Neg	Amylase
Item 4	Pos	LMG, HemaTrace	Pos	AP, Micro, PSA, ALS	Neg	Amylase
<b>BD4J4M</b>						
Item 3	Pos	KM, HemaTrace	Neg	AP	NT	
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	NT	
<b>BE8UBQ</b>						
Item 3	Pos	Hemident, HemaTrace	Neg	ALS, p30, Micro	NT	
Item 4	Pos	Hemident, HemaTrace	Pos	ALS, p30, Micro	NT	
<b>BG8FPB</b>						
Item 3	Pos	KM	Neg	ALS, AP	NT	
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT	
<b>BHXHCQ</b>						
Item 3	Pos	KM	NT		NT	
Item 4	Pos	KM	Pos	AP, PSA	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
BUXZEE					
Item 3	Pos	KM, RSID-Blood	Neg	Micro (CT stain), p30	Neg Phadebas
Item 4	Pos	KM, RSID-Blood	Pos	AP, Micro (Sperm-hyliter stain), p30	Neg Phadebas Urine, Neg RSID-urine
BWY34F					
Item 3	Pos	KM, HemaTrace	NT		NT
Item 4	Pos	KM, HemaTrace	NT		NT
C97FRU					
Item 3	Pos	LMG, HemaTrace	Neg	ALS, AP, PSA	NT
Item 4	Pos	LMG, HemaTrace	Pos	ALS, AP, PSA	NT
CHHCWZ					
Item 3	Pos	KM	Neg	AP, Micro	Neg Phadebas
Item 4	Pos	KM	Pos	AP, Micro	Neg Phadebas
CJB8J9					
Item 3	Pos	KM, HemaTrace	Neg	AP, Micro, ALS	NT
Item 4	Pos	KM, HemaTrace	Pos	AP, Micro, ALS	NT
CMP32R					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP, Micro	NT
CNPW7R					
Item 3	Pos	LMG, HemaTrace	Neg	AP	NT
Item 4	Pos	LMG, HemaTrace	Pos	AP, Micro, PSA	NT
CV7G6W					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP, PSA	NT
D32WBF					
Item 3	Pos	O-tol	Neg	AP, Micro	Neg RSID-Saliva
Item 4	Pos	O-tol	Pos	AP, Micro	Neg RSID-Saliva
DC9HDP					
Item 3	Pos	O-tol	Neg	AP	NT
Item 4	Pos	O-tol	Pos	AP	NT
DDYU22					
Item 3	Pos	KM	Neg	ALS, AP	NT
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT



TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
DEEZE7					
	Item 3	Pos HemaTrace, KM	Neg PSA	Neg RSID	Male DNA, Pos Y-Screening
	Item 4	Pos HemaTrace, KM	Pos PSA	Neg RSID	Male DNA, Pos Y-Screening
DNJ7CE					
	Item 3	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
	Item 4	Pos KM, HemaTrace	Pos AP, Micro, PSA	Neg Phadebas	
DQ9DWB					
	Item 3	Pos KM, HB	Neg AP, PSA	NT	
	Item 4	Pos KM, HB	Pos AP, Micro, PSA	NT	
DU63UA					
	Item 3	Pos KM	Neg AP	NT	
	Item 4	Pos KM	Pos AP, PSA, Micro	NT	
DVW7GP					
	Item 3	Pos LMG, Ouchterlony (anti-HuHb)	Neg AP, PSA, Micro	Neg Amylase	
	Item 4	Pos LMG, Ouchterlony (anti-HuHb)	Pos AP, PSA, Micro	Neg Amylase	
DYZWQP					
	Item 3	Pos KM	Neg AP, Micro	NT	
	Item 4	Pos KM	Pos AP, Micro	NT	
E2KWUC					
	Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
	Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
E7D7VX					
	Item 3	Pos KM	Neg AP, Micro	Neg Phadebas	
	Item 4	Pos KM	Pos AP, Micro	Neg Phadebas	
E7GVXA					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	Pos AP, Micro		
EB83H4					
	Item 3	Pos PTMB			
	Item 4	Pos PTMB	Pos PSA		
EBTQN6					
	Item 3	Pos KM, HemaTrace	Neg AP	NT	
	Item 4	Pos KM, HemaTrace	Pos AP, Microscopy, RSID-Semen	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
<b>EFMNFG</b>					
Item 3	<b>Pos</b>	LMG, HemaTrace	<b>Neg</b> ALS, AP	<b>NT</b>	
Item 4	<b>Pos</b>	LMG, HemaTrace	<b>Pos</b> ALS, AP, PSA	<b>NT</b>	
<b>EHA34Q</b>					
Item 3	<b>Pos</b>	HemDirect	<b>Neg</b> ALS, PSA, Micro	<b>NT</b>	
Item 4	<b>Pos</b>	HemDirect	<b>Pos</b> ALS, PSA, Micro	<b>NT</b>	
<b>EM63XT</b>					
Item 3	<b>Pos</b>	KM	<b>Neg</b> AP, PSA, Micro	<b>Neg</b> Phadebas	
Item 4	<b>Pos</b>	KM	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> Phadebas	
<b>ENYKKN</b>					
Item 3	<b>Pos</b>	Hemident, HemaTrace	<b>Neg</b> Abacard p30, Sperm Hy-Liter	<b>NT</b>	
Item 4	<b>Pos</b>	Hemident, HemaTrace	<b>Pos</b> Abacard p30, Sperm Hy-Liter	<b>NT</b>	
<b>EPTHL3</b>					
Item 3	<b>Pos</b>	KM	<b>Neg</b> AP, ALS	<b>NT</b>	
Item 4	<b>Pos</b>	KM	<b>Pos</b> AP, Micro, PSA, ALS	<b>NT</b>	
<b>ETND3G</b>					
Item 3	<b>Pos</b>	Hemastix	<b>Neg</b> Brentamine	<b>NT</b>	<b>Possible Hair, Neg</b> Visual Inspection
Item 4	<b>Pos</b>	Hemastix	<b>Pos</b> Brentamine	<b>NT</b>	<b>Possible Hair, Neg</b> Visual Inspection
<b>EV4LN6</b>					
Item 3	<b>Pos</b>	O-toI, HemDirect	<b>Neg</b> ALS, AP, PSA, Micro	<b>Neg</b> ALS, Alpha-Amylase, Amylase Diffusion	
Item 4	<b>Pos</b>	O-toI, HemDirect	<b>Pos</b> ALS, AP, PSA, Micro	<b>Neg</b> ALS, Alpha-Amylase, Amylase Diffusion	
<b>EVDH2F</b>					
Item 3	<b>Pos</b>	KM, HemaTrace	<b>Neg</b> p30	<b>Neg</b> RSID	
Item 4	<b>Pos</b>	KM, HemaTrace	<b>Pos</b> p30, Micro	<b>Neg</b> RSID	
<b>EZ8ACX</b>					
Item 3	<b>Pos</b>	KM	<b>Neg</b> AP	<b>NT</b>	
Item 4	<b>Pos</b>	KM	<b>Pos</b> AP, Micro	<b>NT</b>	
<b>F7AVLC</b>					
Item 3	<b>Pos</b>	KM, HemaTrace	<b>Neg</b> AP, PSA, Micro	<b>Neg</b> Phadebas	
Item 4	<b>Pos</b>	KM, HemaTrace	<b>Pos</b> AP, PSA, Micro	<b>Neg</b> Phadebas	
<b>F82Y78</b>					
Item 3	<b>Pos</b>	KM, Hemastix, HemaTrace	<b>Neg</b> AP, PSA		
Item 4	<b>Pos</b>	KM, Hemastix, HemaTrace	<b>Pos</b> AP, PSA, Micro		

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
F9JZY2					
	Item 3	Pos KM	Neg AP	NT	
	Item 4	Pos KM	Pos AP, Micro	NT	
FBA8JX					
	Item 3	Pos KM	Neg ALS, AP	NT	
	Item 4	Pos KM	Pos ALS, AP, Micro	NT	
FDYE4U					
	Item 3	Pos LMG, HT	NT	NT	
	Item 4	Pos LMG	Pos ALS, AP, p30, KPIC	NT	
FE7XGW					
	Item 3	Pos O-tol	Neg AP, Micro	Neg SeraTec Amylase Card	
	Item 4	Pos O-tol	Pos AP, Micro, PSA	Neg SeraTec Amylase Card	
FJKBNB					
	Item 3	Pos KM, HemaTrace	Neg AP	NT	
	Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT	
FK9UJG					
	Item 3	Pos LMG, HemaTrace	Neg PSA, Micro	NT	
	Item 4	Pos LMG, HemaTrace	Pos PSA, Micro	NT	
FKBU9A					
	Item 3	Pos KM, RSID-Blood*	Neg AP*, Micro (CT)*, p30*	Neg	
	Item 4	Pos KM, RSID-Blood*	Pos AP*, p30*, Micro(SH)*	Neg	Urine, Neg RSID-Urine*
FKUMYL					
	Item 3	Pos O-tol, HT	Neg AP, PSA	NT	
	Item 4	Pos O-tol, HT	Pos AP, PSA	NT	
FNUKYE					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
FXFVZT					
	Item 3	Pos FOB	Neg RSID-Semen		
	Item 4	Pos FOB	Pos RSID-Semen		
FYBFPD					
	Item 3	Pos KM	Neg AP, ALS	NT	Human, Pos Plexor HY
	Item 4	Pos KM	Pos AP, Micro, ALS	NT	Human, Pos Plexor HY

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
G2WKXB					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg	RSID
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro	Neg	RSID
GA72F9					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
GE689T					
Item 3	Pos	LMG, Hexagon OBTI	Neg PSA, AP	Neg	Phadebas
Item 4	Pos	LMG, Hexagon OBTI	Pos PSA, AP, Micro	Neg	Phadebas
GLLRFY					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
GMC6RQ					
Item 3	Pos	LMG	Neg AP	Neg	RSID-Saliva
Item 4	Pos	LMG	Pos AP, PSA	Neg	RSID-Saliva
GMEM39					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg	Phadebas
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro	Neg	Phadebas
GPZCGT					
Item 3	Pos	KM	Neg AP, Micro, PSA	NT	
Item 4	Pos	KM	Pos AP, Micro, PSA	NT	
GUEZ3B					
Item 3	Pos	Phenolphthalein	Neg BCIP	Neg	Phadebas
Item 4	Pos	Phenolphthalein	Pos BCIP, p30, Micro	Neg	Phadebas
GV9TXU					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Pos AP, Micro, PSA	NT	
GXCQ6G					
Item 3	Pos	O-tol	Neg AP, Micro	Neg	RSID
Item 4	Pos	O-tol	Pos AP, Micro	Neg	RSID
GYQYAB					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
H2RDGZ					
Item 3	Pos	TMB, HemaTrace	Neg AP, PSA, Micro	Neg	RSID-Saliva
Item 4	Pos	TMB, HemaTrace	Pos AP, PSA, Micro	Neg	RSID-Saliva
H6AMHL					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
H6UDEC					
Item 3	Pos	LMG	Neg AP, Micro		
Item 4	Pos	LMG	Pos AP, Micro		
H9DFFQ					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
HCCPTD					
Item 3	Pos	LMG	Neg AP	NT	
Item 4	Pos	LMG	Pos AP, Micro	NT	
HEZ8MJ					
Item 3	Pos	O-tol	Neg AP		
Item 4	Pos	O-tol	Pos AP		
HHGLFJ					
Item 3	Pos	O-tol	Neg AP	Neg	Phadebas
Item 4	Pos	O-tol	Pos AP, Micro	Neg	Phadebas
HL2BZW					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Pos ALS, AP, Micro	NT	
HLHQT6					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	Human Origin, Pos Quantifiler Human
Item 4	Pos	KM, HemaTrace	Pos AP, Micro, ABACard-p30	NT	Human Origin, Pos Quantifiler Human
HN8XD2					
Item 3	Pos	KM/ABACard	Neg AP	Neg	Phadebas Press Test
Item 4	Pos	KM/ABACard	Pos AP/PSA	Neg	Phadebas Press Test
HQBQ8Z					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
HQVC3B					
Item 3	Pos	KM	Neg AP	Neg Amylase Radial Diffusion	
Item 4	Pos	KM	Pos AP, Micro	Neg Amylase Radial Diffusion	
HR3TRU					
Item 3	Pos	O-tol	Neg AP, PSA, Micro	Neg Amy Diff, Seratec Amylase	
Item 4	Pos	O-tol	Pos AP, PSA, Micro	Neg Amy Diff, Seratec Amylase	
HX9HD9					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
HYR8ZA					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
J6BPVW					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Pos ALS, AP, Micro	NT	
JAKAG9					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
JBXN3W					
Item 3	Pos	KM, TMB	Neg PSA, Micro	NT	
Item 4	Pos	KM, TMB	Pos PSA, Micro	NT	
JFAMKG					
Item 3	Pos	TMB, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	TMB, HemaTrace	Pos ALS, AP, PSA, Micro	NT	
JHCKQ4					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	Human Origin, Pos Quantifiler Human
Item 4	Pos	KM, HemaTrace	Pos AP, Micro, ABACard-p30	NT	Human Origin, Pos Quantifiler Human
JQ7QMQ					
Item 3	Pos	LMG, HemaTrace	Neg ALS	NT	
Item 4	Pos	LMG, HemaTrace	Pos ALS, AP, PSA, Micro (KPIC)	NT	
JTC78B					
Item 3	Pos	PTN, HemaTrace	Neg AP	Neg RSID	
Item 4	Pos	PTN, HemaTrace	Pos AP, p30, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
JUTDFD					
Item 3	Pos	O-tol	Neg AP, Micro, ALS	Neg	RSID
Item 4	Pos	O-tol	Pos AP, Micro, ALS	Neg	RSID
JYLA7P					
Item 3	Pos	KM, HemDirect	Neg ALS, AP, Micro	NT	
Item 4	Pos	KM, HemDirect	Pos ALS, AP, Micro	NT	
K2L6ZC					
Item 3	Pos	O-tol	Neg AP, PSA, Micro	Neg	Amylase Diffusion
Item 4	Pos	O-tol	Pos AP, PSA, Micro	Neg	Amylase Diffusion
K47YT7					
Item 3	Pos	KM, HemaTrace	Neg AP	Neg	RSID
Item 4	Pos	KM, HemaTrace	Pos AP, Micro	Neg	RSID
KBQWNL					
Item 3	Pos	O-tol	Neg ALS, AP, Micro, PSA	Neg	Chromatographic Immunoassay for Amylase
Item 4	Pos	O-tol	Pos ALS, AP, Micro, PSA	Neg	Chromatographic Immunoassay for Amylase
KCKPJ4					
Item 3	Pos	KM	Neg AP	Neg	Phadebas
Item 4	Pos	KM	Pos AP + M'scope slide - Xmas Tree	Neg	Phadebas
KCMGBK					
Item 3	Pos	KM, HemaTrace	Neg AP	Neg	RSID
Item 4	Pos	KM, HemaTrace	Pos AP, Micro	NT	
KHR6B2					
Item 3	Pos	KM, HemDirect	Neg ALS, AP, PSA, Micro	NT	
Item 4	Pos	KM, HemDirect	Pos ALS, AP, PSA, Micro	NT	
KJMP6R					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP, PSA, Micro	NT	
KNV92Y					
Item 3	Pos	Hemastix, HemaTrace	Neg AP, p30	NT	
Item 4	Pos	Hemastix, HemaTrace	Pos AP, p30, Micro	NT	
KPBDXC					
Item 3	Pos	color, O-tol, ppth	Neg AP, Micro	NT	
Item 4	Pos	color, O-tol, ppth	Pos AP, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
KQ66M4					
Item 3	<b>Pos</b>	O-tol, ALS, HemDirect, Species Crossover	<b>Neg</b>	AP, Seratec PSA, Micro	<b>Neg</b> Seratec Saliva, Amylase Diffusion
Item 4	<b>Pos</b>	O-tol, ALS, HemDirect, Species Crossover	<b>Pos</b>	AP, Seratec PSA, Micro	<b>Neg</b> Seratec Saliva, Amylase Diffusion
KUZ24H					
Item 3	<b>Pos</b>	KM	<b>Neg</b>	AP, PSA, Micro	NT
Item 4	<b>Pos</b>	KM	<b>Pos</b>	ALS, AP, PSA, Micro	NT
L8H9F9					
Item 3	<b>Pos</b>	Hemastix, HemaTrace	<b>Neg</b>	AP	NT
Item 4	<b>Pos</b>	Hemastix, HemaTrace	<b>Pos</b>	AP, PSA, Micro	NT
L9GB9J					
Item 3	<b>Pos</b>	KM, HemaTrace	<b>Neg</b>	AP	<b>Neg</b> RSID
Item 4	<b>Pos</b>	KM, HemaTrace	<b>Pos</b>	AP, Micro	<b>Neg</b> RSID
LB42LA					
Item 3	<b>Pos</b>	KM	<b>Neg</b>	BCIP	NT
Item 4	<b>Pos</b>	KM	<b>Pos</b>	BCIP, p30, Micro	NT
LGV94H					
Item 3	<b>Pos</b>	LMG, HemaTrace	<b>Neg</b>	AP	NT
Item 4	<b>Pos</b>	LMG, HemaTrace	<b>Pos</b>	AP, Micro, PSA	NT
LH66PM					
Item 3	<b>Pos</b>	KM	<b>Neg</b>	AP	NT
Item 4	<b>Pos</b>	KM	<b>Pos</b>	AP, PSA	NT
LJZQCL					
Item 3	<b>Pos</b>	LMG	<b>Neg</b>	AP	<b>Neg</b> RSID-Saliva
Item 4	<b>Pos</b>	LMG	<b>Pos</b>	AP, PSA	<b>Neg</b> RSID-Saliva
LK9XGZ					
Item 3	<b>Pos</b>	KM	<b>Neg</b>	AP	NT
Item 4	<b>Pos</b>	KM	<b>Pos</b>	AP, Micro	NT
LP7DC3					
Item 3	<b>Pos</b>	KM, HemaTrace	<b>Neg</b>	AP, PSA, Micro	<b>Neg</b> Phadebas
Item 4	<b>Pos</b>	KM, HemaTrace	<b>Pos</b>	AP, PSA, Micro	<b>Neg</b> Phadebas
LTK63V					
Item 3	<b>Pos</b>	KM, HemaTrace	<b>Neg</b>	AP	NT
Item 4	<b>Pos</b>	KM, HemaTrace	<b>Pos</b>	AP, Microscopic exam	NT



TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
LU4QZR					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Pos ALS, AP, Micro	NT	
LUYJPJ					
Item 3	Pos	LMG; HemaTrace	Neg AP	NT	
Item 4	Pos	LMG; HemaTrace	Pos AP, PSA	NT	
LVYCTJ					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Pos AP, Micro, PSA	NT	
LY9J2B					
Item 3	Pos	Hemastix	NT		
Item 4	Pos	Hemastix	Pos AP		
M6C4LK					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP, PSA	NT	
M84Y9U					
Item 3	Pos	HemaTrace	Neg p30, Micro	NT	
Item 4	Pos	HemaTrace	Pos p30, Micro	NT	
M9U322					
Item 3	Pos	KM, HemaTrace	Neg AP		
Item 4	Pos	KM, HemaTrace	Pos AP, Microscopy		
MAC8JY					
Item 3	Pos	KM, HemDirect	Neg AP, PSA	NT	
Item 4	Pos	KM, HemDirect	Pos AP, PSA, Micro	NT	
MBHPFA					
Item 3	Pos	O-tol	Neg AP, Micro	Neg RSID	
Item 4	Pos	O-tol	Pos AP, Micro	Neg RSID	
MK7PPR					
Item 3	Pos	HemaTrace	Neg ALS; p30; Micro	NT	
Item 4	Pos	HemaTrace	Pos ALS; p30; Micro	NT	
MLJ4BF					
Item 3	Pos	KM	Neg AP, PSA, Micro	NT	
Item 4	Pos	KM	Pos AP, PSA, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
MMGDN7					
Item 3	Pos	KM, HemaTrace	Neg AP	Neg	RSID
Item 4	Pos	KM, HemaTrace	Pos AP, Micro	Neg	RSID
MVRM4C					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
N2RDVG					
Item 3	Pos	KM	Neg AP/Micro	NT	
Item 4	Pos	KM	Pos AP/Micro	NT	
N6AT3M					
Item 3	Pos	O-tol	Neg AP, ALS	NT	
Item 4	Pos	O-tol	Pos AP, Micro, ALS		
NJT7RF					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Pos AP, Micro, PSA	NT	
NKKGE3					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP, Micro, PSA	Neg	RSID
NPEFL7					
Item 3	Pos	TMB	Neg PSA	NT	
Item 4	Pos	TMB	Pos PSA	NT	
NTFE4Q					
Item 3	Pos	HemaTrace	Neg p30, Micro	NT	
Item 4	Pos	HemaTrace	Pos p30, Micro	NT	
NVJAMU					
Item 3	Pos	KM	Neg AP, Micro, PSA, ALS	NT	
Item 4	Pos	KM	Pos AP, Micro, PSA, ALS	NT	
NYZEGH					
Item 3	Pos	HemaTrace, KM	Neg AP	Neg	RSID
Item 4	Pos	HemaTrace, KM	Pos AP, Micro	NT	
P68F7J					
Item 3	Pos	LMG, HemaTrace	Neg ALS, AP, Micro, PSA	NT	
Item 4	Pos	LMG, HemaTrace	Pos ALS, AP, Micro, PSA	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
PCM7GC					
	Item 3	Pos KM	Neg AP	NT	
	Item 4	Pos KM	Pos AP, Micro	NT	
PEW7N6					
	Item 3	Pos LMG	Neg AP	NT	
	Item 4	Pos LMG	Pos AP, Micro	NT	
PFKPJB					
	Item 3	Pos O-tol	Neg AP	NT	
	Item 4	Pos O-tol	Pos AP, Micro	NT	
PFN634					
	Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
	Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
PLEAYD					
	Item 3	Pos LMG, HemaTrace	Neg AP	NT	
	Item 4	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	
PLYZZL					
	Item 3	Pos KM	Neg Micro, AP	NT	
	Item 4	Pos KM	Pos Micro, AP	NT	
PM6KLZ					
	Item 3	Pos KM, Takayama, HemaTrace	Neg AP	NT	Human Origin, Pos HemaTrace, Plexor HY
	Item 4	Pos KM, Takayama	Pos AP, Micro, p30	Neg RSID-Saliva	Human Origin, Pos Plexor HY
PQCU2C					
	Item 3	Pos Hemident, HemaTrace	Neg p30, Sperm HyLiter Express	NT	
	Item 4	Pos Hemident, HemaTrace	Pos p30, Sperm HyLiter Express	NT	
PRMXDF					
	Item 3	Pos LMG, HemaTrace	Neg AP	NT	
	Item 4	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	
PU9K63					
	Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
	Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
PVJJ3W					
	Item 3	Pos KM, ABACardHemaTrace	Neg AP	Neg Phadebas	
	Item 4	Pos KM, ABACardHemaTrace	Pos AP, PSA	Neg Phadebas	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
PWU9JN					
	Item 3	Pos KM	Neg ALS, AP, Micro	NT	
	Item 4	Pos KM	Pos ALS, AP, Micro	NT	
PZW3P7					
	Item 3	Pos KM	Neg ALS, AP, Micro	Neg Phadebas, ALS	Human DNA detected, Pos Quantifiler Trio
	Item 4	Pos KM	Pos ALS, AP, Micro	Neg Phadebas, ALS	Human DNA detected, Pos Quantifiler Trio
Q2NGP4					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
Q4NZZG					
	Item 3	Pos LMG	Neg AP	Neg RSID-Saliva	
	Item 4	Pos LMG	Pos AP, PSA	Neg RSID-Saliva	
Q4U2D4					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
QA2JNP					
	Item 3	Pos HemaTrace	Neg p30, Micro	NT	
	Item 4	Pos HemaTrace	Pos p30, Micro	NT	
QA934C					
	Item 3	Pos LMG	Neg AP, Micro, PSA	NT	
	Item 4	Pos LMG	Pos AP, Micro, PSA	NT	
QBTMB6					
	Item 3	Pos TMB	Neg	NT	
	Item 4	Pos TMB	Pos PSA	NT	
QDG6JH					
	Item 3	Pos LMG, HemaTrace	Neg ALS, AP	NT	
	Item 4	Pos LMG, HemaTrace	Pos ALS, AP, PSA, Micro	NT	
QFKZ3K					
	Item 3	Pos LMG, HemaTrace	Neg AP(Brentamine)	NT	
	Item 4	Pos LMG, HemaTrace	Pos AP(Brentamine), Microscopic, PSA	NT	
QNXXKC					
	Item 3	Pos KM	Neg AP, Micro	NT	
	Item 4	Pos KM	Pos AP, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
QRF7X4					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
QTRVBN					
Item 3	Pos	KM, HemaTrace	Neg PSA, Micro	Neg RSID	Male DNA, Pos Y-screening
Item 4	Pos	KM, HemaTrace	Pos PSA, Micro	Neg RSID	Male DNA, Pos Y-screening
QX4TP4					
Item 3	Pos	LMG	Neg ALS, AP	NT	
Item 4	Pos	LMG	Pos ALS, AP, Micro		
QYEKTD					
Item 3	Pos	KM	Neg ALS, PSA	Neg ALS, Seratec Amylase test	
Item 4	Pos	KM	Pos ALS, PSA	Neg ALS, Seratec Amylase test	
R23E9T					
Item 3	Pos	KM; HemaTrace	Neg ALS; AP; Micro	NT	
Item 4	Pos	KM; HemaTrace	Pos ALS; AP; Micro	NT	
R3UGU9					
Item 3	Pos	PTMB	Neg AP, Micro	NT	
Item 4	Pos	PTMB	Pos AP, Micro		
R9GDL6					
Item 3	Pos	O-tol	Neg ALS, AP, Micro	Neg RSID	
Item 4	Pos	O-tol	Pos ALS, AP, Micro	Neg RSID	
RDU328					
Item 3	Pos	O-tol, HemaTrace	Neg AP		
Item 4	Pos	O-tol	Pos AP, PSA		
RFJ8XK					
Item 3	Pos	O-tol	Neg AP, PSA, Micro	Neg Amylase Diffusion Gel	
Item 4	Pos	O-tol	Pos AP, PSA, Micro	Neg Amylase Diffusion Gel	
RLNAJD					
Item 3	Pos	HT	Neg AP		
Item 4	Pos	KM, HT	Pos AP, Micro	Neg RSID	
RP9BR7					
Item 3	Pos	Hemident, HemaTrace	Neg p30, Micro	NT	
Item 4	Pos	Hemident, HemaTrace	Pos p30, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
RQWTMC					
	Item 3	Pos KM	Neg AP	NT	
	Item 4	Pos KM	Pos AP, Micro	NT	
RVGEZT					
	Item 3	Pos TMB, HemaTrace	Neg AP	NT	
	Item 4	Pos TMB, HemaTrace	Pos AP, PSA, Micro	NT	
T7UYXU					
	Item 3	Pos KM	Neg AP	Neg Phadebas	Human Origin, Pos Quantifiler Human
	Item 4	Pos KM	Pos AP, Micro	Neg Phadebas	Human Origin, Pos Quantifiler Human
TCD7BT					
	Item 3	Pos LMG, HemaTrace	Neg AP	NT	
	Item 4	Pos LMG, HemaTrace	Pos AP, PSA	NT	
TLK8AY					
	Item 3	Pos KM	Neg AP	NT	
	Item 4	Pos KM	Pos AP, Micro	NT	
TRQU9U					
	Item 3	Pos KM, HB	Neg AP, Micro, PSA	NT	
	Item 4	Pos KM, HB	Pos AP, Micro, PSA	NT	
TTZN29					
	Item 3	Pos O-tol, HemaTrace	Neg AP, PSA		
	Item 4	Pos O-tol, HemaTrace	Pos AP, PSA, Micro		
TVCCQE					
	Item 3	Pos LMG, HemaTrace	Neg AP	NT	
	Item 4	Pos LMG, HemaTrace	Pos AP, PSA, Micro	NT	
TW4B4D					
	Item 3	Pos KM, HemaTrace	Neg AP	NT	
	Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT	
TY7HZB					
	Item 3	Pos LMG, HemaTrace	Neg AP	NT	
	Item 4	Pos LMG, HemaTrace	Pos AP, PSA	NT	
U69Q3W					
	Item 3	Pos KM, HemaTrace	Neg AP	NT	
	Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
U9D8LL					
	Item 3	Pos O-tol, ALS	Neg ALS, AP	NT	Human Blood, Pos RSID
	Item 4	Pos O-tol	Pos ALS, AP, PSA, Micro	NT	
U9MN7D					
	Item 3	Pos LMG	Neg AP	Neg RSID-Saliva	
	Item 4	Pos LMG	Pos AP, PSA	Neg RSID-Saliva	
UBJVYQ					
	Item 3	Pos TMB, HemaTrace	Neg AP, p30	Neg RSID-Saliva	
	Item 4	Pos TMB, HemaTrace	Pos AP, Micro, p30	NT	
UBKPHW					
	Item 3	Pos KM, HT	Neg AP, PSA, Micro	Neg Phad	
	Item 4	Pos KM, HT	Pos AP, PSA, Micro	Neg Phad	
UFQBG2					
	Item 3	Pos Hemastix	NT	NT	
	Item 4	Pos Hemastix	Pos AP	NT	
UGNQJQ					
	Item 3	Pos KM	Neg ALS, FBB, PSA	NT	
	Item 4	Pos KM	Pos ALS, FBB, PSA	NT	
UHVXXC					
	Item 3	Pos KM, HemaTrace	Neg AP	Neg RSID-Saliva	
	Item 4	Pos HemaTrace	Pos AP, Micro	NT	
UK4FR2					
	Item 3	Pos LMG, ALS	Neg AP, PSA, Micro, ALS	NT	
	Item 4	Pos LMG, ALS	Pos AP, PSA, Micro, ALS	NT	
UKLAKP					
	Item 3	Pos KM, HemaTrace	Neg AP	NT	
	Item 4	Pos KM, HemaTrace	Pos AP, RSID-Semen, Micro	NT	
UMD9YM					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	Pos AP, Micro	NT	
UP3FJK					
	Item 3	Pos KM	Neg ALS, AP	NT	
	Item 4	Pos KM	Pos ALS, AP, Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
<b>UQ6MBB</b>				
Item 3	<b>Pos</b> KM, HT	<b>Neg</b> PSA	<b>Neg</b> RSID	
Item 4	<b>Pos</b> KM, HT	<b>Pos</b> PSA, Micro	<b>Neg</b> RSID	
<b>UTR7C9</b>				
Item 3	<b>Pos</b> LMG, a-HuHb	<b>Neg</b> AP, PSA, Micro, ALS	<b>Neg</b> Amylase	
Item 4	<b>Pos</b> LMG, a-HuHb	<b>Pos</b> AP, PSA, Micro, ALS	<b>Neg</b> Amylase	
<b>UTY63C</b>				
Item 3	<b>Pos</b> KM, HemaTrace	<b>Neg</b> AP	<b>NT</b>	
Item 4	<b>Pos</b> KM, HemaTrace	<b>Pos</b> AP, PSA, Micro	<b>NT</b>	
<b>UXC3AY</b>				
Item 3	<b>Pos</b> KM	<b>Neg</b> ALS, AP, Micro	<b>Neg</b> ALS, Phadebas	<b>Human DNA, Pos</b> Quantifiler Trio
Item 4	<b>Pos</b> KM	<b>Pos</b> ALS, AP, Micro	<b>Neg</b> ALS, Phadebas	<b>Human DNA, Pos</b> Quantifiler Trio
<b>UZYN3M</b>				
Item 3	<b>Pos</b> KM	<b>Neg</b> AP	<b>NT</b>	
Item 4	<b>Pos</b> KM	<b>Pos</b> AP, Micro	<b>NT</b>	
<b>V66NQX</b>				
Item 3	<b>Pos</b> KM	<b>Neg</b> AP	<b>NT</b>	<b>Human, Pos</b> Plexor HY
Item 4	<b>Pos</b> KM	<b>Pos</b> AP, Micro, PSA	<b>Neg</b> RSID	<b>Human, Pos</b> Plexor HY
<b>V9QJGW</b>				
Item 3	<b>Pos</b> KM	<b>Neg</b> BCIP	<b>NT</b>	
Item 4	<b>Pos</b> KM	<b>Pos</b> BCIP, p30, Semen ID	<b>Neg</b> Phadebas	
<b>VA2D86</b>				
Item 3	<b>Pos</b> KM, HemaTrace	<b>Neg</b> AP, Micro	<b>NT</b>	
Item 4	<b>Pos</b> KM, HemaTrace	<b>Pos</b> AP, Micro	<b>NT</b>	
<b>VAYPN7</b>				
Item 3	<b>Pos</b> KM	<b>Neg</b> AP	<b>NT</b>	
Item 4	<b>Pos</b> KM	<b>Pos</b> AP, Micro	<b>NT</b>	
<b>VC6AC7</b>				
Item 3	<b>Pos</b> KM	<b>Neg</b> AP	<b>NT</b>	
Item 4	<b>Pos</b> KM	<b>Pos</b> AP, Micro	<b>NT</b>	
<b>VD36Q4</b>				
Item 3	<b>Pos</b> Hemident, HemaTrace	<b>Neg</b> ABACard p30, Micro	<b>NT</b>	
Item 4	<b>Pos</b> Hemident, HemaTrace	<b>Pos</b> ABACard p30, Micro	<b>NT</b>	



TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
VG66QZ					
Item 3	Pos	Hemastix and HemaTrace	Neg AP	Neg	RSID-Saliva
Item 4	Pos	Hemastix and HemaTrace	Pos AP and Sperm search	Neg	RSID-Saliva
VRZJLQ					
Item 3	Pos	Visual, KM, ABACard HemaTrace	Neg AP	Neg	Phadebas
Item 4	Pos	Visual, KM, ABACard HemaTrace	Pos AP, PSA, Micro	Neg	Phadebas
VU9HUE					
Item 3	Pos	KM, HT	Neg AP, Micro	Neg	Phadebas
Item 4	Pos	KM, HT	Pos AP, Micro	Neg	Phadebas
W67TQR					
Item 3	Pos	KM, HemaTrace	Neg AP, Micro, PSA	Neg	Phadebas
Item 4	Pos	KM, HemaTrace	Pos AP, Micro, PSA	Neg	Phadebas
W6ZLFJ					
Item 3	Pos	KM, TMB	Neg Micro, PSA	NT	
Item 4	Pos	KM, TMB	Pos Micro, PSA	NT	
WEQEJ4					
Item 3	Pos	TMB, Takayama	Neg AP, Micro	NT	
Item 4	Pos	TMB, Takayama	Pos AP, Micro	NT	
WM8LQ9					
Item 3	Pos	LMG, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	LMG, HemaTrace	Pos ALS, AP, p30		
WRCMPG					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP, PSA, Micro for Sperm	Neg	Amylase Radial Diffusion, Micro for E cells
Item 4	Pos	KM, HemaTrace	Pos ALS, AP, PSA, Micro for Sperm	Neg	Amylase Radial Diffusion, Micro for E cells
WU4HCP					
Item 3	Pos	INSTALERT (FOB)	Neg Phosphatesmo, PSA		
Item 4	Pos	INSTALERT (FOB)	Neg Phosphatesmo, PSA		
WU69NZ					
Item 3	Pos	PPTH, O-tol, Red-brown color	Neg AP, Micro	NT	
Item 4	Pos	PPTH, O-tol, Red-brown color	Pos AP, Micro	NT	
WU6DW					
Item 3	Pos	KM, HemaTrace	Neg AP	Neg	RSID
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro	Neg	RSID

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
X3TQAL				
Item 3	<b>Pos</b> KM, HemaTrace	<b>Neg</b> ALS, AP, Micro	<b>NT</b>	
Item 4	<b>Pos</b> KM, HemaTrace	<b>Pos</b> ALS, AP, Micro	<b>NT</b>	
XH4A48				
Item 3	<b>Pos</b> KM, HemaTrace	<b>Neg</b> AP	<b>Neg</b> RSID	
Item 4	<b>Pos</b> KM, HemaTrace	<b>Pos</b> AP, Micro	<b>Neg</b> RSID	
XLP8KB				
Item 3	<b>Pos</b> LMG, HT	<b>Neg</b> AP, Micro	<b>NT</b>	
Item 4	<b>Pos</b> LMG, HT	<b>Pos</b> AP, Micro	<b>NT</b>	
XMH8DE				
Item 3	<b>Pos</b> KM, HemaTrace	<b>Neg</b> AP, Micro, PSA	<b>Neg</b> Amylast Radial Diffusion, Micro	<b>Human Blood, Pos</b> KM, HemaTrace, qPCR
Item 4	<b>Pos</b> KM, HemaTrace	<b>Pos</b> AP, Micro, PSA	<b>Neg</b> Amylase Radial Diffusion, Micro	<b>Human Blood, Pos</b> KM, HemaTrace, qPCR
XNBTDX				
Item 3	<b>Pos</b> O-tol, PPTH, Red/brwn colour	<b>Neg</b> AP, ALS, Micro	<b>NT</b>	
Item 4	<b>Pos</b> O-tol, PPTH, Red/brwn colour	<b>Pos</b> AP, ALS, Micro	<b>NT</b>	
XR9GMD				
Item 3	<b>Pos</b> KM	<b>Neg</b> AP, Micro	<b>NT</b>	
Item 4	<b>Pos</b> KM	<b>Pos</b> AP, Micro	<b>NT</b>	
XU24MV				
Item 3	<b>Pos</b> KM	<b>Neg</b> AP	<b>NT</b>	
Item 4	<b>Pos</b> KM	<b>Pos</b> AP, Micro	<b>NT</b>	
XUWVCM				
Item 3	<b>Pos</b> Hemastix	<b>NT</b>	<b>NT</b>	
Item 4	<b>Pos</b> Hemastix	<b>Pos</b> AP, ALS, Micro	<b>NT</b>	
XUZDER				
Item 3	<b>Pos</b> KM, HemaTrace	<b>Neg</b> AP	<b>NT</b>	
Item 4	<b>Pos</b> KM, HemaTrace	<b>Pos</b> AP, PSA, Micro	<b>NT</b>	
XW8NBW				
Item 3	<b>Pos</b> KM	<b>Neg</b> AP	<b>NT</b>	
Item 4	<b>Pos</b> KM	<b>Pos</b> AP, Micro	<b>NT</b>	
XXFX6E				
Item 3	<b>Pos</b> KM	<b>Neg</b> AP Overlay	<b>NT</b>	
Item 4	<b>Pos</b> KM	<b>Pos</b> AP Overlay, PSA, Micro	<b>NT</b>	

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
XXK6NA						
Item 3	Pos	FOB	Neg	PSA	NT	
Item 4	Pos	FOB	Pos	PSA	NT	
XXV773						
Item 3	Pos	Hemastix	Neg	AP	NT	
Item 4	Pos	Hemastix	Pos	AP	NT	
Y3BRZU						
Item 3	Pos	LMG	Neg	AP	NT	
Item 4	Pos	LMG	Pos	AP, Micro	NT	
Y6KR62						
Item 3	Pos	TMB				
Item 4	Pos	TMB	Pos	AP, Micro		
Y76ZU3						
Item 3	Pos	TMB, Takayama	NT		NT	
Item 4	Pos	TMB, Takayama	Pos	AP, Micro		
YB4A7Q						
Item 3	Pos	KM, Takayama, HemaTrace	Neg	AP	Neg Phadebas	Human Origin, Pos HemaTrace, Plexor HY
Item 4	Pos	KM, Takayama	Pos	AP, Micro, PSA	Neg RSID-Saliva	Human Origin, Pos Plexor HY
YCE8LT						
Item 3	Pos	KM, HemaTrace	Neg	AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	Neg Phadebas	
YKMLKN						
Item 3	Pos	KM	Neg	AP	NT	
Item 4	Pos	KM	Pos	AP, Micro, PSA	NT	
YN8NDE						
Item 3	Pos	KM	Neg	ALS, AP	NT	
Item 4	Pos	KM	Pos	ALS, AP, Micro, PSA	NT	
YP2CVB						
Item 3	Pos	Hemastix, HemaTrace	Neg	AP	Neg RSID-Saliva	
Item 4	Pos	Hemastix, HemaTrace	Pos	AP, Micro	Neg RSID-Saliva	
YWJU3Q						
Item 3	Pos	KM	Neg	AP		
Item 4	Pos	KM	Pos	AP, Micro	Neg RSID	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
YYMK8K					
Item 3	Pos	KM and ABACard HemaTrace	NT	NT	
Item 4	Pos	KM and ABACard HemaTrace	Pos AP/PSA	Neg Phadebas Press test	
YZH72C					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
YZN9YW					
Item 3	Pos	TMB, HemaTrace	Neg AP	NT	
Item 4	Pos	TMB, HemaTrace	Pos AP, Micro	NT	
Z764D7					
Item 3	Pos	HemDirect	Neg ALS, AP	NT	
Item 4	Pos	HemDirect	Pos ALS, AP, p30, Sperm Hyliter	NT	
Z76AA7					
Item 3	Pos	LMG, FOB	Neg AP, PSA	NT	
Item 4	Pos	LMG, FOB	Pos AP, PSA	NT	
Z7Y6N3					
Item 3	Pos	LMG, HemaTrace	Neg AP, p30, Micro/Sperm	Neg Amylase, Micro/e.cells	
Item 4	Pos	LMG, HemaTrace	Pos AP, p30, Micro/Sperm	Neg Amylase, Micro/e.cells	
ZBYALG					
Item 3	Pos	KM, TMB	Neg PSA, Micro	NT	
Item 4	Pos	KM, TMB	Pos PSA, Micro	NT	
ZCQC9V					
Item 3	Pos	LMG	Neg AP, PSA, Micro	NT	
Item 4	Pos	LMG	Pos AP, PSA, Micro	NT	
ZDMLM8					
Item 3	Pos	LMG	Neg AP, PSA	NT	
Item 4	Pos	LMG	Pos AP, PSA	NT	
ZGHJQ6					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP, Micro, PSA	NT	
ZJQPBK					
Item 3	Pos	Hemastix	Neg ALS, AP	NT	
Item 4	Pos	Hemastix	Pos ALS, AP, Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
ZRLU2Z				
Item 3	Pos O-tol	Neg PSA	NT	
Item 4	Pos O-tol	Pos PSA	NT	
ZTZ8U4				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	
ZYHMCf				
Item 3	Pos ABACard HemaTrace	Neg AbaCard p30, Micro	NT	
Item 4	Pos ABACard HemaTrace	Pos AbaCard p30, Micro	NT	

**Table 1: Serology Screening  
Response Summary**

Item 3

Participants: 342

ITEM 3:	Blood	Semen	Saliva
Positive	<b>340</b>	<b>0</b>	<b>0</b>
Negative	<b>0</b>	<b>311</b>	<b>93</b>
Inconclusive	<b>0</b>	<b>0</b>	<b>0</b>
Not Tested (NT)	<b>2</b>	<b>28</b>	<b>232</b>
Not Reported	<b>0</b>	<b>3</b>	<b>17</b>

**Table 1: Serology Screening  
Response Summary**

Item 4

Participants: 342

ITEM 4:	Blood	Semen	Saliva
Positive	<b>340</b>	<b>329</b>	<b>0</b>
Negative	<b>0</b>	<b>1</b>	<b>97</b>
Inconclusive	<b>0</b>	<b>1</b>	<b>0</b>
Not Tested (NT)	<b>2</b>	<b>10</b>	<b>221</b>
Not Reported	<b>0</b>	<b>1</b>	<b>24</b>

# STR Amplification Kit(s) & Results

## TABLE 2

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

### Item 1 - STR Results

22LKJ2	GlobalFiler™						
	15,17.3	16,17	11,14	16,16		9,13	
	1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13		
		30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6,6	8,12	11,19		
23KHZP	Identifiler® Plus						
		16,17		16		9,13	
	1		11,13	13			
	14	13		12,14	13		
		30.2,31.2		X	11,12	22,24	
			6	8,12	11,19		
273XC3	GlobalFiler™ Express						
	15,17.3	16,17	11,14	16		9,13	
	1		11,13	13	14	19,20	
	14	13		12,14	13		
		30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19		
2A38HX	Identifiler® Plus						
		16,17		16		9,13	
	1		11,13	13			
	14	13		12,14	13		
		30.2,31.2		X	11,12	22,24	
			6	8,12	11,19		
2HGTQ2	PowerPlex® Fusion 5C						
	15,17.3	16,17	11,14	16,16		9,13	
	1		11,13	13,13	14,14	19,20	
	14,14	13,13		12,14	13,13		
		30.2,31.2	15,16	X,X	11,12	22,24	9,12
	10,15		6,6	8,12	11,19		
2J6BL8	Identifiler® DIRECT						
	-	16,17	-	16	-	9,13	
	1		-	13	-	-	
	14	13		12,14	13		
		30.2,31.2	-	X,X	11,12	22,24	-
	-		6	8,12	11,19		
2KLF7Q	GlobalFiler™						
	15,17.3	16,17	11,14	16		9,13	
	1		11,13	13	14	19,20	
	14	13		12,14	13		
		30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19		

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

2PCVQR	GlobalFiler™ Express					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6	8,12	11,19	
2Q8C8V	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19	
2RGRT8	Identifiler® Plus, GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6,6	8,12	11,19	
2X8XVN	Identifiler® Plus, PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
32LTD8	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
33DXJY	GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6,6	8,12	11,19	
34RKW8	GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6,6	8,12	11,19	

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

37DDP2	Identifiler® Plus, GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6,6	8,12	11,19	
389PV3	GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6,6	8,12	11,19	
3ACKCK	GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6,6	8,12	11,19	
3DUMG6	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
3RE3K4	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
3RTVWX	Identifiler® Plus					
		16,17		16		9,13
1		11,13	13			
	14	13		12,14	13	
	30.2,31.2		X	11,12	22,24	
			6	8,12	11,19	
3WQ3NM	Identifiler® Plus					
		16,17		16		9,13
1		11,13	13			
	14	13		12,14	13	
	30.2,31.2		X	11,12	22,24	
			6	8,12	11,19	



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

3YZBVL	Identifiler® Plus, PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
3ZPENT	Identifiler® Plus					
		16,17		16,16		9,13
1		11,13	13,13			
	14,14	13,13		12,14	13,13	
	30.2,31.2		X,X	11,12	22,24	
			6,6	8,12	11,19	
43AU7Z	GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6,6	8,12	11,19	
43QYQJ	PowerPlex® Fusion 5C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15		6	8,12	11,19	
44874N	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
44LKKB	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
44NBN8	Investigator® 24plex QS					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19	

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

46DN66	Identifiler® Plus, GlobalFiler™, MiniFiler					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6,6	8,12	11,19	
46Y2QW	GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6,6	8,12	11,19	
4HKGUW	Identifiler® Plus					
		16,17		16,16		9,13
1		11,13	13,13			
	14,14	13,13		12,14	13,13	
	30.2,31.2		X,X	11,12	22,24	
			6,6	8,12	11,19	
4JJGX3	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
4Q4TXP	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19	
4QMERZ	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19	
4RDPG9	PowerPlex® Fusion 5C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15		6	8,12	11,19	

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

4WCW7C	PowerPlex® Fusion 6C Direct					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
4XK7YA	Investigator® 24plex QS					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19	
4YAJE7	Identifiler® Plus, GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6,6	8,12	11,19	
62UT2D	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
62ZVZX	PowerPlex® Fusion 5C					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	9,12
	10,15		6,6	8,12	11,19	
6DV8AQ	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	9,12
	10,15	18,28.2	6,6	8,12	11,19	
6EM4WY	Identifiler®, GlobalFiler™ Express					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19	

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

6ERPF	Identifiler® Plus, GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6	8,12	11,19	
6FURPA	PowerPlex® ESIFast					
	15,17.3	16,17	11,14	16,16		
1			13,13		14,14	19,20
		13,13		12,14	13,15	
	30.2,31.2	15,16	X,X		22,24	
		18,28.2	6,6		11,19	
6HMGFH	Identifiler® Plus					
		16,17		16,16		9,13
1		11,13	13,13			
	14,14	13,13		12,14	13,13	
	30.2,31.2		X,X	11,12	22,24	
			6,6	8,12	11,19	
6HN9C6	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
6KQAAG	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19	
6LYFKV	PowerPlex® ESI FAST 16					
	15,17.3	16,17	11,14	16		
1			13		14	19,20
		13		12,14	13	
	30.2,31.2	15,16	X		22,24	
			6		11,19	
6MU6TJ	Identifiler® Plus, PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	

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

6NELDT	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
	1	11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
	18,28.2	6	8,12	11,19		
6TJHWT	Identifiler® Plus					
	15,17.3	16,17	11,14	16		9,13
	1	11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
	18,28.2	6	8,12	11,19		
6WNBQQ	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
	1	11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
	18,28.2	6	8,12	11,19		
74X2R9	PowerPlex® Fusion 6C Direct					
	15,17.3	16,17	11,14	16		9,13
	1	11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
77M6KF	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
	1	11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
	18,28.2	6	8,12	11,19		
7A2UUQ	Identifiler® Plus					
	15,17.3	16,17	11,14	16,16		9,13
	1	11,13	13,13		14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
	18,28.2	6,6	8,12	11,19		
7HYKGM	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16,16		9,13
	1	11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	9,12
	10,15	18,28.2	6,6	8,12	11,19	

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

7QUKVF	GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6,6	8,12	11,19	
7XTABX	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
7YK8NW	GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6,6	8,12	11,19	
88WL9D	PowerPlex® Fusion6C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
8BEUHY	Identifiler® Plus					
		16,17		16		9,13
1		11,13	13			
	14	13		12,14	13	
	30.2,31.2		X	11,12	22,24	
			6	8,12	11,19	
8BU8UN	Identifiler® Plus, GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6,6	8,12	11,19	
8C9FCP	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19	

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

8EYDM	GlobalFiler™ Express					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19	
8LUXFW	GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6,6	8,12	11,19	
8LVNNZ	Identifiler® Direct					
		16,17		16,16		9,13
1		11,13	13,13			
	14,14	13,13		12,14	13,13	
	30.2,31.2		X,X	11,12	22,24	
			6,6	8,12	11,19	
8YNXJL	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19	
8YZTUR	Identifiler® Plus					
		16,17		16,16		9,13
1		11,13	13,13			
	14,14	13,13		12,14	13,13	
	30.2,31.2		X,X	11,12	22,24	
			6,6	8,12	11,19	
94RBQH	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	9,12
	10,15	18,28.2	6,6	8,12	11,19	
9AVEH3	GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6,6	8,12	11,19	

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

9DVRYZ	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19	
9EZZLA	Identifiler® Plus, PentaD, PentaE					
		16,17		16		9,13
1		11,13	13			
	14	13		12,14	13	
	30.2,31.2		X	11,12	22,24	9,12
	10,15		6	8,12	11,19	
9KFQTE	PowerPlex® ESI-17 FAST					
	15,17.3	16,17	11,14	16,16		
1			13,13		14,14	19,20
		13,13		12,14	13,13	
	30.2,31.2	15,16	X,X		22,24	
		18,28.2	6,6		11,19	
9M6XDC	PowerPlex® Fusion					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	9,12
	10,15		6,6	8,12	11,19	
9MMWJM	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	9,12
	10,15	18,28.2	6,6	8,12	11,19	
9MPQYL	GlobalFiler™ Express					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19	
9TAWMF	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	9,12
	10,15	18,28.2	6,6	8,12	11,19	



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

9TUH8J	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
	1	11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
	18,28.2	6	8,12	11,19		
9VG6Z8	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
	1	11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
	18,28.2	6	8,12	11,19		
9YVMBW	Identifiler®, GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
	1	11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
	18,28.2	6,6	8,12	11,19		
9ZQ8ZG	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16,16		9,13
	1	11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	9,12
	10,15	18,28.2	6,6	8,12	11,19	
A7VE4Q	Investigator® 24plex GO!					
	15,17.3	16,17	11,14	16,16		9,13
	1	11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
	18,28.2	6,6	8,12	11,19		
AAG4N4	PowerPlex® Fusion 6C Direct					
	15,17.3	16,17	11,14	16		9,13
	1	11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
AEM72J	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
	1	11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	

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

AENR26	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
AFZQXZ	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
AKWDQN	Identifiler® Plus					
		16,17		16		9,13
1		11,13	13			
	14	13		12,14	13	
	30.2,31.2		X	11,12	22,24	
			6	8,12	11,19	
AKXYHA	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
AMHYJB	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6	8,12	11,19	
ARVQMW	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
AT9AUA	GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6,6	8,12	11,19	

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

AVEUGA	GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
	14,14	13,13	13,13		14,14	19,20
	30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6,6	8,12	11,19	
AXD2VR	Identifiler® Plus					
	15,17.3	16,17		16,16		9,13
	14,14	13,13	13,13		14,14	19,20
	30.2,31.2		X,X	11,12	22,24	
			6,6	8,12	11,19	
AXGGBD	Identifiler® Direct					
	15,17.3	16,17		16		9,13
	14	13	13	12,14	13	
	30.2,31.2		X,X	11,12	22,24	
			6	8,12	11,19	
AYWUYA	PowerPlex® 21					
	15,17.3	16,17		16,16		9,13
	15,16	11,13	13,13			19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2		X,X	11,12	22,24	9,12
	10,15		6,6	8,12	11,19	
B2HX88	PowerPlex® 21					
	15,17.3	16,17		16,16		9,13
	15,16	11,13	13,13			19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2		X,X	11,12	22,24	9,12
	10,15		6,6	8,12	11,19	
B37G3D	PowerPlex® ESI-17 FAST					
	15,17.3	16,17	11,14	16,16		
			13,13		14,14	19,20
		13,13		12,14	13,13	
	30.2,31.2	15,16	X,X		22,24	
	18,28.2	6,6		11,19		
B6XPXZ	Investigator® 24plex QS					
	15,17.3	16,17	11,14	16		9,13
	14	13	13	12,14	14	19,20
	30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19	

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

B77RZY	Identifiler® Plus					
		16,17		16,16		9,13
1		11,13	13,13			
	14,14	13,13		12,14	13,13	
	30.2,31.2		X,X	11,12	22,24	
			6,6	8,12	11,19	
B8ZHXL	Identifiler® Plus, GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6,6	8,12	11,19	
B9WQEX	Identifiler® Direct					
		16,17		16,16		9,13
1		11,13	13,13			
	14,14	13,13		12,14	13,13	
	30.2,31.2		X,X	11,12	22,24	
			6,6	8,12	11,19	
BAQLTT	Identifiler® Plus, GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6,6	8,12	11,19	
BD4J4M	Identifiler® Plus					
		16,17		16		9,13
1		11,13	13			
	14	13		12,14	13	
	30.2,31.2		X	11,12	22,24	
			6	8,12	11,19	
BE8UBQ	Identifiler® Plus					
		16,17		16		9,13
1		11,13	13			
	14	13		12,14	13	
	30.2,31.2		X	11,12	22,24	
			6	8,12	11,19	
BG8FPB	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19	

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

BHXHCQ	GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6,6	8,12	11,19	
BUXZEE	Identifiler® Plus, PowerPlex® F6C (Direct)					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
BWY34F	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19	
BXUVT8	PowerPlex® Fusion 6C & 5C, GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
C97FRU	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
CJB8J9	PowerPlex® Fusion 6C; 16					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
CMP32R	GlobalFiler™					
	15,17.3	16,17	11,14	16,16	N/A	9,13
1		11,13	13,13	N/A	14,14	19,20
	14,14	13,13	N/A	12,14	13,13	N/A
	30.2,31.2	15,16	X,X	11,12	22,24	N/A
	N/A	18,28.2	6,6	8,12	11,19	

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

CNPW7R	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19	
CP2XNJ	Identifiler® Plus, PowerPlex® Fusion 6C Direct					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
CV7G6W	Identifiler® Direct					
	-	16,17	-	16	-	9,13
1		11,13	13	-	-	-
	14	13	-	12,14	13	-
	30.2,31.2	-	X,X	11,12	22,24	-
	-	-	6	8,12	11,19	
D32WBF	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19	
DC9HDP	Identifiler® Plus					
		16,17		16,16		9,13
1		11,13	13,13			
	14,14	13,13		12,14	13,13	
	30.2,31.2		X,X	11,12	22,24	
			6,6	8,12	11,19	
DDYU22	PowerPlex® Fusion6C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
DEEZE7	PowerPlex® 5C, 6C, GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	

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

DNJ7CE	Identifiler® Plus					
		16,17		16		9,13
1		11,13	13			
	14	13		12,14	13	
	30.2,31.2		X	11,12	22,24	
			6	8,12	11,19	
DQ9DWB	PowerPlex® Fusion					
	15,17.3	16,17	11,14	16	N/A	9,13
1	N/A	11,13	13	N/A	14	19,20
	14	13	N/A	12,14	13	N/A
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	N/A	6	8,12	11,19	
DU63UA	Identifiler® Direct					
		16,17		16		9,13
1		11,13	13			
	14	13		12,14	13	
	30.2,31.2		X,X	11,12	22,24	
			6	8,12	11,19	
DWV7GP	Identifiler® Plus, GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6,6	8,12	11,19	
DYZWQP	GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6,6	8,12	11,19	
E2KWUC	Identifiler® Plus					
		16,17		16		9,13
1		11,13	13			
	14	13		12,14	13	
	30.2,31.2		X	11,12	22,24	
			6	8,12	11,19	
E7D7VX	GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6,6	8,12	11,19	

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

E7GVXA	PowerPlex® ES17 Fast					
	15,17.3	16,17	11,14	16,16		
1			13,13		14,14	19,20
		13,13		12,14	13,13	
	30.2,31.2	15,16	X,X		22,24	
		18,28.2	6,6		11,19	
EB83H4	PowerPlex®					
	15,17.3	16,17		16		9,13
1	15,16	11,13	13			19,20
	14	13		12,14	13	
	30.2,31.2		X	11,12	22,24	9,12
	10,15		6	8,12	11,19	
EBTQN6	PowerPlex® 21					
	15,17.3	16,17		16,16		9,13
1	15,16	11,13	13,13			19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2		X,X	11,12	22,24	9,12
	10,15		6,6	8,12	11,19	
EFMNFG	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	9,12
	10,15	18,28.2	6,6	8,12	11,19	
EHA34Q	PowerPlex® Fusion					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15		6	8,12	11,19	
EM63XT	PowerPlex® Fusion					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	9,12
	10,15		6,6	8,12	11,19	
ENYKKN	Identifiler® Plus					
		16,17		16		9,13
1		11,13	13			
	14	13		12,14	13	
	30.2,31.2		X	11,12	22,24	
			6	8,12	11,19	



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

EPHL3	GlobalFiler™					
	15,17.3	16,17	11,14	16	Not Tested	9,13
	14	13	Not tested	12,14	13	Not Tested
	30.2,31.2	15,16	X	11,12	22,24	Not Tested
	Not Tested	18,28.2	6	8,12	11,19	
ETND3G	Identifiler® 16					
		16,17		16,16		9,13
	14,14	13,13		12,14	13,13	
	30.2,31.2		X,X	11,12	22,24	
			6,6	8,12	11,19	
EV4LN6	Identifiler® Plus, GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
	14	13		12,14	13	
	30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6	8,12	11,19	
EVDH2F	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
EZ8ACX	GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6,6	8,12	11,19	
F7AVLC	Identifiler® Plus					
		16,17		16		9,13
	14	13		12,14	13	
	30.2,31.2		X	11,12	22,24	
			6	8,12	11,19	
F82Y78	Identifiler® Direct					
		16,17		16,16		9,13
	14,14	13,13		12,14	13,13	
	30.2,31.2		X,X	11,12	22,24	
			6,6	8,12	11,19	

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

F9JZY2	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
FBA8JX	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
FDYE4U	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
FE7XGW	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6	8,12	11,19	
FJKBNB	Identifiler® Plus					
		16,17		16		9,13
1		11,13	13			
	14	13		12,14	13	
	30.2,31.2		X	11,12	22,24	
			6	8,12	11,19	
FK9UJG	Identifiler® Plus					
		16,17		16,16		9,13
1		11,13	13,13			
	14,14	13,13		12,14	13,13	
	30.2,31.2		X,X	11,12	22,24	
			6,6	8,12	11,19	
FKBU9A	Identifiler® Plus, PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	

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

FKUMYL	Identifiler® Plus					
		16,17		16,16		9,13
1		11,13	13,13			
	14,14	13,13		12,14	13,13	
	30.2,31.2		X,X	11,12	22,24	
			6,6	8,12	11,19	
FNUKYE	Identifiler®					
		16,17		16,16		9,13
1		11,13	13,13			
	14,14	13,13		12,14	13,13	
	30.2,31.2		X,X	11,12	22,24	
			6,6	8,12	11,19	
FXFVZT	Identifiler® Plus, PowerPlex® Fusion					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15		6	8,12	11,19	
FYBFPD	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	9,12
	10,15	18,28.2	6,6	8,12	11,19	
G2WKXB	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
GA72F9	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19	
GE689T	PowerPlex® ESX 17 FAST					
	15,17.3	16,17	11,14	16,16		
1			13,13		14,14	19,20
		13,13		12,14	13,13	
	30.2,31.2	15,16	X,X		22,24	
		18,28.2	6,6		11,19	

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

GLLRFY	PowerPlex® Fusion 6C					
		15,17.3	16,17	11,14	16	9,13
	1		11,13	13		14,19,20
		14	13		12,14	13
		30.2,31.2	15,16	X	11,12	22,24,9,12
	10,15	18,28.2	6	8,12	11,19	
GMC6RQ	GlobalFiler™					
		15,17.3	16,17	11,14	16	9,13
	1		11,13	13		14,19,20
		14	13		12,14	13
		30.2,31.2	15,16	X	11,12	22,24,9,12
		18,28.2	6	8,12	11,19	
GMEM39	Identifiler® Plus					
			16,17		16	9,13
	1		11,13	13		
		14	13		12,14	13
		30.2,31.2		X	11,12	22,24,9,12
			6	8,12	11,19	
GPZCGT	Identifiler® Plus, GlobalFiler™					
		15,17.3	16,17	11,14	16,16	9,13
	1		11,13	13,13		14,14,19,20
		14,14	13,13		12,14	13,13
		30.2,31.2	15,16	X,X	11,12	22,24,9,12
		18,28.2	6,6	8,12	11,19	
GUEZ3B	GlobalFiler™					
		15,17.3	16,17	11,14	16	9,13
	1		11,13	13		14,19,20
		14	13		12,14	13
		30.2,31.2	15,16	X	11,12	22,24,9,12
		18,28.2	6	8,12	11,19	
GV9TXU	GlobalFiler™					
		15,17.3	16,17	11,14	16	9,13
	1		11,13	13		14,19,20
		14	13		12,14	13
		30.2,31.2	15,16	X	11,12	22,24,9,12
		18,28.2	6	8,12	11,19	
GXCQ6G	GlobalFiler™					
		15,17.3	16,17	11,14	16	9,13
	1		11,13	13		14,19,20
		14	13		12,14	13
		30.2,31.2	15,16	X	11,12	22,24,9,12
		18,28.2	6	8,12	11,19	

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

GYQYAB	PowerPlex® Fusion 6C						
		15,17.3	16,17	11,14	16,16	9,13	
	1		11,13	13,13		14,14	19,20
		14,14	13,13		12,14	13,13	
		30.2,31.2	15,16	X,X	11,12	22,24	9,12
	10,15	18,28.2	6,6	8,12	11,19		
H2RDGZ	PowerPlex® 21						
		15,17.3	16,17		16,16	9,13	
	1		11,13	13,13		14,14	19,20
		14,14	13,13		12,14	13,13	
		30.2,31.2		X,X	11,12	22,24	9,12
	10,15		6,6	8,12	11,19		
H68YYL	Identifiler® Plus						
			16,17		16	9,13	
	1		11,13	13			
		14	13		12,14	13	
		30.2,31.2		X	11,12	22,24	
			6	8,12	11,19		
H6AMHL	GlobalFiler™						
		15,17.3	16,17	11,14	16,16	9,13	
	1		11,13	13,13		14,14	19,20
		14,14	13,13		12,14	13,13	
		30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6,6	8,12	11,19		
H6UDEC	GlobalFiler™ Express						
		15,17.3	16,17	11,14	16	9,13	
	1		11,13	13		14	19,20
		14	13		12,14	13	
		30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19		
H9DFEQ	GlobalFiler™						
		15,17.3	16,17	11,14	16	9,13	
	1		11,13	13		14	19,20
		14	13		12,14	13	
		30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19		
HCCPTD	GlobalFiler™ Express						
		15,17.3	16,17	11,14	16	9,13	
	1		11,13	13		14	19,20
		14	13		12,14	13	
		30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19		

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

HEZ8MJ	Identifiler® Plus					
		16,17		16,16		9,13
1		11,13	13,13			
	14,14	13,13		12,14	13,13	
	30.2,31.2		X,X	11,12	22,24	
			6,6	8,12	11,19	
HHGLFJ	PowerPlex® Fusion					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	9,12
	10,15		6,6	8,12	11,19	
HL2BZW	PowerPlex® Fusion 6C Direct					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
HLHQT6	Identifiler® Plus					
		16,17		16		9,13
1		11,13	13			
	14	13		12,14	13	
	30.2,31.2		X	11,12	22,24	
			6	8,12	11,19	
HN8XD2	Identifiler® Plus					
		16,17		16,16		9,13
1		11,13	13,13			
	14,14	13,13		12,14	13,13	
	30.2,31.2		X,X	11,12	22,24	
			6,6	8,12	11,19	
HQBQ8Z	Identifiler® Plus, PowerPlex® Fusion					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
HQVC3B	GlobalFiler™					
	15,17.3	16,17	11,14	16,16	-	9,13
1	-	11,13	13,13	-	14,14	19,20
	14,14	13,13	-	12,14	13,13	-
	30.2,31.2	15,16	X,X	11,12	22,24	-
	-	18,28.2	6,6	8,12	11,19	

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

HR3TRU	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19	
HX9HD9	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19	
HYR8ZA	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19	
J6BPVW	PowerPlex® FUSION 6C DIRECT					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
JAKAG9	Identifiler® Plus					
		16,17		16		9,13
1		11,13	13			
	14	13		12,14	13	
	30.2,31.2		X	11,12	22,24	
			6	8,12	11,19	
JBXN3W	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
JFAMKG	Identifiler® Plus, Investigator® 24plex					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19	

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

JHCKQ4	Identifiler® Plus					
		16,17		16		9,13
1		11,13	13			
	14	13		12,14	13	
	30.2,31.2		X	11,12	22,24	
			6	8,12	11,19	
JQ7QMQ	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
JTC78B	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
JUTDFD	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19	
JYLA7P	Identifiler®					
		16,17		16,16		9,13
1		11,13	13,13			
	14,14	13,13		12,14	13,13	
	30.2,31.2		X,X	11,12	22,24	
			6,6	8,12	11,19	
K2L6ZC	Identifiler®					
		16,17		16,16		9,13
1		11,13	13,13			
	14,14	13,13		12,14	13,13	
	30.2,31.2		X,X	11,12	22,24	
			6,6	8,12	11,19	
K47YT7	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	



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

KBQWNL	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
	1	11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
	18,28.2	6	8,12	11,19		
KCKPJ4	PowerPlex® ESI-17					
	15,17.3	16,17	11,14	16,16		
	1	13,13			14,14	19,20
		13,13		12,14	13,13	
	30.2,31.2	15,16	X,X		22,24	
	18,28.2	6,6		11,19		
KCMGBK	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
	1	11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
KHR6B2	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
	1	11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
	18,28.2	6	8,12	11,19		
KJMP6R	Investigator® 24plex QS					
	15,17.3	16,17	11,14	16		9,13
	1	11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
	18,28.2	6	8,12	11,19		
KLB9YX	Identifiler® Plus, PowerPlex® Fusion 6C, GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
	1	11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
KNV92Y	PowerPlex® 21					
	15,17.3	16,17		16,16		9,13
	1	15,16	11,13	13,13		19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2		X,X	11,12	22,24	9,12
	10,15		6,6	8,12	11,19	

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

KPBDC	PowerPlex® Fusion 6C						
		15,17.3	16,17	11,14	16,16	9,13	
	1		11,13	13,13		14,14	19,20
		14,14	13,13		12,14	13,13	
		30.2,31.2	15,16	X,X	11,12	22,24	9,12
	10,15	18,28.2	6,6	8,12	11,19		
KQ66M4	GlobalFiler™, MiniFiler						
		15,17.3	16,17	11,14	16	9,13	
	1		11,13	13		14	19,20
		14	13		12,14	13	
		30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6	8,12	11,19		
L8H9F9	Identifiler® Plus, MiniFiler						
		Not typed	16,17	Not typed	16,16	Not typed	9,13
	1		11,13	13,13	Not typed	Not typed	Not typed
		14,14	13,13	Not typed	12,14	13,13	Not typed
		30.2,31.2	Not typed	X,X	11,12	22,24	Not typed
	Not typed	Not typed	6,6	8,12	11,19		
L9GB9J	PowerPlex® Fusion 6C						
		15,17.3	16,17	11,14	16	9,13	
	1		11,13	13		14	19,20
		14	13		12,14	13	
		30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19		
LB42LA	GlobalFiler™						
		15,17.3	16,17	11,14	16	9,13	
	1		11,13	13		14	19,20
		14	13		12,14	13	
		30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19		
LGV94H	GlobalFiler™						
		15,17.3	16,17	11,14	16	9,13	
	1		11,13	13		14	19,20
		14	13		12,14	13	
		30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19		
LH66PM	Identifiler® Direct						
			16,17		16	9,13	
	1		11,13	13			
		14	13		12,14	13	
		30.2,31.2		X,X	11,12	22,24	
			6	8,12	11,19		

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

LJZQCL	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19	
LK9XGZ	Identifiler® Direct					
	-	16,17	-	16	-	9,13
1		11,13	13	-	-	-
	14	13	-	12,14	13	-
	30.2,31.2	-	X,X	11,12	22,24	-
	-	-	6	8,12	11,19	
LP7DC3	Identifiler® Plus					
		16,17		16		9,13
1		11,13	13			
	14	13		12,14	13	
	30.2,31.2		X	11,12	22,24	
			6	8,12	11,19	
LU4QZR	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
LUYJPJ	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
LVYCTJ	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19	
LXHLHB	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19	

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

LY9J2B	Identifiler® Plus					
		16,17		16,16		9,13
1		11,13	13,13			
	14,14	13,13		12,14	13,13	
	30.2,31.2		X,X	11,12	22,24	
			6,6	8,12	11,19	
M6C4LK	Identifiler® Direct					
	-	16,17	-	16	-	9,13
1	-	11,13	13	-	-	-
	14	13	-	12,14	13	-
	30.2,31.2	-	X,X	11,12	22,24	-
	-	-	6	8,12	11,19	
M84Y9U	Identifiler®					
	n/a	16,17	n/a	16,16	n/a	9,13
1	n/a	11,13	13,13	n/a	n/a	n/a
	14,14	13,13	n/a	12,14	13,13	n/a
	30.2,31.2	n/a	X,X	11,12	22,24	n/a
	n/a	n/a	6,6	8,12	11,19	
M9U322	GlobalFiler™ Express					
	15,17.3	16,17	11,14	16,16	-	9,13
1	-	11,13	13,13	-	14,14	19,20
	14,14	13,13	-	12,14	13,13	-
	30.2,31.2	15,16	X,X	11,12	22,24	-
	-	18,28.2	6,6	8,12	11,19	
MAC8JY	GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6,6	8,12	11,19	
MBHPFA	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19	
MK7PPR	Identifiler®					
	N/A	16,17	N/A	16,16	N/A	9,13
1	N/A	11,13	13,13	N/A	N/A	N/A
	14,14	13,13	N/A	12,14	13,13	N/A
	30.2,31.2	N/A	X,X	11,12	22,24	N/A
	N/A	N/A	6,6	8,12	11,19	

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

MLJ4BF	Identifiler® Plus, GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6,6	8,12	11,19	
MMGDN7	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
MVRM4C	GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6,6	8,12	11,19	
N2RDVG	GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6,6	8,12	11,19	
N6AT3M	Identifiler®					
		16,17		16,16		9,13
1		11,13	13,13			
	14,14	13,13		12,14	13,13	
	30.2,31.2		X,X	11,12	22,24	
			6,6	8,12	11,19	
NHGJ6V	PowerPlex® 5C, 6C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
NJT7RF	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19	

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

NKKGE3	PowerPlex® Fusion 6C						
		15,17.3	16,17	11,14	16,16	9,13	
	1		11,13	13,13		14,14	19,20
		14,14	13,13		12,14	13,13	
		30.2,31.2	15,16	X,X	11,12	22,24	9,12
	10,15	18,28.2	6,6	8,12	11,19		
NPEFL7	Identifiler® Plus						
			16,17		16,16	9,13	
	1		11,13	13,13			
		14,14	13,13		12,14	13,13	
		30.2,31.2		X,X	11,12	22,24	
			6,6	8,12	11,19		
NTFE4Q	Identifiler®						
		N/A	16,17	N/A	16,16	N/A	9,13
	1		11,13	13,13	N/A	N/A	N/A
		14,14	13,13	N/A	12,14	13,13	N/A
		30.2,31.2	N/A	X,X	11,12	22,24	N/A
	N/A	N/A	6,6	8,12	11,19		
NVJAMU	GlobalFiler™						
		15,17.3	16,17	11,14	16	-	9,13
	1		11,13	13	-	14	19,20
		14	13	-	12,14	13	-
		30.2,31.2	15,16	X	11,12	22,24	-
	-	18,28.2	6	8,12	11,19		
NYZEGH	PowerPlex® Fusion 6C						
		15,17.3	16,17	11,14	16		9,13
	1		11,13	13		14	19,20
		14	13		12,14	13	
		30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19		
P68F7J	GlobalFiler™ Express						
		15,17.3	16,17	11,14	16		9,13
	1		11,13	13		14	19,20
		14	13		12,14	13	
		30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19		
PCM7GC	GlobalFiler™						
		15,17.3	16,17	11,14	16,16		9,13
	1		11,13	13,13		14,14	19,20
		14,14	13,13		12,14	13,13	
		30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6,6	8,12	11,19		

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

PEW7N6	GlobalFiler™ Express					
		15,17.3	16,17	11,14	16	9,13
	1		11,13	13		14,19,20
		14	13		12,14	13
		30.2,31.2	15,16	X	11,12	22,24
		18,28.2	6	8,12	11,19	
PFKPJB	PowerPlex® Fusion					
		15,17.3	16,17	11,14	16	9,13
	1		11,13	13		14,19,20
		14	13		12,14	13
		30.2,31.2	15,16	X	11,12	22,24,9,12
	10,15		6	8,12	11,19	
PFN634	Identifiler® Plus					
			16,17		16	9,13
	1		11,13	13		
		14	13		12,14	13
		30.2,31.2		X	11,12	22,24
			6	8,12	11,19	
PLEAYD	GlobalFiler™					
		15,17.3	16,17	11,14	16	9,13
	1		11,13	13		14,19,20
		14	13		12,14	13
		30.2,31.2	15,16	X	11,12	22,24
		18,28.2	6	8,12	11,19	
PLYZZL	Identifiler® Plus, GlobalFiler™					
		15,17.3	16,17	11,14	16,16	9,13
	1		11,13	13,13		14,14,19,20
		14,14	13,13		12,14	13,13
		30.2,31.2	15,16	X,X	11,12	22,24
		18,28.2	6,6	8,12	11,19	
PM6KLZ	PowerPlex® Fusion 6C					
		15,17.3	16,17	11,14	16,16	9,13
	1		11,13	13,13		14,14,19,20
		14,14	13,13		12,14	13,13
		30.2,31.2	15,16	X,X	11,12	22,24,9,12
	10,15	18,28.2	6,6	8,12	11,19	
PQCU2C	Identifiler® Plus					
			16,17		16	9,13
	1		11,13	13		
		14	13		12,14	13
		30.2,31.2		X	11,12	22,24
			6	8,12	11,19	

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

PRMXDF	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
	1	11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
	18,28.2	6	8,12	11,19		
PU9K63	Identifiler® Plus					
	15,17.3	16,17	11,14	16		9,13
	1	11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
	18,28.2	6	8,12	11,19		
PVJJ3W	GlobalFiler™ Express					
	15,17.3	16,17	11,14	16,16		9,13
	1	11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,32.2	15,16	X,X	11,12	22,24	
	18,28.2	6,6	8,12	11,19		
PZW3P7	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
	1	11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
	18,28.2	6	8,12	11,19		
Q2NGP4	Identifiler®					
	15,17.3	16,17	11,14	16,16		9,13
	1	11,13	13,13		14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
	18,28.2	6,6	8,12	11,19		
Q4NZZG	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
	1	11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
	18,28.2	6	8,12	11,19		
Q4U2D4	Identifiler®					
	15,17.3	16,17	11,14	16,16		9,13
	1	11,13	13,13		14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
	18,28.2	6,6	8,12	11,19		



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

QA2JNP	Identifiler®					
	N/A	16,17	N/A	16,16	N/A	9,13
1	N/A	11,13	13,13	N/A	N/A	N/A
	14,14	13,13	N/A	12,14	13,13	N/A
	30.2,31.2	N/A	X,X	11,12	22,24	N/A
	N/A	N/A	6,6	8,12	11,19	
QA934C	Identifiler® Plus, GlobalFiler™					
	15,17.3	16,17	11,14	16,16	n/t	9,13
1	n/t	11,13	13,13	n/t	14,14	19,20
	14,14	13,13	n/t	12,14	13,13	n/t
	30.2,31.2	15,16	X,X	11,12	22,24	n/t
	n/t	18,28.2	6,6	8,12	11,19	
QBTMB6	Identifiler®					
		16,17		16,16		9,13
1		11,13	13,13			
	14,14	13,13		12,14	13,13	
	30.2,31.2		X,X	11,12	22,24	
			6,6	8,12	11,19	
QDG6JH	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
QNXXKC	GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6,6	8,12	11,19	
QRFZMC	GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6,6	8,12	11,19	
QTRVBN	Identifiler® Plus, PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	

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

QX4TP4	GlobalFiler™ Express					
		15,17.3	16,17	11,14	16	9,13
	1		11,13	13		14,19,20
		14	13		12,14	13
		30.2,31.2	15,16	X	11,12	22,24
		18,28.2	6	8,12	11,19	
QYEKTD	PowerPlex® Fusion					
		15,17.3	16,17	11,14	16,16	9,13
	1		11,13	13,13		14,14,19,20
		14,14	13,13		12,14	13,13
		30.2,31.2	15,16	X,X	11,12	22,24,9,12
	10,15		6,6	8,12	11,19	
R23E9T	PowerPlex® Fusion 6C; 16					
		15,17.3	16,17	11,14	16	9,13
	1		11,13	13		14,19,20
		14	13		12,14	13
		30.2,31.2	15,16	X	11,12	22,24,9,12
	10,15	18,28.2	6	8,12	11,19	
R3UGU9	Identifiler® Plus					
			16,17		16	9,13
	1		11,13	13		
		14	13		12,14	13
		30.2,31.2		X	11,12	22,24
			6	8,12	11,19	
R9GDL6	GlobalFiler™					
		15,17.3	16,17	11,14	16	9,13
	1		11,13	13		14,19,20
		14	13		12,14	13
		30.2,31.2	15,16	X	11,12	22,24
		18,28.2	6	8,12	11,19	
RDU328	Identifiler® Plus					
			16,17		16,16	9,13
	1		11,13	13,13		
		14,14	13,13		12,14	13,13
		30.2,31.2		X,X	11,12	22,24
			6,6	8,12	11,19	
RFJ8XK	GlobalFiler™					
		15,17.3	16,17	11,14	16	9,13
	1		11,13	13		14,19,20
		14	13		12,14	13
		30.2,31.2	15,16	X	11,12	22,24
		18,28.2	6	8,12	11,19	

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

RHTA2Q	GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6,6	8,12	11,19	
RLNAJD	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
RP9BR7	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19	
RQWTMC	GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6,6	8,12	11,19	
RVGEZT	PowerPlex® 21					
	15,17.3	16,17		16,16		9,13
1	15,16	11,13	13,13			19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2		X,X	11,12	22,24	9,12
	10,15		6,6	8,12	11,19	
T7UYXU	Identifiler® Plus					
		16,17		16		9,13
1		11,13	13			
	14	13		12,14	13	
	30.2,31.2		X	11,12	22,24	
			6	8,12	11,19	
TCD7BT	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19	

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

TLK8AY	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
TNPVA	Identifiler®, GlobalFiler™ Express					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19	
TRQU9U	PowerPlex® Fusion					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15		6	8,12	11,19	
TTZN29	Identifiler® Plus					
		16,17		16,16		9,13
1		11,13	13,13			
	14,14	13,13		12,14	13,13	
	30.2,31.2		X,X	11,12	22,24	
			6,6	8,12	11,19	
TVCCQE	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
TW4B4D	Identifiler® Plus					
		16,17		16		9,13
1		11,13	13			
	14	13		12,14	13	
	30.2,31.2		X	11,12	22,24	
			6	8,12	11,19	
U69Q3W	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19	

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

U8Y4PA	Identifiler®, GlobalFiler™ Express					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19	
U9D8LL	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19	
U9MN7D	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19	
UBJVYQ	PowerPlex® 21					
	15,17.3	16,17		16,16		9,13
1	15,16	11,13	13,13			19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2		X,X	11,12	22,24	9,12
	10,15		6,6	8,12	11,19	
UBKPHW	Identifiler® Plus					
		16,17		16		9,13
1		11,13	13			
	14	13		12,14	13	
	30.2,31.2			11,12	22,24	
			6	8,12	11,19	
UFQBG2	Identifiler® Plus					
		16,17		16,16		9,13
1		11,13	13,13			
	14,14	13,13		12,14	13,13	
	30.2,31.2		X,X	11,12	22,24	
			6,6	8,12	11,19	
UGNQJQ	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19	

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

UHVXXC	PowerPlex® Fusion 6C					
		15,17.3	16,17	11,14	16	9,13
	1		11,13	13		14,19,20
		14	13		12,14	13
		30.2,31.2	15,16	X	11,12	22,24,9,12
	10,15	18,28.2	6	8,12	11,19	
UK4FR2	Identifiler® Plus, GlobalFiler™					
		15,17.3	16,17	11,14	16,16	NT,9,13
	1		11,13	13,13	NT	14,14,19,20
		14,14	13,13	NT	12,14	13,13,NT
		30.2,31.2	15,16	X,X	11,12	22,24,NT
	NT	18,28.2	6,6	8,12	11,19	
UKLAKP	PowerPlex® 21					
		15,17.3	16,17		16,16	9,13
	1		11,13	13,13		14,19,20
		14,14	13,13		12,14	13,13
		30.2,31.2		X,X	11,12	22,24,9,12
	10,15		6,6	8,12	11,19	
UMD9YM	PowerPlex® Fusion6C					
		15,17.3	16,17	11,14	16	9,13
	1		11,13	13		14,19,20
		14	13		12,14	13
		30.2,31.2	15,16	X	11,12	22,24,9,12
	10,15	18,28.2	6	8,12	11,19	
UP3FJK	PowerPlex® Fusion 6C Direct					
		15,17.3	16,17	11,14	16	9,13
	1		11,13	13		14,19,20
		14	13		12,14	13
		30.2,31.2	15,16	X	11,12	22,24,9,12
	10,15	18,28.2	6	8,12	11,19	
UQ6MBB	PowerPlex® F6C					
		15,17.3	16,17	11,14	16	9,13
	1		11,13	13		14,19,20
		14	13		12,14	13
		30.2,31.2	15,16	X	11,12	22,24,9,12
	10,15	18,28.2	6	8,12	11,19	
UTR7C9	Identifiler® Plus, GlobalFiler™					
		15,17.3	16,17	11,14	16,16	9,13
	1		11,13	13,13		14,14,19,20
		14,14	13,13		12,14	13,13
		30.2,31.2	15,16	X,X	11,12	22,24
		18,28.2	6,6	8,12	11,19	

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

UTY63C	Identifiler® Plus					
		16,17		16		9,13
1		11,13	13			
	14	13		12,14	13	
	30.2,31.2		X	11,12	22,24	
			6	8,12	11,19	
UXC3AY	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19	
UZYN3M	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
V66NQX	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	9,12
	10,15	18,28.2	6,6	8,12	11,19	
V9QJGW	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19	
VA2D86	GlobalFiler™ Express					
	15,17.3	16,17	11,14	16,16	NT	9,13
1	NT	11,13	13,13	NT	14,14	19,20
	14,14	13,13	NT	12,14	13,13	NT
	30.2,31.2	15,16	X,X	11,12	22,24	NT
	NT	18,28.2	6,6	8,12	11,19	
VAYPN7						
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6,6	8,12	11,19	

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

VC6AC7	GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
	1	11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
	18,28.2	6,6	8,12	11,19		
VD36Q4	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
	1	11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
	18,28.2	6	8,12	11,19		
VG66QZ	GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
	1	11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
	18,28.2	6,6	8,12	11,19		
VRZJLQ	GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
	1	11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
	18,28.2	6,6	8,12	11,19		
VU9HUE	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
	1	11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
	18,28.2	6	8,12	11,19		
W67TQR	Identifiler® Plus					
		16,17		16		9,13
	1	11,13	13			
	14	13		12,14	13	
	30.2,31.2		X	11,12	22,24	
		6	8,12	11,19		
W6ZLFJ	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
	1	11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	



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

WDF8PM	PowerPlex® Fusion 5C, 6C, GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
WEQEJ4	PowerPlex® Fusion					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15		6	8,12	11,19	
WM8LQ9	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
WRCMPG	Identifiler® Plus, GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6,6	8,12	11,19	
WU4HCP	Essplex SE QS					
	15,17.3	16,17	11,14	16,16		
1			13,13		14,14	19,20
		13,13		12,14	13,13	
	30.2,31.2	15,16	X,X		22,24	
		18,28.2	6,6		11,19	
WU69NZ	Identifiler® Plus					
		16,17		16,16		9,13
1		11,13	13,13			
	14,14	13,13		12,14	13,13	
	30.2,31.2		X,X	11,12	22,24	
			6,6	8,12	11,19	
WU6DW	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	

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

X3TQAL	PowerPlex® Fusion 6C					
		15,17.3	16,17	11,14	16	9,13
	1		11,13	13		14,19,20
		14	13		12,14	13
		30.2,31.2	15,16	X	11,12	22,24,9,12
	10,15	18,28.2	6	8,12	11,19	
XFGLUR	PowerPlex® Fusion 6C					
		15,17.3	16,17	11,14	16	9,13
	1		11,13	13		14,19,20
		14	13		12,14	13
		30.2,31.2	15,16	X	11,12	22,24,9,12
	10,15	18,28.2	6	8,12	11,19	
XH4A48	PowerPlex® Fusion 6C					
		15,17.3	16,17	11,14	16	9,13
	1		11,13	13		14,19,20
		14	13		12,14	13
		30.2,31.2	15,16	X	11,12	22,24,9,12
	10,15	18,28.2	6	8,12	11,19	
XLP8KB	GlobalFiler™ Express					
		15,17.3	16,17	11,14	16	9,13
	1		11,13	13		14,19,20
		14	13		12,14	13
		30.2,31.2	15,16	X	11,12	22,24
		18,28.2	6	8,12	11,19	
XMH8DE	Identifiler® Plus, GlobalFiler™					
		15,17.3	16,17	11,14	16,16	9,13
	1		11,13	13,13		14,14,19,20
		14,14	13,13		12,14	13,13
		30.2,31.2	15,16	X,X	11,12	22,24
		18,28.2	6,6	8,12	11,19	
XNBTDX	Identifiler® Plus					
			16,17		16,16	9,13
	1		11,13	13,13		
		14,14	13,13		12,14	13,13
		30.2,31.2		X,X	11,12	22,24
			6,6	8,12	11,19	
XR9GMD	GlobalFiler™					
		15,17.3	16,17	11,14	16,16	9,13
	1		11,13	13,13		14,14,19,20
		14,14	13,13		12,14	13,13
		30.2,31.2	15,16	X,X	11,12	22,24
		18,28.2	6,6	8,12	11,19	

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

XU24MV	GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
	1	11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
	18,28.2	6,6	8,12	11,19		
XUWVCM	GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
	1	11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
	18,28.2	6,6	8,12	11,19		
XUZDER	Identifiler® Plus					
	1	16,17		16		9,13
	1	11,13	13			
	14	13		12,14	13	
	30.2,31.2		X	11,12	22,24	
		6	8,12	11,19		
XW8NBW	GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
	1	11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
	18,28.2	6,6	8,12	11,19		
XXFX6E	Investigator® 24plex QS					
	15,17.3	16,17	11,14	16		9,13
	1	11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
	18,28.2	6	8,12	11,19		
XXK6NA	Identifiler® Plus, PowerPlex® Fusion					
	15,17.3	16,17	11,14	16		9,13
	1	11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	6	8,12	11,19		
XXV773	PowerPlex® Fusion					
	15,17.3	16,17	11,14	16		9,13
	1	11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	6	8,12	11,19		

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

Y3BRZU	GlobalFiler™ Express					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19	
Y6KR62	PowerPlex® 21					
	15,17.3	16,17		16,16		9,13
1	15,16	11,13	13,13			19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2		X,X	11,12	22,24	9,12
	10,15		6,6	8,12	11,19	
Y76ZU3	PowerPlex® Fusion 5C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15		6	8,12	11,19	
YB4A7Q	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	9,12
	10,15	18,28.2	6,6	8,12	11,19	
YCE8LT	Identifiler® Plus					
		16,17		16		9,13
1		11,13	13			
	14	13		12,14	13	
	30.2,31.2		X	11,12	22,24	
			6	8,12	11,19	
YKMLKN	Identifiler® Plus					
		16,17		16		9,13
1		11,13	13			
	14	13		12,14	13	
	30.2,31.2		X,X	11,12	22,24	
			6	8,12	11,19	
YN8NDE	PowerPlex® Fusion 6C Direct					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	

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

YP2CVB	GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
	1	11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
	18,28.2	6,6	8,12	11,19		
YWJU3Q	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16,16		9,13
	1	11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	9,12
	10,15	18,28.2	6,6	8,12	11,19	
YYMK8K	Identifiler® Plus					
	1	16,17		16,16		9,13
	1	11,13	13,13			
	14,14	13,13		12,14	13,13	
	30.2,31.2		X,X	11,12	22,24	
		6,6	8,12	11,19		
YZH72C	GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
	1	11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
	18,28.2	6,6	8,12	11,19		
YZN9YW	GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
	1	11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
	18,28.2	6,6	8,12	11,19		
Z764D7	PowerPlex® Fusion 5C, 6C					
	15,17.3	16,17	11,14	16		9,13
	1	11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
Z76AA7	Identifiler® Plus, PowerPlex® Fusion					
	15,17.3	16,17	11,14	16		9,13
	1	11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15		6	8,12	11,19	

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

Z7Y6N3	Identifiler® Plus, GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6,6	8,12	11,19	
ZBYALG	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
ZCQC9V	Identifiler® Plus, GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6,6	8,12	11,19	
ZDMLM8	Identifiler® Plus, PowerPlex® fusion					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15		6	8,12	11,19	
ZGHJQ6	Identifiler® Plus, GlobalFiler™					
	15,17.3	16,17	11,14	16,16		9,13
1		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	
		18,28.2	6,6	8,12	11,19	
ZJQPBK	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19	
ZRLU2Z	PowerPlex® Fusion					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15		6	8,12	11,19	

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

ZTZ8U4	GlobalFiler™					
	15,17.3	16,17	11,14	16		9,13
1		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	
		18,28.2	6	8,12	11,19	
ZYHMCF	Identifiler®					
	N/A	16,17	N/A	16,16	N/A	9,13
1	N/A	11,13	13,13	N/A	N/A	N/A
	14,14	13,13	N/A	12,14	13,13	N/A
	30.2,31.2	N/A	X,X	11,12	22,24	N/A
	N/A	N/A	6,6	8,12	11,19	

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

22LKJ2	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8,8	16,18		
23KHZP	Identifiler® Plus					
	18,24			15,17		9,12
	2	8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		6,9	8	16,18		
273XC3	GlobalFiler™ Express					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
2A38HX	Identifiler® Plus					
	18,24			15,17		9,12
	2	8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		6,9	8	16,18		
2HGTQ2	PowerPlex® Fusion 5C					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12	6,9	8,8	16,18		
2J6BL8	Identifiler® DIRECT					
	-	18,24	-	15,17	-	9,12
	2	8,12	13,15	-	-	-
	11,13	9,13	-	13,15	14,15.2	-
	29,32.2	-	X,Y	11,12	25,26	-
	-	6,9	8	16,18		
2KLF7Q	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	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

2PCVQR	GlobalFiler™ Express					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
2Q8C8V	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
2RGRT8	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8,8	16,18		
2X8XVN	Identifiler® Plus, PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
32LTD8	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12	19,34.2	6,9	8,8	16,18	
33DXJY	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8,8	16,18		
34RKW8	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	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 2 - STR Results

37DDP2	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2	8,12 13,15 15,17 17,19					
	11,13	9,13		13,15	14,15.2	
	29,32.2 16,16 X,Y 11,12 25,26					
		19,34.2	6,9	8,8	16,18	
389PV3	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2	8,12 13,15 15,17 17,19					
	11,13	9,13		13,15	14,15.2	
	29,32.2 16,16 X,Y 11,12 25,26					
		19,34.2	6,9	8,8	16,18	
3ACKCK	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2	8,12 13,15 15,17 17,19					
	11,13	9,13		13,15	14,15.2	
	29,32.2 16,16 X,Y 11,12 25,26					
		19,34.2	6,9	8,8	16,18	
3DUMG6	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
2	8,12 13,15 15,17 17,19					
	11,13	9,13		13,15	14,15.2	
	29,32.2 16 X,Y 11,12 25,26 10					
	7,12	19,34.2	6,9	8	16,18	
3RE3K4	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
2	8,12 13,15 15,17 17,19					
	11,13	9,13		13,15	14,15.2	
	29,32.2 16 X,Y 11,12 25,26 10					
	7,12	19,34.2	6,9	8	16,18	
3RTVWX	Identifiler® Plus					
		18,24		15,17		9,12
2	8,12 13,15					
	11,13	9,13		13,15	14,15.2	
	29,32.2 X,Y 11,12 25,26					
			6,9	8	16,18	
3WQ3NM	Identifiler® Plus					
		18,24		15,17		9,12
2	8,12 13,15					
	11,13	9,13		13,15	14,15.2	
	29,32.2 X,Y 11,12 25,26					
			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 2 - STR Results

3YZBVL	Identifiler® Plus, PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
3ZPENT	Identifiler® Plus					
		18,24		15,17		9,12
2		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
43AU7Z	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
43QYQJ	PowerPlex® Fusion 5C					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12		6,9	8	16,18	
44874N	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
44LKKB	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
44NBN8	Investigator® 24plex QS					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	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

46DN66	Identifiler® Plus, GlobalFiler™, MiniFiler					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
46Y2QW	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
4HKGUW	Identifiler® Plus					
		18,24		15,17		9,12
2		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
4JJGX3	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
4Q4TXP	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
4QMERZ	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
4RDPG9	PowerPlex® Fusion 5C					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12		6,9	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

4WCW7C	PowerPlex® Fusion 6C Direct					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
4XK7YA	Investigator® 24plex QS					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
4YAJE7	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
62UT2D	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
62ZVZX	PowerPlex® Fusion 5C					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12		6,9	8,8	16,18	
6DV8AQ	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12	19,34.2	6,9	8,8	16,18	
6EM4WY	Identifiler®, GlobalFiler™ Express					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	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

6ERPF	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
6FURPA	PowerPlex® ESIFast					
	14,16	18,24	10,14	15,17		
2			13,15		15,17	17,19
		9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y		25,26	
		19,34.2	6,9		16,18	
6HMGFH	Identifiler® Plus					
		18,24		15,17		9,12
2		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
6HN9C6	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
6KQAAG	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
6LYFKV	PowerPlex® ESI FAST 16					
	14,16	18,24	10,14	15,17		
2			13,15		15,17	17,19
		9,13		13,15	14,15.2	
	29,32.2	16	X,Y		25,26	
			6,9		16,18	
6MU6TJ	Identifiler® Plus, PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	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 2 - STR Results

6NELDT	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
6TJHWT	Identifiler® Plus					
	18,24			15,17		9,12
	2	8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		6,9	8	16,18		
6WNBQQ	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
74X2R9	PowerPlex® Fusion 6C Direct					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
77M6KF	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
7A2UUQ	Identifiler® Plus					
	18,24			15,17		9,12
	2	8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		6,9	8,8	16,18		
7HYKGM	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12	19,34.2	6,9	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 2 - STR Results

7QUKVF	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
7XTABX	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
7YK8NW	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
88WL9D	PowerPlex® FUision6C					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
8BEUHY	Identifiler® Plus					
		18,24		15,17		9,12
2		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8	16,18	
8BU8UN	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
8C9FCP	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	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 2 - STR Results

8EYDM	GlobalFiler™ Express					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
8LUXFW	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8,8	16,18		
8LVNNZ	Identifiler® Direct					
		18,24		15,17		9,12
	2	8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		6,9	8,8	16,18		
8YNXJL	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
8YZTUR	Identifiler® Plus					
		18,24		15,17		9,12
	2	8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		6,9	8,8	16,18		
94RBQH	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12	19,34.2	6,9	8,8	16,18	
9AVEH3	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	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

9DVRYZ	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
9EZZLA	Identifiler® Plus, PentaD, PentaE					
	18,24			15,17		9,12
	2	8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	10
	7,12	6,9	8	16,18		
9KFQTE	PowerPlex® ESI-17 FAST					
	14,16	18,24	10,14	15,17		
	2		13,15		15,17	17,19
		9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y		25,26	
	19,34.2	6,9		16,18		
9M6XDC	PowerPlex® Fusion					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12	6,9	8,8	16,18		
9MMWJM	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12	19,34.2	6,9	8,8	16,18	
9MPQYL	GlobalFiler™ Express					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
9TAWMF	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12	19,34.2	6,9	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 2 - STR Results

9TUH8J	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
9VG6Z8	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
9YVMBW	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8,8	16,18		
9ZQ8ZG	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12	19,34.2	6,9	8,8	16,18	
A7VE4Q	Identifiler® Plus, Investigator® 24plex GO!					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8,8	16,18		
AAG4N4	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,[INC],34.2	6,9	8	16,18	
AEM72J	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	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

AENR26	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
AFZQXZ	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
AKWDQN	Identifiler® Plus					
		18,24		15,17		9,12
2		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8	16,18	
AKXYHA	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
AMHYJB	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
ARVQMW	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
AT9AUA	Identifiler® Plus					
		18,24		15,17		9,12
2		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	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

AVEUGA	Identifiler® ID+	18,24		15,17		9,12
2		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
AXD2VR	Identifiler® Plus	18,24		15,17		9,12
2		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
AXGGBD	Identifiler® Direct	18,24		15,17		9,12
2		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8	16,18	
AYWUYA	PowerPlex® 21	14,16	18,24	15,17		9,12
2		13,15	8,12	13,15		17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	10,10
	7,12		6,9	8,8	16,18	
B2HX88	PowerPlex® 21	14,16	18,24	15,17		9,12
2		13,15	8,12	13,15		17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	10,10
	7,12		6,9	8,8	16,18	
B37G3D	PowerPlex® ESI-17 FAST	14,16	18,24	10,14	15,17	
2				13,15		15,17
		9,13			13,15	14,15.2
	29,32.2	16,16	X,Y			25,26
		19,34.2	6,9			16,18
B6XPXZ	Investigator® 24plex QS	14,16	18,24	10,14	15,17	9,12
2		8,12	13,15			15,17
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	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

B77RZY	Identifiler® Plus	18,24		15,17		9,12
2		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
B8ZHXL	Identifiler® Plus, GlobalFiler™	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
B9WQEX	Identifiler® Direct	18,24		15,17		9,12
2		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
BAQLTT	Identifiler® Plus, GlobalFiler™	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
BD4J4M	Identifiler® Plus	18,24		15,17		9,12
2		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8	16,18	
BE8UBQ	Identifiler® Plus	18,24		15,17		9,12
2		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8	16,18	
BG8FPB	GlobalFiler™	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	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

BHXHCQ	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
BUXZEE	Identifiler® Plus, PowerPlex® F6C (Direct)					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
BWY34F	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
BXUVT8	PowerPlex® Fusion 5C & 6C, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
C97FRU	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
CJB8J9	PowerPlex® Fusion 6C; 16					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
CMP32R	GlobalFiler™					
	14,16	18,24	10,14	15,17	N/A	9,12
2	N/A	8,12	13,15	N/A	15,17	17,19
	11,13	9,13	N/A	13,15	14,15.2	N/A
	29,32.2	16,16	X,Y	11,12	25,26	N/A
	N/A	19,34.2	6,9	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

CNPW7R	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
CP2XNJ	Identifiler® Plus, PowerPlex® Fusion 6C Direct					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
CV7G6W	Identifiler® Direct					
	-	18,24	-	15,17	-	9,12
	2	8,12	13,15	-	-	-
	11,13	9,13	-	13,15	14,15.2	-
	29,32.2	-	X,Y	11,12	25,26	-
	-	6,9	8	16,18		
D32WBF	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
DC9HDP	Identifiler® Plus					
		18,24		15,17		9,12
	2	8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		6,9	8,8	16,18		
DDYU22	PowerPlex® Fusion6C					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,[INC],34.2	6,9	8	16,18	
DEEZE7	PowerPlex® 5C, 6C, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	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

DNJ7CE	Identifiler® Plus	18,24		15,17		9,12
2		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8	16,18	
DQ9DWB	PowerPlex® Fusion	18,24	10,14	15,17	N/A	9,12
2	N/A	8,12	13,15	N/A	15,17	17,19
	11,13	9,13	N/A	13,15	14,15.2	N/A
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	N/A	6,9	8	16,18	
DU63UA	Identifiler® Direct	18,24		15,17		9,12
2		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8	16,18	
DWV7GP	Identifiler® Plus, GlobalFiler™	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
DYZWQP	GlobalFiler™	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
E2KWUC	Identifiler® Plus	18,24		15,17		9,12
2		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8	16,18	
E7D7VX	GlobalFiler™	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	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 2 - STR Results

E7GVXA	PowerPlex® ESI17 Fast					
	14,16	18,24	10,14	15,17		
2			13,15		15,17	17,19
		9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y		25,26	
		19,34.2	6,9		16,18	
EB83H4	PowerPlex®					
	14,16	18,24		15,17		9,12
2		8,12	13,15			17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	10
	7,12		6,9	8	16,18	
EBTQN6	PowerPlex® 21					
	14,16	18,24		15,17		9,12
2		8,12	13,15			17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	10,10
	7,12		6,9	8,8	16,18	
EFMNFG	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12	19,34.2	6,9	8,8	16,18	
EHA34Q	PowerPlex® Fusion					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12		6,9	8	16,18	
EM63XT	PowerPlex® Fusion					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12		6,9	8,8	16,18	
ENYKKN	Identifiler® Plus					
		18,24		15,17		9,12
2		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			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 2 - STR Results

EPTHL3	GlobalFiler™						
		14,16	18,24	10,14	15,17	Not Tested	9,12
	2	Not Tested	8,12	13,15	Not Tested	15,17	17,19
		11,13	9,13	Not Tested	13,15	14,15.2	Not Tested
		29,32.2	16	X,Y	11,12	25,26	Not Tested
		Not Tested	19,34.2	6,9	8	16,18	
ETND3G	Identifiler® 16						
			18,24		15,17		9,12
	2		8,12	13,15			
		11,13	9,13		13,15	14,15.2	
		29,32.2		X,Y	11,12	25,26	
				6,9	8,8	16,18	
EV4LN6	Identifiler® Plus, GlobalFiler™						
		14,16	18,24	10,14	15,17		9,12
	2		8,12	13,15		15,17	17,19
		11,13	9,13		13,15	14,15.2	
		29,32.2	16	X,Y	11,12	25,26	
			19,34.2	6,9	8	16,18	
EVDH2F	PowerPlex® Fusion 6C						
		14,16	18,24	10,14	15,17		9,12
	2		8,12	13,15		15,17	17,19
		11,13	9,13		13,15	14,15.2	
		29,32.2	16	X,Y	11,12	25,26	10
		7,12	19,34.2	6,9	8	16,18	
EZ8ACX	GlobalFiler™						
		14,16	18,24	10,14	15,17		9,12
	2		8,12	13,15		15,17	17,19
		11,13	9,13		13,15	14,15.2	
		29,32.2	16,16	X,Y	11,12	25,26	
			19,34.2	6,9	8,8	16,18	
F7AVLC	Identifiler® Plus						
			18,24		15,17		9,12
	2		8,12	13,15			
		11,13	9,13		13,15	14,15.2	
		29,32.2		X,Y	11,12	25,26	
				6,9	8	16,18	
F82Y78	Identifiler® Direct						
			18,24		15,17		9,12
	2		8,12	13,15			
		11,13	9,13		13,15	14,15.2	
		29,32.2		X,Y	11,12	25,26	
				6,9	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 2 - STR Results

F9JZY2	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
2	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
FBA8JX	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
2	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
FDYE4U	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
2	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
FE7XGW	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
FJKBNB	Identifiler® Plus					
		18,24		15,17		9,12
2	8,12		13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8	16,18	
FK9UJG	Identifiler® Plus					
		18,24		15,17		9,12
2	8,12		13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
FKBU9A	Identifiler® Plus, PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
2	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	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

FKUMYL	Identifiler® Plus					
		18,24		15,17		9,12
2		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
FNUKYE	Identifiler®					
		18,24		15,17		9,12
2		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
FXFVZT	Identifiler® Plus, PowerPlex® Fusion					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12		6,9	8	16,18	
FYBFPD	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12	19,34.2	6,9	8,8	16,18	
G2WKXB	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
GA72F9	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
GE689T	PowerPlex® ESX 17 FAST					
	14,16	18,24	10,14	15,17		
2			13,15		15,17	17,19
		9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y		25,26	
		19,34.2	6,9		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

GLLRFY	PowerPlex® Fusion 6C					
		14,16	18,24	10,14	15,17	9,12
	2		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
	7,12	19,34.2	6,9	8	16,18	
GMC6RQ	GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	2		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
		19,34.2	6,9	8	16,18	
GMEM39	Identifiler® Plus					
			18,24		15,17	9,12
	2		8,12	13,15		
		11,13	9,13		13,15	14,15.2
		29,32.2		X,Y	11,12	25,26
			6,9	8	16,18	
GPZCGT	Identifiler® Plus, GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	2		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16,16	X,Y	11,12	25,26
		19,34.2	6,9	8,8	16,18	
GUEZ3B	GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	2		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
		19,34.2	6,9	8	16,18	
GV9TXU	GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	2		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
		19,34.2	6,9	8	16,18	
GXCQ6G	GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	2		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
		19,34.2	6,9	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

GYQYAB	PowerPlex® Fusion 6C					
		14,16	18,24	10,14	15,17	9,12
	2		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16,16	X,Y	11,12	25,26
	7,12	19,34.2	6,9	8,8	16,18	
H2RDGZ	PowerPlex® 21					
		14,16	18,24		15,17	9,12
	2		8,12	13,15		17,19
		11,13	9,13		13,15	14,15.2
		29,32.2		X,Y	11,12	25,26
	7,12		6,9	8,8	16,18	
H68YYL	Identifiler® Plus					
			18,24		15,17	9,12
	2		8,12	13,15		
		11,13	9,13		13,15	14,15.2
		29,32.2		X,Y	11,12	25,26
			6,9	8	16,18	
H6AMHL	GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	2		8,12	13,15		17,19
		11,13	9,13		13,15	14,15.2
		29,32.2	16,16	X,Y	11,12	25,26
		19,34.2	6,9	8,8	16,18	
H6UDEEC	GlobalFiler™ Express					
		14,16	18,24	10,14	15,17	9,12
	2		8,12	13,15		17,19
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
		19,34.2	6,9	8	16,18	
H9DFFQ	GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	2		8,12	13,15		17,19
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
		19,34.2	6,9	8	16,18	
HCCPTD	GlobalFiler™ Express					
		14,16	18,24	10,14	15,17	9,12
	2		8,12	13,15		17,19
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
		19,34.2	6,9	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

HEZ8MJ	Identifiler® Plus					
		18,24		15,17		9,12
2		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
HHGLFJ	PowerPlex® Fusion					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12		6,9	8,8	16,18	
HL2BZW	PowerPlex® Fusion 6C Direct					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
HLHQT6	Identifiler® Plus					
		18,24		15,17		9,12
2		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8	16,18	
HN8XD2	Identifiler® Plus					
		18,24		15,17		9,12
2		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
HQBQ8Z	Identifiler® Plus, PowerPlex® Fusion					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
HQVC3B	GlobalFiler™					
	14,16	18,24	10,14	15,17	-	9,12
2	-	8,12	13,15	-	15,17	17,19
	11,13	9,13	-	13,15	14,15.2	-
	29,32.2	16,16	X,Y	11,12	25,26	-
	-	19,34.2	6,9	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 2 - STR Results

HR3TRU	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
HX9HD9	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
HYR8ZA	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
J6BPVW	PowerPlex® FUSION 6C DIRECT					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
JAKAG9	Identifiler® Plus					
		18,24		15,17		9,12
2		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8	16,18	
JBXN3W	PowerPlex® Fusion6C					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
JFAMKG	Identifiler® Plus, Investigator® 24plex					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	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

JHCKQ4	Identifiler® Plus	18,24		15,17		9,12
2		8,12	13,15			
		11,13		13,15	14,15.2	
		29,32.2	X,Y	11,12	25,26	
			6,9	8	16,18	
JQ7QM	PowerPlex® Fusion 6C	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
		11,13		13,15	14,15.2	
		29,32.2	X,Y	11,12	25,26	10
		7,12	6,9	8	16,18	
JTC78B	PowerPlex® Fusion 6C	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
		11,13		13,15	14,15.2	
		29,32.2	X,Y	11,12	25,26	10
		7,12	6,9	8	16,18	
JUTDFD	GlobalFiler™	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
		11,13		13,15	14,15.2	
		29,32.2	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
JYLA7P	Identifiler®	18,24		15,17		9,12
2		8,12	13,15			
		11,13		13,15	14,15.2	
		29,32.2	X,Y	11,12	25,26	
			6,9	8,8	16,18	
K2L6ZC	Identifiler®	18,24		15,17		9,12
2		8,12	13,15			
		11,13		13,15	14,15.2	
		29,32.2	X,Y	11,12	25,26	
			6,9	8,8	16,18	
K47YT7	PowerPlex® Fusion 6C	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
		11,13		13,15	14,15.2	
		29,32.2	X,Y	11,12	25,26	10
		7,12	6,9	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

KBQWNL	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
KCKPJ4	PowerPlex® ESI-17					
	14,16	18,24	10,14	15,17		
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y		25,26	
	19,34.2	6,9		16,18		
KCMGBK	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
KHR6B2	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
KJMP6R	Investigator® 24plex QS					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
KLB9YX	Identifiler® Plus, PowerPlex® Fusion 6C, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
KNV92Y	PowerPlex® 21					
	14,16	18,24		15,17		9,12
	2	13,15	8,12	13,15		17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	10,10
	7,12		6,9	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 2 - STR Results

KPBDC	PowerPlex® Fusion 6C					
		14,16	18,24	10,14	15,17	9,12
	2		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16,16	X,Y	11,12	25,26
	7,12	19,34.2	6,9	8,8	16,18	10,10
KQ66M4	GlobalFiler™, MiniFiler					
		14,16	18,24	10,14	15,17	9,12
	2		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
		19,34.2	6,9	8	16,18	
L8H9F9	Identifiler® Plus, MiniFiler					
		Not typed	18,24	Not typed	15,17	Not typed
	2		8,12	13,15	Not typed	Not typed
		11,13	9,13	Not typed	13,15	14,15.2
		29,32.2	Not typed	X,Y	11,12	25,26
	Not typed	Not typed	6,9	8,8	16,18	Not typed
L9GB9J	PowerPlex® Fusion 6C					
		14,16	18,24	10,14	15,17	9,12
	2		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
	7,12	19,34.2	6,9	8	16,18	10
LB42LA	GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	2		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
		19,34.2	6,9	8	16,18	
LGV94H	GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	2		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
		19,34.2	6,9	8	16,18	
LH66PM	Identifiler® Direct					
			18,24		15,17	9,12
	2		8,12	13,15		
		11,13	9,13		13,15	14,15.2
		29,32.2		X,Y	11,12	25,26
			6,9	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

LJZQCL	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
LK9XGZ	Identifiler® Direct					
	-	18,24	-	15,17	-	9,12
2		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2	-	X,Y	11,12	25,26	
			6,9	8	16,18	
LP7DC3	Identifiler® Plus					
		18,24		15,17		9,12
2		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8	16,18	
LU4QZR	PowerPlex® Fusion 6C Direct					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
LUYJPJ	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
LVYCTJ	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
LXHLHB	GlobalFiler™ Express					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	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 2 - STR Results

LY9J2B	Identifiler® Plus					
		18,24		15,17		9,12
2		8,12	13,15			
		11,13		13,15	14,15.2	
		29,32.2	X,Y	11,12	25,26	
			6,9	8,8	16,18	
M6C4LK	Identifiler® Direct					
	-	18,24	-	15,17	-	9,12
2	-	8,12	13,15	-	-	-
		11,13		13,15	14,15.2	-
		29,32.2	X,Y	11,12	25,26	-
		-	6,9	8	16,18	
M84Y9U	Identifiler®					
	n/a	18,24	n/a	15,17	n/a	9,12
2	n/a	8,12	13,15	n/a	n/a	n/a
		11,13		13,15	14,15.2	n/a
		29,32.2	X,Y	11,12	25,26	n/a
		n/a	6,9	8,8	16,18	
M9U322	GlobalFiler™ Express					
	14,16	18,24	10,14	15,17	-	9,12
2	-	8,12	13,15	-	15,17	17,19
		11,13		13,15	14,15.2	-
		29,32.2	X,Y	11,12	25,26	-
		-	6,9	8,8	16,18	
MAC8JY	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
		11,13		13,15	14,15.2	
		29,32.2	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
MBHPFA	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
		11,13		13,15	14,15.2	
		29,32.2	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
MK7PPR	Identifiler®					
	N/A	18,24	N/A	15,17	N/A	9,12
2	N/A	8,12	13,15	N/A	N/A	N/A
		11,13		13,15	14,15.2	N/A
		29,32.2	X,Y	11,12	25,26	N/A
		N/A	6,9	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 2 - STR Results

MLJ4BF	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
MMGDN7	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
MVRM4C	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
N2RDVG	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
N6AT3M	Identifiler®					
		18,24		15,17		9,12
2		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
NHGJ6V	PowerPlex® 5C, 6C					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
NJT7RF	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	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

NKKGE3	PowerPlex® Fusion 6C					
		14,16	18,24	10,14	15,17	9,12
	2		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16,16	X,Y	11,12	25,26
		7,12	19,34.2	6,9	8,8	16,18
NPEFL7	Identifiler® Plus					
			18,24		15,17	9,12
	2		8,12	13,15		
		11,13	9,13		13,15	14,15.2
		29,32.2		X,Y	11,12	25,26
				6,9	8,8	16,18
NTFE4Q	Identifiler®					
		N/A	18,24	N/A	15,17	9,12
	2		8,12	13,15	N/A	N/A
		11,13	9,13	N/A	13,15	14,15.2
		29,32.2	N/A	X,Y	11,12	25,26
		N/A	N/A	6,9	8,8	16,18
NVJAMU	GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	2		8,12	13,15	-	15,17
		11,13	9,13	-	13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
		-	19,34.2	6,9	8	16,18
NYZEGH	PowerPlex® Fusion 6C					
		14,16	18,24	10,14	15,17	9,12
	2		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
		7,12	19,34.2	6,9	8	16,18
P68F7J	GlobalFiler™ Express					
		14,16	18,24	10,14	15,17	9,12
	2		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
			19,34.2	6,9	8	16,18
PCM7GC	GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	2		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16,16	X,Y	11,12	25,26
			19,34.2	6,9	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 2 - STR Results

PEW7N6	GlobalFiler™ Express					
		14,16	18,24	10,14	15,17	9,12
	2		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
		19,34.2	6,9	8	16,18	
PFKPJB	PowerPlex® Fusion					
		14,16	18,[24]	10,14	15,17	9,12
	2		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
	7,12		6,9	8	16,18	
PFN634	Identifiler® Plus					
			18,24		15,17	9,12
	2		8,12	13,15		
		11,13	9,13		13,15	14,15.2
		29,32.2		X,Y	11,12	25,26
			6,9	8	16,18	
PLEAYD	GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	2		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
		19,34.2	6,9	8	16,18	
PLYZZL	Identifiler® Plus, GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	2		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16,16	X,Y	11,12	25,26
		19,34.2	6,9	8,8	16,18	
PM6KLZ	PowerPlex® Fusion 6C					
		14,16	18,24	10,14	15,17	9,12
	2		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16,16	X,Y	11,12	25,26
	7,12	19,34.2	6,9	8,8	16,18	
PQCU2C	Identifiler® Plus					
			18,24		15,17	9,12
	2		8,12	13,15		
		11,13	9,13		13,15	14,15.2
		29,32.2		X,Y	11,12	25,26
			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 2 - STR Results

PRMXDF	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
PU9K63	Identifiler® Plus					
	18,24			15,17		9,12
	2	8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		6,9	8	16,18		
PVJJ3W	Identifiler® Plus					
	18,24			15,17		9,12
	2	8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		6,9	8,8	16,18		
PZW3P7	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
Q2NGP4	Identifiler®					
	18,24			15,17		9,12
	2	8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		6,9	8,8	16,18		
Q4NZZG	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
Q4U2D4	Identifiler®					
	18,24			15,17		9,12
	2	8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		6,9	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 2 - STR Results

QA2JNP	Identifiler®					
	N/A	18,24	N/A	15,17	N/A	9,12
2	N/A	8,12	13,15	N/A	N/A	N/A
	11,13	9,13	N/A	13,15	14,15.2	N/A
	29,32.2	N/A	X,Y	11,12	25,26	N/A
	N/A	N/A	6,9	8,8	16,18	
QA934C	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17	n/t	9,12
2	n/t	8,12	13,15	n/t	15,17	17,19
	11,13	9,13	n/t	13,15	14,15.2	n/t
	29,32.2	16,16	X,Y	11,12	25,26	n/t
	n/t	19,34.2	6,9	8,8	16,18	
QBTMB6	Identifiler®					
		18,24		15,17		9,12
2		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
QDG6JH	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
QNXXKC	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
QRFZMC	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
QTRVBN	Identifiler® Plus, PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	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

QX4TP4	GlobalFiler™ Express					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
QYEKTD	PowerPlex® Fusion					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12	6,9	8,8	16,18		
R23E9T	PowerPlex® Fusion 6C; 16					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
R3UGU9	Identifiler® Plus					
		18,24		15,17		9,12
	2	8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		6,9	8	16,18		
R9GDL6	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
RDU328	Identifiler® Plus					
		18,24		15,17		9,12
	2	8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		6,9	8,8	16,18		
RFJ8XK	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	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

RHTA2Q	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
RLNAJD	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
RP9BR7	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
RQWTMC	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
RVGEZT	PowerPlex® 21					
	14,16	18,24		15,17		9,12
2	13,15	8,12	13,15			17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	10,10
	7,12		6,9	8,8	16,18	
T7UYXU	Identifiler® Plus					
		18,24		15,17		9,12
2		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8	16,18	
TCD7BT	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	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

TLK8AY	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
TNPVA	Identifiler®, GlobalFiler™ Express					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
TRQU9U	PowerPlex® Fusion					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12		6,9	8	16,18	
TTZN29	Identifiler® Plus					
		18,24		15,17		9,12
2		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
TVCCQE	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
TW4B4D	Identifiler® Plus					
		18,24		15,17		9,12
2		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8	16,18	
U69Q3W	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	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

U8Y4PA	Identifiler®, GlobalFiler™ Express					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
U9D8LL	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
U9MN7D	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
UBJVYQ	PowerPlex® 21					
	14,16	18,24		15,17		9,12
2		8,12	13,15			17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	10,10
	7,12		6,9	8,8	16,18	
UBKPHW	Identifiler® Plus					
		18,24		15,17		9,12
2		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2			11,12	25,26	
			6,9	8	16,18	
UFQBG2	Identifiler® Plus					
		18,24		15,17		9,12
2		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
UGNQJQ	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	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

UHVXC	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
UK4FR2	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17	NT	9,12
2		8,12	13,15	NT	15,17	17,19
	11,13	9,13	NT	13,15	14,15.2	NT
	29,32.2	16,16	X,Y	11,12	25,26	NT
	NT	19,34.2	6,9	8,8	16,18	
UKLAKP	PowerPlex® 21					
	14,16	18,24		15,17		9,12
2		8,12	13,15			17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	10,10
	7,12		6,9	8,8	16,18	
UMD9YM	PowerPlex® Fusion6C					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
UP3FJK	PowerPlex® Fusion 6C Direct					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
UQ6MBB	PowerPlex® F6C					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
UTR7C9	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	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 2 - STR Results

UTY63C	Identifiler® Plus					
		18,24		15,17		9,12
2		8,12	13,15			
		11,13		13,15	14,15.2	
		29,32.2	X,Y	11,12	25,26	
			6,9	8	16,18	
UXC3AY	GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
2		8,12	13,15		15,17	17,19
		11,13		13,15	14,15.2	
		29,32.2	16	X,Y	11,12	25,26
			19,34.2	6,9	8	16,18
UZYN3M	PowerPlex® Fusion 6C					
		14,16	18,24	10,14	15,17	9,12
2		8,12	13,15		15,17	17,19
		11,13		13,15	14,15.2	
		29,32.2	16	X,Y	11,12	25,26
		7,12	19,34.2	6,9	8	16,18
V66NQX	PowerPlex® Fusion 6C					
		14,16	18,24	10,14	15,17	9,12
2		8,12	13,15		15,17	17,19
		11,13		13,15	14,15.2	
		29,32.2	16,16	X,Y	11,12	25,26
		7,12	19,34.2	6,9	8,8	16,18
V9QJGW	GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
2		8,12	13,15		15,17	17,19
		11,13		13,15	14,15.2	
		29,32.2	16	X,Y	11,12	25,26
			19,34.2	6,9	8	16,18
VA2D86	GlobalFiler™ Express					
		14,16	18,24	10,14	15,17	NT
2		NT	8,12	13,15	NT	15,17
		11,13	9,13	NT	13,15	14,15.2
		29,32.2	16,16	X,Y	11,12	25,26
		NT	19,34.2	6,9	8,8	16,18
VAYPN7						
		14,16	18,24	10,14	15,17	9,12
2		8,12	13,15		15,17	17,19
		11,13		13,15	14,15.2	
		29,32.2	16,16	X,Y	11,12	25,26
			19,34.2	6,9	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 2 - STR Results

VC6AC7	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	19,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
VD36Q4	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
VG66QZ	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
VRZJLQ	Identifiler® Plus					
		18,24		15,17		9,12
2		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
VU9HUE	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
W67TQR	Identifiler® Plus					
		18,24		15,17		9,12
2		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8	16,18	
W6ZLFJ	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	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

WDF8PM	PowerPlex® Fusion 5C, 6C, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
WEQEJ4	PowerPlex® Fusion					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12		6,9	8	16,18	
WM8LQ9	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
WRCMPG	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
WU4HCP	Essplex SE QS					
	14,16	18,24	10,14	15,17		
2			13,15		15,17	17,19
		9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y		25,26	
		19,34.2	6,9		16,18	
WU69NZ	Identifiler® Plus					
		18,24		15,17		9,12
2		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
WU6DW	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	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

X3TQAL	PowerPlex® Fusion 6C					
		14,16	18,24	10,14	15,17	9,12
	2		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
	7,12	19,34.2	6,9	8	16,18	
XFGLUR	PowerPlex® Fusion 6C					
		14,16	18,24	10,14	15,17	9,12
	2		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
	7,12	19,34.2	6,9	8	16,18	
XH4A48	PowerPlex® Fusion 6C					
		14,16	18,24	10,14	15,17	9,12
	2		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
	7,12	19,34.2	6,9	8	16,18	
XLP8KB	GlobalFiler™ Express					
		14,16	18,24	10,14	15,17	9,12
	2		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
		19,34.2	6,9	8	16,18	
XMH8DE	Identifiler® Plus, GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	2		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16,16	X,Y	11,12	25,26
		19,34.2	6,9	8,8	16,18	
XNBTDX	Identifiler® Plus					
			18,24		15,17	9,12
	2		8,12	13,15		
		11,13	9,13		13,15	14,15.2
		29,32.2		X,Y	11,12	25,26
			6,9	8,8	16,18	
XR9GMD	GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	2		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16,16	X,Y	11,12	25,26
		19,34.2	6,9	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

XU24MV	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8,8	16,18		
XUWVCM	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8,8	16,18		
XUZDER	Identifiler® Plus					
		18,24		15,17		9,12
	2	8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		6,9	8	16,18		
XW8NBW	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8,8	16,18		
XXFX6E	Investigator® 24plex QS					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
XXK6NA	Identifiler® Plus, PowerPlex® Fusion					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	6,9	8	16,18		
XXV773	PowerPlex® Fusion					
	14,16	18,24	10,14	15,17		9,12
	2	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	6,9	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

Y3BRZU	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
Y6KR62	PowerPlex® 21					
	14,16	18,24		15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	10,10
	7,12		6,9	8,8	16,18	
Y76ZU3	PowerPlex® Fusion 5C					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12		6,9	8	16,18	
YB4A7Q	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12	19,34.2	6,9	8,8	16,18	
YCE8LT	Identifiler® Plus					
		18,24		15,17		9,12
2		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8	16,18	
YKMLKN	Identifiler® Plus					
		18,24		15,17		9,12
2		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8	16,18	
YN8NDE	PowerPlex® Fusion 6C Direct					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	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

YP2CVB	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
YWJU3Q	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12	19,34.2	6,9	8,8	16,18	
YYMK8K	Identifiler® Plus					
		18,24		15,17		9,12
2		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
YZH72C	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
YZN9YW	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
Z764D7	PowerPlex® Fusion 5C, 6C					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
Z76AA7	Identifiler® Plus, PowerPlex® Fusion					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12		6,9	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

Z7Y6N3	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
ZBYALG	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
ZCQC9V	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
ZDMLM8	Identifiler® Plus, PowerPlex® fusion					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12		6,9	8	16,18	
ZGHJQ6	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
ZJQPBK	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
ZRLU2Z	PowerPlex® Fusion					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12		6,9	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

ZTZ8U4	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
2		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
ZYHMCf	Identifiler®					
	N/A	18,24	N/A	15,17	N/A	9,12
2	N/A	8,12	13,15	N/A	N/A	N/A
	11,13	9,13	N/A	13,15	14,15.2	N/A
	29,32.2	N/A	X,Y	11,12	25,26	N/A
	N/A	N/A	6,9	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 3 - STR Results

22LKJ2	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8,8	16,18		
23KHZP	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
2A38HX	Identifiler® Plus					
		18,24		15,17		9,12
	3	8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		6,9	8	16,18		
2HGTQ2	PowerPlex® Fusioin 5C					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12	6,9	8,8	16,18		
2J6BL8	Identifiler® Plus					
	-	18,24	-	15,17	-	9,12
	3	8,12	13,15	-	-	-
	11,13	9,13	-	13,15	14,15.2	-
	29,32.2	-	X,Y	11,12	25,26	-
	-	6,9	8	16,18		
2KLF7Q	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
2PCVQR	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	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 3 - STR Results

2Q8C8V	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
2RGRT8	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
2X8XVN	Identifiler® Plus, PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
32LTD8	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8,8	16,18	
33DXJY	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
34RKW8	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
37DDP2	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	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 3 - STR Results

389PV3	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8,8	16,18		
3ACKCK	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8,8	16,18		
3DUMG6	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
3RE3K4	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
3RTVWX	Identifiler® Plus, MiniFiler					
		18,24		15,17		9,12
	3	8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		6,9	8	16,18		
3WQ3NM	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
3YZBVL	Identifiler® Plus, PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	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 3 - STR Results

3ZPENT	Identifiler® Plus	18,24		15,17		9,12
3		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
43AU7Z	GlobalFiler™	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
43QYQJ	PowerPlex® Fusion 5C	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12		6,9	8	16,18	
44874N	PowerPlex® Fusion 6C	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
44LKKB	PowerPlex® Fusion 6C	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
44NBN8	Investigator® 24plex QS	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
46DN66	Identifiler® Plus, GlobalFiler™, MiniFiler	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	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 3 - STR Results

46Y2QW	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
4HKGUW	Identifiler® Plus					
		18,24		15,17		9,12
3		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
4JJGX3	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
4Q4TXP	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
4QMERZ	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
4RDPG9	PowerPlex® Fusion 5C					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12		6,9	8	16,18	
4WCW7C	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	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 3 - STR Results

4XK7YA	Investigator® 24plex QS					
	14,16	18,24	10,14	15,17		9,12
3	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
4YAJE7	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
62UT2D	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
3	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
62ZVZX	PowerPlex® Fusion 5C					
	14,16	18,24	10,14	15,17		9,12
3	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12		6,9	8,8	16,18	
6DV8AQ	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
3	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12	19,34.2	6,9	8,8	16,18	
6ERPFF	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
6HMGFH	Identifiler® Plus					
		18,24		15,17		9,12
3	8,12		13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	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 3 - STR Results

6HN9C6	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
3	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
6KQAAG	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
6LYFKV	PowerPlex® ESI FAST 16					
	14,16	18,24	10,14	15,17		
3			13,15		15,17	17,19
		9,13		13,15	14,15.2	
	29,32.2	16	X,Y		25,26	
			6,9		16,18	
6MU6TJ	Identifiler® Plus, PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
3	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
6NELDT	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
6TJHWT	Identifiler® Plus					
		18,24		15,17		9,12
3	8,12		13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8	16,18	
6WNBQQ	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	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 3 - STR Results

74X2R9	PowerPlex® Fusion 6C					
		14,16	18,24	10,14	15,17	9,12
	3		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
		7,12	19,34.2	6,9	8	16,18
77M6KF	GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	3		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
			19,34.2	6,9	8	16,18
7A2UUQ	Identifiler® Plus					
			18,24		15,17	9,12
	3		8,12	13,15		
		11,13	9,13		13,15	14,15.2
		29,32.2		X,Y	11,12	25,26
				6,9	8,8	16,18
7HYKGM	PowerPlex® Fusion 6C					
		14,16	18,24	10,14	15,17	9,12
	3		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16,16	X,Y	11,12	25,26
		7,12	19,34.2	6,9	8,8	16,18
7QUKVF	GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	3		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16,16	X,Y	11,12	25,26
			19,34.2	6,9	8,8	16,18
7XTABX	PowerPlex® Fusion 6C					
		14,16	18,24	10,14	15,17	9,12
	3		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
		7,12	19,34.2	6,9	8	16,18
7YK8NW	GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	3		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16,16	X,Y	11,12	25,26
			19,34.2	6,9	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 3 - STR Results

88WL9D	PowerPlex® Fusion6C					
	14,16	18,24	10,14	15,17		9,12
3	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
8BEUHY	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
8BU8UN	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
8C9FCP	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
8EVYDM	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
8LUXFW	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
8LVNNZ	Identifiler® Plus					
		18,24		15,17		9,12
3	8,12		13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	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 3 - STR Results

8YNXJL	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
8YZTUR	Identifiler® Plus					
		18,24		15,17		9,12
3		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
94RBQH	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12	19,34.2	6,9	8,8	16,18	
9AVEH3	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
9DVRYZ	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
9EZZLA	Identifiler® Plus					
		18,24		15,17		9,12
3		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	10
	7,12		6,9	8	16,18	
9GU28G	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12	19,34.2	6,9	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 3 - STR Results

9KFQTE	PowerPlex® ESI-17 FAST					
	14,16	18,24	10,14	15,17		
3			13,15		15,17	17,19
		9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y		25,26	
		19,34.2	6,9		16,18	
9M6XDC	PowerPlex® Fusion					
	14,16	18,24	10,14	15,17		9,12
3			13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12		6,9	8,8	16,18	
9MMWJM	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
3			13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12	19,34.2	6,9	8,8	16,18	
9MPQYL	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3			13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
9TAWMF	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
3			13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12	19,34.2	6,9	8,8	16,18	
9TUH8J	GlobalFiler™, MiniFiler					
	14,16	18,24	10,14	15,17		9,12
3			13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
9VG6Z8	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3			13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	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 3 - STR Results

9YVMBW	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8,8	16,18		
9ZQ8ZG	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12	19,34.2	6,9	8,8	16,18	
A7VE4Q	Identifiler® Plus, Investigator® 24plex QS					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8,8	16,18		
AAG4N4	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,[INC],34.2	6,9	8	16,18	
AEM72J	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
AENR26	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
AFZQXZ	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	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 3 - STR Results

AKWDQN	Identifiler® Plus	18,24		15,17		9,12
3		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8	16,18	
AKXYHA	PowerPlex® Fusion 6C	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
AMHYJB	GlobalFiler™	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
		19,34.2	6,9	8	16,18	
ARVQMW	PowerPlex® Fusion 6C	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
AT9AUA	Identifiler® Plus	18,24		15,17		9,12
3		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
AVEUGA	Identifiler® ID+	18,24		15,17		9,12
3		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
AXD2VR	Identifiler® Plus	18,24		15,17		9,12
3		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	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 3 - STR Results

AXGGBD	Identifiler® Plus	18,24		15,17		9,12
3		8,12	13,15			
		11,13		13,15	14,15.2	
		29,32.2	X,Y	11,12	25,26	
			6,9	8	16,18	
AYWUYA	PowerPlex® 21	18,24		15,17		9,12
3		8,12	13,15			17,19
		11,13		13,15	14,15.2	
		29,32.2	X,Y	11,12	25,26	10,10
		7,12	6,9	8,8	16,18	
B2HX88	PowerPlex® 21	18,24		15,17		9,12
3		8,12	13,15			17,19
		11,13		13,15	14,15.2	
		29,32.2	X,Y	11,12	25,26	10,10
		7,12	6,9	8,8	16,18	
B37G3D	PowerPlex® ESI-17 FAST	18,24	10,14	15,17		
3			13,15		15,17	17,19
		9,13		13,15	14,15.2	
		29,32.2	16,16	X,Y	25,26	
		19,34.2	6,9		16,18	
B6XPXZ	Investigator® 24plex QS	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
		11,13		13,15	14,15.2	
		29,32.2	16	X,Y	11,12	25,26
		19,34.2	6,9	8	16,18	
B77RZY	Identifiler® Plus	18,24		15,17		9,12
3		8,12	13,15			
		11,13		13,15	14,15.2	
		29,32.2	X,Y	11,12	25,26	
			6,9	8,8	16,18	
B8ZHZL	Identifiler® Plus, GlobalFiler™	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
		11,13		13,15	14,15.2	
		29,32.2	16,16	X,Y	11,12	25,26
		19,34.2	6,9	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 3 - STR Results

BAQLTT	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
BD4J4M	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
BE8UBQ	Identifiler® Plus					
		18,24		15,17		9,12
3		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8	16,18	
BG8FPB	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
BHXHCQ	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
BUXZEE	Identifiler® Plus, PowerPlex® F6C					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
BWY34F	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	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 3 - STR Results

BXUVT8	PowerPlex® Fusion 5C & 6C, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
C97FRU	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
CJB8J9	PowerPlex® Fusion 6C; 16					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
CMP32R	GlobalFiler™					
	14,16	18,24	10,14	15,17	N/A	9,12
3	N/A	8,12	13,15	N/A	15,17	17,19
	11,13	9,13	N/A	13,15	14,15.2	N/A
	29,32.2	16,16	X,Y	11,12	25,26	N/A
	N/A	19,34.2	6,9	8,8	16,18	
CNPW7R	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
CV7G6W	Identifiler® Plus					
	-	18,24	-	15,17	-	9,12
3		8,12	13,15	-	-	-
	11,13	9,13	-	13,15	14,15.2	-
	29,32.2	-	X,Y	11,12	25,26	-
	-	-	6,9	8	16,18	
D32WBF	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	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 3 - STR Results

DC9HDP	Identifiler® Plus					
		18,24		15,17		9,12
3		8,12	13,15			
		11,13		13,15	14,15.2	
		29,32.2	X,Y	11,12	25,26	
			6,9	8,8	16,18	
DDYU22	PowerPlex® Fusion6C					
		14,16	18,24	10,14	15,17	9,12
3		8,12	13,15		15,17	17,19
		11,13		13,15	14,15.2	
		29,32.2	16	X,Y	11,12	25,26
		7,12	19,34.2	6,9	8	16,18
DEEZE7	PowerPlex® 5C, 6C, GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
3		8,12	13,15		15,17	17,19
		11,13		13,15	14,15.2	
		29,32.2	16	X,Y	11,12	25,26
		7,12	19,34.2	6,9	8	16,18
DNJ7CE	Identifiler® Plus					
		18,24		15,17		9,12
3		8,12	13,15			
		11,13		13,15	14,15.2	
		29,32.2	X,Y	11,12	25,26	
			6,9	8	16,18	
DQ9DWB	PowerPlex® Fusion					
		14,16	18,24	10,14	15,17	9,12
3		N/A	8,12	13,15	N/A	15,17
		11,13	9,13	N/A	13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
		7,12	N/A	6,9	8	16,18
DU63UA	Identifiler® Plus					
		18,24		15,17		9,12
3		8,12	13,15			
		11,13		13,15	14,15.2	
		29,32.2	X,Y	11,12	25,26	
			6,9	8	16,18	
DW7GP	Identifiler® Plus, GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
3		8,12	13,15		15,17	17,19
		11,13		13,15	14,15.2	
		29,32.2	16,16	X,Y	11,12	25,26
			19,34.2	6,9	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 3 - STR Results

DYZWQP	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8,8	16,18		
E2KWUC	Identifiler® Plus					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
E7D7VX	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8,8	16,18		
E7GVXA	PowerPlex® ESI17 Fast					
	14,16	18,24	10,14	15,17		
	3		13,15		15,17	17,19
		9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y		25,26	
	19,34.2	6,9		16,18		
EB83H4	PowerPlex®					
	14,16	18,24		15,17		9,12
	3	13,15	8,12	13,15		17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	10
	7,12	6,9	8	16,18		
EBTQN6	PowerPlex® 21					
	14,16	18,24		15,17		9,12
	3	13,15	8,12	13,15		17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	10,10
	7,12	6,9	8,8	16,18		
EFMNFG	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12	19,34.2	6,9	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 3 - STR Results

EHA34Q	PowerPlex® Fusion					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12		6,9	8	16,18	
EM63XT	PowerPlex® Fusion					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12		6,9	8,8	16,18	
ENYKKN	Identifiler® Plus					
		18,24		15,17		9,12
	3	8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		6,9	8	16,18		
EPTHL3	GlobalFiler™					
	14,16	18,24	10,14	15,17	Not Tested	9,12
	3	8,12	13,15	Not Tested	15,17	17,19
	11,13	9,13	Not Tested	13,15	14,15.2	Not Tested
	29,32.2	16	X,Y	11,12	25,26	Not Tested
	Not Tested	19,34.2	6,9	8	16,18	
ETND3G	Identifiler® 16					
			18,24	15,17		9,12
	3	8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		6,9	8,8	16,18		
EV4LN6	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
EVDH2F	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	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 3 - STR Results

EZ8ACX	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8,8	16,18		
F7AVLC	Identifiler® Plus					
	18,24			15,17		9,12
	3	8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		6,9	8	16,18		
F82Y78	Identifiler® Plus					
	18,24			15,17		9,12
	3	8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		6,9	8,8	16,18		
F9JZY2	Identifiler® Plus, PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
FBA8JX	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
FDYE4U	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
FE7XGW	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	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 3 - STR Results

FKBNB	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
FK9UJG	Identifiler® Plus					
	18,24			15,17		9,12
	3	8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		6,9	8,8	16,18		
FKBU9A	Identifiler® Plus, PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
FKUMYL	Identifiler® Plus					
	18,24			15,17		9,12
	3	8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		6,9	8,8	16,18		
FNUKYE	Identifiler®					
	18,24			15,17		9,12
	3	8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		6,9	8,8	16,18		
FXFVZT	Identifiler® Plus, PowerPlex® Fusion					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	6,9	8	16,18		
FYBFPD	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12	19,34.2	6,9	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 3 - STR Results

G2WKXB 3	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
GA72F9 3	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
GE689T 3	PowerPlex® ESX 17 FAST					
	14,16	18,24	10,14	15,17		
			13,15		15,17	17,19
		9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y		25,26	
		19,34.2	6,9		16,18	
GLLRFY 3	Identifiler® Plus, PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
GMC6RQ 3	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
GMEM39 3	Identifiler® Plus					
		18,24		15,17		9,12
		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		6,9	8	16,18		
GPZCGT 3	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	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 3 - STR Results

GUEZ3B	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
GV9TXU	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
GXCQ6G	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
GYQYAB	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12	19,34.2	6,9	8,8	16,18	
H2RDGZ	PowerPlex® 21					
	14,16	18,24		15,17		9,12
	3	13,15	8,12	13,15		17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	10,10
	7,12		6,9	8,8	16,18	
H68YYL	Identifiler® Plus, MiniFiler					
		18,24		15,17		9,12
	3	8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		6,9	8	16,18		
H6AMHL	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	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 3 - STR Results

H6UDEC	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
H9DFFQ	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
HCCPTD	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
HEZ8MJ	Identifiler® Plus					
		18,24		15,17		9,12
	3	8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		6,9	8,8	16,18		
HHGLFJ	PowerPlex® Fusion					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12	6,9	8,8	16,18		
HL2BZW	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,INC,34.2	6,9	8	16,18	
HLHQT6	Identifiler® Plus					
		18,24		15,17		9,12
	3	8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		6,9	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 3 - STR Results

HN8XD2	Identifiler® Plus	18,24		15,17		9,12
3		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
HQBQ8Z	Identifiler® Plus, PowerPlex® Fusion	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
HQVC3B	GlobalFiler™	18,24	10,14	15,17	-	9,12
3		8,12	13,15	-	15,17	17,19
	11,13	9,13	-	13,15	14,15.2	-
	29,32.2	16,16	X,Y	11,12	25,26	-
	-	19,34.2	6,9	8,8	16,18	
HR3TRU	GlobalFiler™	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
HX9HD9	GlobalFiler™	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
HYR8ZA	GlobalFiler™	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
J6BPVW	PowerPlex® FUSION 6C	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,[INC],34.2	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 3 - STR Results

JAKAG9	Identifiler® Plus	18,24		15,17		9,12
3		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8	16,18	
JBXN3W	GlobalFiler™	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
JFAMKG	Identifiler® Plus, Investigator® 24plex	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
JHCKQ4	Identifiler® Plus	18,24		15,17		9,12
3		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8	16,18	
JQ7QMQ	PowerPlex® Fusion 6C	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
JTC78B	PowerPlex® Fusion 6C	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
JUTDFD	GlobalFiler™	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	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 3 - STR Results

JYLA7P	Identifiler®					
		18,24		15,17		9,12
3		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
K2L6ZC	Identifiler®					
		18,24		15,17		9,12
3		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
K47YT7	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
KBQWNL	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
KCKPJ4	PowerPlex® ESI-17					
	14,16	18,24	10,14	15,17		
3			13,15		15,17	17,19
		9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y		25,26	
		19,34.2	6,9		16,18	
KCMGBK	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
KHR6B2	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	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 3 - STR Results

KJMP6R	Investigator® 24plex QS					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
KLB9YX	Identifiler® Plus, PowerPlex® Fusion 6C, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	19,34.2	6,9	8	16,18		
KNV92Y	PowerPlex® 21					
	14,16	18,24		15,17		9,12
	3	8,12	13,15			17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	10,10
	7,12	6,9	8,8	16,18		
KPBDXC	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12	6,9	8,8	16,18		
KQ66M4	GlobalFiler™, MiniFiler					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
L8H9F9	Identifiler® Plus, MiniFiler					
	Not typed	18,24	Not typed	15,17	Not typed	9,12
	3	8,12	13,15	Not typed	Not typed	Not typed
	11,13	9,13	Not typed	13,15	14,15.2	Not typed
	29,32.2	Not typed	X,Y	11,12	25,26	Not typed
	Not typed	6,9	8,8	16,18		
L9GB9J	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	6,9	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 3 - STR Results

LB42LA	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
LGV94H	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
LH66PM	Identifiler® Plus					
		18,24		15,17		9,12
3		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8	16,18	
LJZQCL	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
LK9XGZ	Identifiler® Plus					
	-	18,24	-	15,17	-	9,12
3		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2	-	X,Y	11,12	25,26	
			6,9	8	16,18	
LP7DC3	Identifiler® Plus					
		18,24		15,17		9,12
3		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8	16,18	
LU4QZR	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	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 3 - STR Results

LUYJPJ	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
LVYCTJ	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
LY9J2B	Identifiler® Plus					
		18,24		15,17		9,12
3		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
M6C4LK	Identifiler® Plus					
	-	18,24	-	15,17	-	9,12
3		8,12	13,15	-	-	-
	11,13	9,13	-	13,15	14,15.2	-
	29,32.2	-	X,Y	11,12	25,26	-
	-	-	6,9	8	16,18	
M84Y9U	Identifiler®					
	n/a	18,24	n/a	15,17	n/a	9,12
3		8,12	13,15	n/a	n/a	n/a
	11,13	9,13	n/a	13,15	14,15.2	n/a
	29,32.2	n/a	X,Y	11,12	25,26	n/a
	n/a	n/a	6,9	8,8	16,18	
M9U322	GlobalFiler™					
	14,16	18,24	10,14	15,17	-	9,12
3		8,12	13,15	-	15,17	17,19
	11,13	9,13	-	13,15	14,15.2	-
	29,32.2	16	X,Y	11,12	25,26	-
	-	19,34.2	6,9	8	16,18	
MAC8JY	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	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 3 - STR Results

MBHPFA	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,[9]	8	16,18		
MK7PPR	Identifiler®					
	N/A	18,24	N/A	15,17	N/A	9,12
	3	8,12	13,15	N/A	N/A	N/A
	11,13	9,13	N/A	13,15	14,15.2	N/A
	29,32.2	N/A	X,Y	11,12	25,26	N/A
	N/A	6,9	8,8	16,18		
MLJ4BF	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8,8	16,18		
MMGDN7	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
MVRM4C	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8,8	16,18		
N2RDVG	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8,8	16,18		
N6AT3M	Identifiler®					
		18,24		15,17		9,12
	3	8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		6,9	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 3 - STR Results

NHGJ6V	PowerPlex® 5C, 6C					
		14,16	18,24	10,14	15,17	9,12
	3		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
	7,12	19,34.2	6,9	8	16,18	
NJT7RF	GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	3		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
		19,34.2	6,9	8	16,18	
NKKGE3	PowerPlex® Fusion 6C					
		14,16	18,24	10,14	15,17	9,12
	3		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16,16	X,Y	11,12	25,26
	7,12	19,34.2	6,9	8,8	16,18	
NPEFL7	Identifiler® Plus					
			18,24		15,17	9,12
	3		8,12	13,15		
		11,13	9,13		13,15	14,15.2
		29,32.2		X,Y	11,12	25,26
			6,9	8,8	16,18	
NVJAMU	GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	3		8,12	13,15	-	15,17
		11,13	9,13	-	13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
	-	19,34.2	6,9	8	16,18	
NYZEGH	PowerPlex® Fusion 6C					
		14,16	18,24	10,14	15,17	9,12
	3		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
	7,12	19,34.2	6,9	8	16,18	
P68F7J	GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	3		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
		19,34.2	6,9	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 3 - STR Results

PCM7GC	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8,8	16,18		
PEW7N6	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
PFKPJB	PowerPlex® Fusion					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	[9],13		13,15	14,15.2	
	29,[32.2]	16	X,Y	11,12	25,26	10
	7,12	6,9	8	16,18		
PFN634	Identifiler® Plus					
		18,24		15,17		9,12
	3	8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		6,9	8	16,18		
PLEAYD	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
PLYZZL	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8,8	16,18		
PM6KLZ	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12	19,34.2	6,9	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 3 - STR Results

PQCU2C	Identifiler® Plus					
		18,24		15,17		9,12
3		8,12	13,15			
		11,13		13,15	14,15.2	
		29,32.2	X,Y	11,12	25,26	
			6,9	8	16,18	
PRMXDF	GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
3		8,12	13,15		15,17	17,19
		11,13		13,15	14,15.2	
		29,32.2	16	X,Y	11,12	25,26
		19,34.2	6,9	8	16,18	
PU9K63	Identifiler® Plus					
		18,24		15,17		9,12
3		8,12	13,15			
		11,13		13,15	14,15.2	
		29,32.2	X,Y	11,12	25,26	
			6,9	8	16,18	
PVJJ3W	Identifiler® Plus					
		18,24		15,17		9,12
3		8,12	13,15			
		11,13		13,15	14,15.2	
		29,32.2	X,Y	11,12	25,26	
			6,9	8,8	16,18	
PZW3P7	GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
3		8,12	13,15		15,17	17,19
		11,13		13,15	14,15.2	
		29,32.2	16	X,Y	11,12	25,26
		19,34.2	6,9	8	16,18	
Q2NGP4	Identifiler®					
		18,24		15,17		9,12
3		8,12	13,15			
		11,13		13,15	14,15.2	
		29,32.2	X,Y	11,12	25,26	
			6,9	8,8	16,18	
Q4NZZG	GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
3		8,12	13,15		15,17	17,19
		11,13		13,15	14,15.2	
		29,32.2	16	X,Y	11,12	25,26
		19,34.2	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 3 - STR Results

Q4U2D4	Identifiler®	18,24		15,17		9,12
3		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
QA2JNP	Identifiler®	18,24		15,17		9,12
3	N/A	8,12	13,15	N/A	N/A	N/A
	11,13	9,13	N/A	13,15	14,15.2	N/A
	29,32.2	N/A	X,Y	11,12	25,26	N/A
	N/A	N/A	6,9	8,8	16,18	
QA934C	Identifiler® Plus, GlobalFiler™	18,24	10,14	15,17	n/t	9,12
3	14,16	8,12	13,15	n/t	15,17	17,19
	n/t	9,13	n/t	13,15	14,15.2	n/t
	11,13	16,16	X,Y	11,12	25,26	n/t
	29,32.2	19,34.2	6,9	8,8	16,18	
	n/t					
QBTMB6	Identifiler®	18,24		15,17		9,12
3		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
QDG6JH	PowerPlex® Fusion 6C	18,24	10,14	15,17		9,12
3	14,16	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
QNXXKC	GlobalFiler™	18,24	10,14	15,17		9,12
3	14,16	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
QRFZMC	GlobalFiler™	18,24	10,14	15,17		9,12
3	14,16	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	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 3 - STR Results

QTRVBN	Identifiler® Plus, PowerPlex® Fusion 6C					
3	14,16	18,24	10,14	15,17		9,12
		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
QX4TP4	GlobalFiler™					
3	14,16	18,24	10,14	15,17		9,12
		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
QYEKTD	PowerPlex® Fusion					
3	14,16	18,24	10,14	15,17		9,12
		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12		6,9	8,8	16,18	
R23E9T	PowerPlex® Fusion 6C; 16					
3	14,16	18,24	10,14	15,17		9,12
		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
R3UGU9	Identifiler® Plus					
3		18,24		15,17		9,12
		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8	16,18	
R9GDL6	GlobalFiler™					
3	14,16	18,24	10,14	15,17		9,12
		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
RDU328	Identifiler® Plus					
3		18,24		15,17		9,12
		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	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 3 - STR Results

RFJ8XK	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
RHTA2Q	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
RLNAJD	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
3	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
RP9BR7	GlobalFiler™					
	14,16	18,[24]	10,14	15,17		9,12
3	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	[29],32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
RQWTMC	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
RVGEZT	PowerPlex® 21					
	14,16	18,24		15,17		9,12
3	13,15	8,12	13,15			17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	10,10
	7,12		6,9	8,8	16,18	
T7UYXU	Identifiler® Plus					
		18,24		15,17		9,12
3	8,12		13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	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 3 - STR Results

TCD7BT	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
TLK8AY	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
TRQU9U	PowerPlex® Fusion					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12		6,9	8	16,18	
TTZN29	Identifiler® Plus					
		18,24		15,17		9,12
3		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
TVCCQE	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
TW4B4D	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
U69Q3W	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	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 3 - STR Results

U9D8LL	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
U9MN7D	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
UBJVYQ	PowerPlex® 21					
	14,16	18,24		15,17		9,12
3		8,12	13,15			17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	10,10
	7,12		6,9	8,8	16,18	
UBKPHW	Identifiler® Plus					
		18,24		15,17		9,12
3		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2			11,12	25,26	
			6,9	8	16,18	
UFQBG2	Identifiler® Plus					
		18,24		15,17		9,12
3		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
UGNQJQ	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
UHVXXC	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	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 3 - STR Results

UK4FR2	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17	NT	9,12
3	NT	8,12	13,15	NT	15,17	17,19
	11,13	9,13	NT	13,15	14,15.2	NT
	29,32.2	16,16	X,Y	11,12	25,26	NT
	NT	19,34.2	6,9	8,8	16,18	
UKLAKP	PowerPlex® 21					
	14,16	18,24		15,17		9,12
3	13,15	8,12	13,15			17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	10,10
	7,12		6,9	8,8	16,18	
UMD9YM	Identifiler® Plus, PowerPlex® Fusion6C					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
UP3FJK	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,INC,34.2	6,9	8	16,18	
UQ6MBB	PowerPlex® F6C					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
UTR7C9	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
UTY63C	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	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 3 - STR Results

UXC3AY	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
UZYN3M	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
V66NQX	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12	19,34.2	6,9	8,8	16,18	
V9QJGW	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
VA2D86	GlobalFiler™					
	14,16	18,24	10,14	15,17	NT	9,12
3	NT	8,12	13,15	NT	15,17	17,19
	11,13	9,13	NT	13,15	14,15.2	NT
	29,32.2	16,16	X,Y	11,12	25,26	NT
	NT	19,34.2	6,9	8,8	16,18	
VAYPN7	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
VC6AC7	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	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 3 - STR Results

VD36Q4	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
VG66QZ	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
VRZJLQ	Identifiler® Plus					
		18,24		15,17		9,12
3		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
VU9HUE	Identifiler®					
		18,24		15,17		9,12
3		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8	16,18	
W67TQR	Identifiler® Plus					
		18,24		15,17		9,12
3		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8	16,18	
W6ZLFJ	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
WDF8PM	PowerPlex® Fusion 5C, 6C, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	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 3 - STR Results

WEQEJ4	PowerPlex® Fusion					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12		6,9	8	16,18	
WM8LQ9	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
WRCMPG	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
WU4HCP	Essplex SE QS					
	14,16	18,24	10,14	15,17		
3			13,15		15,17	17,19
		9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y		25,26	
		19,34.2	6,9		16,18	
WU6DVV	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
X3TQAL						
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
XFGLUR	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	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 3 - STR Results

XH4A48	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
XLP8KB	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
XMH8DE	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8,8	16,18		
XR9GMD	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8,8	16,18		
XU24MV	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8,8	16,18		
XUWVCM	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8,8	16,18		
XUZDER	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	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 3 - STR Results

XW8NBW	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8,8	16,18		
XXFX6E	Investigator® 24plex QS					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
XXK6NA	Identifiler® Plus, PowerPlex® Fusion					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	6,9	8	16,18		
XXV773	PowerPlex® Fusion					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	6,9	8	16,18		
Y3BRZU	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
Y6KR62	PowerPlex® 21					
	14,16	18,24		15,17		9,12
	3	13,15	8,12	13,15		17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	10,10
	7,12	6,9	8,8	16,18		
Y76ZU3	PowerPlex® Fusion 5C					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	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 3 - STR Results

YB4A7Q	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12	19,34.2	6,9	8,8	16,18	
YCE8LT	Identifiler® Plus					
		18,24		15,17		9,12
3		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8	16,18	
YKMLKN	Identifiler® Plus					
		18,24		15,17		9,12
3		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8	16,18	
YN8NDE	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
YP2CVB	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
YWJU3Q	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12	19,34.2	6,9	8,8	16,18	
YYMK8K	Identifiler® Plus					
		18,24		15,17		9,12
3		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	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 3 - STR Results

YZH72C	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8,8	16,18		
YZN9YW	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8,8	16,18		
Z764D7	PowerPlex® Fusion 5C, 6C					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
Z76AA7	Identifiler® Plus, PowerPlex® Fusion					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12		6,9	8	16,18	
Z7Y6N3	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8,8	16,18		
ZBYALG	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
ZCQC9V	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	3	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	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 3 - STR Results

ZDMLM8	Identifiler® Plus, PowerPlex® fusion					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12		6,9	8	16,18	
ZGHJQ6	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
ZJQPBK	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
ZRLU2Z	PowerPlex® Fusion					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12		6,9	8	16,18	
ZTZ8U4	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
3		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
ZYHMCF	Identifiler®					
	N/A	18,24	N/A	15,17	N/A	9,12
3	N/A	8,12	13,15	N/A	N/A	N/A
	11,13	9,13	N/A	13,15	14,15.2	N/A
	29,32.2	N/A	X,Y	11,12	25,26	N/A
	N/A	N/A	6,9	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

6FURPA	PowerPlex® ESIFast					
3e	[Redacted]					
<hr/>						
B9WQEX	Identifiler® Plus					
		18,24		15,17		9,12
3e	[Redacted]					
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
<hr/>						
NTFE4Q	Identifiler®					
	N/A	18,24	N/A	15,17	N/A	9,12
3e	[Redacted]					
	N/A	8,12	13,15	N/A	N/A	N/A
	11,13	9,13	N/A	13,15	14,15.2	N/A
	29,32.2		X,Y	11,12	25,26	
	N/A	N/A	6,9	8,8	16,18	
<hr/>						
WU69NZ	Identifiler® Plus					
		18,24		15,17		9,12
3e	[Redacted]					
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
<hr/>						
XNBTDX	Identifiler® Plus					
		18,24		15,17		9,12
3e	[Redacted]					
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	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 3sp - STR Results

6FURPA	PowerPlex® ESIFast					
	14,16	18,24	10,14	15,17		
3sp			13,15		15,17	17,19
		9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y		25,26	
		[15.2],19,[31],34.2	6,9		16,18	
B9WQEX	Identifiler® Plus					
				15,17		
3sp			13			
					14	
			X,Y	12		
			6,9	8	16,18	
NTE4Q	Identifiler®					
	N/A	18,24	N/A	15,17	N/A	9,12
3sp	N/A	8,12	13,15	N/A	N/A	N/A
	11,13	9,13	N/A	13,15	14,15.2	N/A
	29,32.2	N/A	X,Y	11,12	25,26	N/A
	N/A	N/A	6,9	8,8	16,18	
WU69NZ	Identifiler® Plus					
		18,24		15,17		9,12
3sp		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8	16,18	
XNBTDX	Identifiler® Plus					
		18,24		15,17		9,12
3sp		8,12	13,15			
	11,13	9,13		13	14	
	29		Y	11,12	25	
			6,9	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 4 - STR Results

2A38HX	Identifiler® Plus					
		16,17,18,24		15,16,17		9,12,13
4		8,11,12,13	13,15			
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2		X,Y	11,12	22,24,25,26	
			6,9	8,12	11,16,18,19	
3RTVWX	Identifiler® Plus, MiniFiler					
		16,17,18,24		15,16,17		9,12,13
4		8,11,12,13	13,15			
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2		X,Y	11,12	22,24,25,26	
			6,9	8,12	11,16,18,19	
6LYFKV	PowerPlex® ESI FAST 16					
	14,(15),16,(17.3)	(16),18,24	10,(11),14	15,(16),17		
4			13,15		(14),15,17	17,19,(20)
		9,13		13,(14),15	(13),14,15.2	
	29,(30.2),(31.2),32.2	16	X,Y		(22),(24),25,26	
			6,9		(11),16,18,(19)	
BWY34F	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
FNUKYE	Identifiler®					
		16,17,18,24		15,16,17		9,12,13
4		8,11,12,13	13,15			
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2		X,Y	11,12	22,24,25,26	
			6,9	8,12	11,16,18,19	
GA72F9	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,33.2,34.2	6,9	8,12	11,16,18,19	
H68YYL	Identifiler® Plus					
		16,17,18,24		15,16,17		9,12,13
4		8,11,12,13	13,15			
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2		X,Y	11,12	22,24,25,26	
			6,9	8,12	11,16,18,19	

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

HX9HD9	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
	4	8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
	18,19,28.2,34.2	6,9	8,12	11,16,18,19		
HYR8ZA	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
	4	8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
	18,19,28.2,34.2	6,9	8,12	11,16,18,19		
MVRM4C	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
	4	8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
	18,19,28.2,34.2	6,9	8,12	11,16,18,19		
Q2NGP4	Identifiler®					
		16,17,18,24		15,16,17		9,12,13
	4	8,11,12,13	13,15			
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2		X,Y	11,12	22,24,25,26	
		6,9	8,12	11,16,18,19		
Q4U2D4	Identifiler®					
		16,17,18,24		15,16,17		9,12,13
	4	8,11,12,13	13,15			
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2		X,Y	11,12	22,24,25,26	
		6,9	8,12	11,16,18,19		
WU4HCP	Essplex SE QS					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		
	4		13,15		14,15,17	17,19,20
		9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y		22,24,25,26	
	18,19,28.2,34.2	6,9		11,16,18,19		
XFGLUR	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
	4	8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	

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 4e - STR Results

22LKJ2	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
23KHZP	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
2HGTQ2	PowerPlex® Fusion 5C					
	[14],15,[16],17.3	16,17,[18],[24]	[10],11,14	[15],16,[17]		9,[12],13
4e		[8],11,[12],13	13,[15]		14,[15],[17]	[17],19,20
	[11],[13],14	[9],13		12,[13],14,[15]	13,[14],[15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,[Y]	11,12	22,24,[25],[26]	9,[10],12
	[7],10,[12],15		6,[9]	8,12	11,[16],[18],19	
2J6BL8	Identifiler® Plus					
	-	16,17,18,24	-	15,16,17	-	9,12,13
4e		8,11,12,13	13,15	-	-	-
	11,13,14	9,13	-	12,13,14,15	13,14,15.2	-
	29,30.2,31.2,32.2	-	X,Y	11,12	22,24,25,26	-
	-	-	6,9	8,12	11,16,18,19	
2KLF7Q	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
2PCVQR	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
2Q8C8V	GlobalFiler™					
	[14],15,[16],17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		[8],11,[12],13	13,15		14,[15],[17]	[17],19,20
	11,13,14	[9],13		12,[13],14,[15]	13,[14],[15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,[Y]	11,12	22,24,[25],[26]	
		18,[19],28.2,[34.2]	6,[9]	8,12	11,[16],[18],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 4e - STR Results

2RGRT8	Identifiler® Plus, GlobalFiler™					
	[14],15,[16],17.3	16,17,[18],[24]	[10],11,14	[15],16,[17]		9,[12],13
4e		[8],11,[12],13	13,[15]		14,[15],[17]	[17],19,20
	[11],[13],14	[9],13		12,[13],14,[15]	13,[14],[15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,[Y]	11,12	22,24,[25],[26]	
		18,[19],28.2,[34.2]	6,[9]	8,12	11,[16],[18],19	
2X8XVN	Identifiler® Plus, PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
32LTD8	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
33DXJY	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
34RKW8	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
37DDP2	Identifiler® Plus, GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
389PV3	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	

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 4e - STR Results

3ACKCK	GlobalFiler™					
	[14],15,[16],17.3	16,17,[18],[24]	[10],11,14	[15],16,[17]		9,[12],13
		[8],11,[12],13	13,[15]		14,[15],[17]	[17],19,20
	[11],[13],14	[9],13		12,[13],14,[15]	13,[14],[15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,[Y]	11,12	22,24,[25],[26]	
	18,[19],28.2,[34.2]	6,[9]	8,12	11,[16],[18],19		
3DUMG6	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
3RE3K4	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
3WQ3NM	GlobalFiler™					
	15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
		11,12,13	13,15		14	19,20
	11,13,14	13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X	11,12	22,24,25,26	
	18,19,28.2,34.2	6,9	8,12	11,16,18,19		
3YZBVL	Identifiler® Plus, PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
3ZPENT	Identifiler® Plus					
		16,17,[18],[24]		[15],16,16,[17]		9,[12],13
		[8],11,[12],13	13,13,[15]			
	[11],[13],14,14	[9],13,13		12,[13],14,[15]	13,13,[14],[15.2]	
	[29],30.2,31.2,[32.2]		X,X,[Y]	11,12	22,24,[25],[26]	
		6,6,[9]	8,12	11,[16],[18],19		
43AUZZ	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
	18,19,28.2,34.2	6,9	8,12	11,16,18,19		



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 4e - STR Results

43QYQJ	PowerPlex® Fusion 5C					
	[14],15,[16],[17.3]	16,17,[18],[24]	[10],11,14	[15],16,[17]		9,12,13
4e		[8],11,[12],13	13,[15]		14,[17]	[17],19,20
	[11],[13],14	[9],13		12,[13],14,[15]	13,[14],[15.2]	
	29,30.2,31.2,32.2	15,16	X,[Y]	11,12	22,24,[25],[26]	9,[10],12
	[7],10,[12],15		6,[9]	8,12	11,[16],[18],19	
44874N	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
44LKKB	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,[INC],34.2	6,9	8,12	11,16,18,19	
44NBN8	Investigator® 24plex QS					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
46DN66	Identifiler® Plus, GlobalFiler™, MiniFiler					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
46Y2QW	GlobalFiler™					
	[14],15,[16],17.3	16,17,[18,24]	[10],11,14	[15],16,[17]		9,[12],13
4e		[8],11,[12],13	13,[15]		14,[15,17]	[17],19,20
	[11,13],14	[9],13		12,[13],14,[15]	13,[14,15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,[Y]	11,12	22,24,[25,26]	
		18,[19],28.2,[34.2]	6,[9]	8,12	11,[16],[18],19	
4HKGUW	Identifiler® Plus					
		16,17,(18),(24)		16,16,(17)		9,(12),13
4e		(8),11,(12),13	13,13,(15)			
	(11),(13),14,14	(9),13,13		12,(13),14,(15)	13,13,(14),(15.2)	
	(29),30.2,31.2,(32.2)		X,X,(Y)	11,12	22,24,(25),(26)	
			6,6,(9)	8,12	11,(16),(18),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 4e - STR Results

4JJGX3	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
4Q4TXP	GlobalFiler™					
	[14],15,[16],17.3	16,17,[18],[24]	10,11,14	[15],16,[17]		9,[12],13
4e		[8],11,[12],13	13,[15]		14,[15],[17]	[17],19,20
	[11],[13],14	[9],13		12,[13],14,[15]	13,[14],[15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,[Y]	11,12	22,24,[25],[26]	
		18,[19],28.2,[34.2]	6,[9]	8,12	11,[16],[18],19	
4QMERZ	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
4RDPG9	PowerPlex® Fusion 5C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15		6,9	8,12	11,16,18,19	
4WCW7C	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,[14],[15.2]	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,[12],15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
4XK7YA	Investigator® 24plex QS					
	14,15,16,17.3	16,17,18,24	10,11,14	16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
4YAJE7	Identifiler® Plus, GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	

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 4e - STR Results

62UT2D	PowerPlex® Fusion 6C					
	[14],15,[16],17.3	16,17,[18],[24]	[10],11,14	[15],16,[17]		9,[12],13
4e		[8],11,[12],13	13,[15]		14,[15],[17]	[17],19,20
	[11],[13],14	[9],13		12,[13],14,[15]	13,[14],[15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,[Y]	11,12	22,24,[25],[26]	9,[10],12
	[7],10,[12],15	18,[19],28.2,[34.2]	6,[9]	8,12	11,[16],[18],19	
62ZVZX	PowerPlex® Fusion 5C					
	[14],15,[16],17.3	16,17,[18,24]	[10],11,14	[15],16,[17]		9,[12],13
4e		[8],11,[12],13	13,[15]		14,[15,17]	[17],19,20
	[11],14	[9],13		12,[13],14,[15]	13,[14,15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,[Y]	11,12	22,24,[25,26]	9,[10],12
	[7],10,[12],15		6,[9]	8,12	11,[16,18],19	
6DV8AQ	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
6ERPF	Identifiler® Plus, GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
6FURPA	PowerPlex® ESIFast					
4e						
6HMGFH	Identifiler® Plus					
		16,17,18,24		16,17		9,12,13
4e		8,11,12,13	13,15			
	11,14	9,13		12,14,15	13,14	
	29,30.2,31.2,32.2		X	11,12	22,24,25	
			6,9	8,12	11,16,18,19	
6HN9C6	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	

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 4e - STR Results

6KQAAG	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
6MU6TJ	Identifiler® Plus, PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
6NELDT	GlobalFiler™					
	[14],15,[16],17.3	16,17,[18],[24]	10,11,14	[15],[16],[17]		9,12,13
4e		[8],[11],[12],13	13,[15]		14,[15],[17]	[17],19,20
	[11],[13],14	[9],13		12,[13],14,[15]	13,[14],[15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,[Y]	11,12	22,24,[25],[26]	
		18,[19],28.2,[34.2]	6,9	8,12	11,16,18,19	
6TJHWT	Identifiler® Plus					
		16,17,[18],24		[15],[16],[17]		9,12,13
4e		8,11,12,13	13,[15]			
	[11],[13],14	[9],13		12,[13],14,[15]	13,[14],[15.2]	
	[29],30.2,31.2,32.2		X,[Y]	11,12	22,24,25,26	
			6,[9]	8,12	11,[16],18,19	
6WNBQQ	GlobalFiler™					
	[14],15,[16],17.3	16,17,[18],[24]	[10],11,14	[15],[16],[17]		9,[12],13
4e		[8],[11],[12],13	13,[15]		14,[15],[17]	[17],19,20
	[11],[13],14	[9],13		12,[13],14,[15]	13,[14],[15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,[Y]	11,12	22,24,[25],[26]	
		18,[19],28.2,[34.2]	6,[9]	8,12	11,[16],[18],19	
74X2R9	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
77M6KF	GlobalFiler™					
	15,17.3	16,17,18	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	

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 4e - STR Results

7A2UUQ	Identifiler® Plus					
		16,17,18,24		15,16,17		9,12,13
4e		8,11,12,13	13,15			
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2		X,Y	11,12	22,24,25,26	
			6,9	8,12	11,16,18,19	
7HYKGM	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
7QUKVF	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
7XTABX	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18	10,11,14	16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
7YK8NW	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
88WL9D	PowerPlex® Fusion6C					
	[14],15,[16],17.3	16,17,[18],[24]	[10],11,14	16,[17]		9,[12],13
4e		11,[12],13	13,[15]		14,[15],[17]	[17],19,20
	[11],[13],14	[9],13		12,[13],14,[15]	13,[14],[15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,[Y]	11,12	22,24,[25],[26]	9,[10],12
	[7],10,[12],15	18,[19],28.2,[34.2]	6,[9]	8,12	11,[16],[18],19	
8BEUHY	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	

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 4e - STR Results

8BU8UN	Identifiler® Plus, GlobalFiler™					
	[14],15,[16],17.3	16,17,18,24	[10],11,14	15,16,17		9,[12],13
4e		[8],11,[12],13	13,13,[15]		14,14,[15],[17]	17,19,20
	[11],[13],14,14	9,13		12,13,14,15	13,13,[14],[15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,X,[Y]	11,12	22,24,[25],[26]	
		18,[19],28.2,[34.2]	6,9	8,12	11,16,18,19	
8C9FCP	GlobalFiler™					
	[14],15,[16],17.3	16,17,[18],[24]	10,11,14	[15],[16],[17]		9,[12],13
4e		[8],11,[12],13	13,[15]		14,[15],[17]	[17],19,20
	[11],[13],14	[9],13		12,[13],14,[15]	13,[14],[15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,[Y]	11,12	22,24,[25],[26]	
		18,[19],28.2,[34.2]	6,[9]	8,12	11,[16],[18],19	
8EVYDM	GlobalFiler™					
	[14],15,[16],17.3	16,17,[18,24]	[10],11,14	[15],[16],[17]		9,[12],13
4e		11,[12],13	13,[15]		14	19,20
	[13],14	[9],13		12,[13],14,[15]	13,[14,15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,[Y]	11,12	22,24,[25,26]	
		18,[19],28.2,[34.2]	6,[9]	8,12	11,[16,18],19	
8LUXFW	GlobalFiler™					
	[14],15,[16],17.3	16,17,[18],[24]	[10],11,14	[15],[16],[17]		9,[12],13
4e		[8],11,[12],13	13,[15]		14,[15],[17]	[17],19,20
	[11],[13],14	[9],13		12,[13],14,[15]	13,[14],[15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,[Y]	11,12	22,24,[25],[26]	
		18,[19],28.2,[34.2]	6,[9]	8,12	11,[16],[18],19	
8LVNNZ	Identifiler® Plus					
		16,17		16,16		9,13
4e		11,13	13,13			
	14,14	13,13		12,14	13,13	
	30.2,31.2		X,X	11,12	22,24	
			6,6	8,12	11,19	
8YNXJL	GlobalFiler™					
	[14],15,[16],17.3	16,17,18,24	[10],11,14	[15],[16],[17]		9,[12],13
4e		[8],11,[12],13	13,[15]		14,[15],[17]	[17],19,20
	[11],[13],14	[9],13		12,[13],14,[15]	13,[14],[15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,[Y]	11,12	22,24,25,26	
		18,[19],28.2,[34.2]	6,[9]	8,12	11,[16],[18],19	
8YZTUR	Identifiler® Plus					
		16,17,18,24		15,16		9,12,13
4e		8,11,12,13	13,13			
	13,14	13,13		12,13,14,15	13,13	
	30.2,31.2,32.2		X,X	11,12	22,24,25,26	
			6,6	8,12	11,16,18,19	

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

94RBQH	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16,16		9,13
4e		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	9,12
	10,15	18,28.2	6,6	8,12	11,19	
9AVEH3	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
9DVRYZ	GlobalFiler™					
	15,17.3	16,17,[18],[24]	[10],11,14	[15],16		9,[12],13
4e		11,13	13,[15]		14	[17],19,20
	14	13		12,[13],14	13,[14],[15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,[Y]	11,12	22,24,[25],[26]	
		18,28.2	6,[9]	8,12	11,[16],[18],19	
9EZZLA	Identifiler® Plus					
		16,17,18,24		15,16,17		9,12,13
4e		8,11,12,13	13,15			
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2		X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15		6,9	8,12	11,16,18,19	
9GU28G	PowerPlex® Fusion 6C					
	[14],15,[16],17.3	16,17,[18],[24]	[10],11,14	[15],16,[17]		9,[12],13
4e		[8],11,[12],13	13,13		14,[15],[17]	[17],19,20
	[11],[13],14	[9],13		12,[13],14,[15]	13,[14],[15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,[Y]	11,12	22,24,[25],[26]	9,[10],12
	[7],10,[12],15	18,[19],28.2,[34.2]	6,[9]	8,12	11,[16],[18],19	
9KFQTE	PowerPlex® ESI-17 FAST					
4e						
9M6XDC	PowerPlex® Fusion					
	[14],15,[16],17.3	16,17,[18],[24]	[10],11,14	[15],16,[17]		9,[12],13
4e		11,[12],13	13,13		14,[15],[17]	[17],19,20
	[13],14	[9],13		12,[13],14,[15]	13,13	
	30.2,31.2	15,16	X,[Y]	11,12	22,24	9,[10],12
	10,[12],15		6,6	8,12	11,[18],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 4e - STR Results

9MMWJM	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
9MPQYL	GlobalFiler™					
	15,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14	19,20
	11,13,14	13		12,13,14,15	13,14,15.2	
	29,30.2,31.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,18,19	
9TAWMF	PowerPlex® Fusion 6C					
	[14],15,[16],17.3	16,17,[18,24]	[10],11,14	[15],16,[17]		9,[12],13
4e		[8],11,[12],13	13,[15]		14,[15,17]	[17],19,20
	[11,13],14	[9],13		12,[13],14,[15]	13,[14,15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,[Y]	11,12	22,24,[25,26]	9,[10],12
	[7],10,[12],15	18,[19],28.2,[34.2]	6,[9]	8,12	11,[16,18],19	
9TUH8J	GlobalFiler™ , MiniFiler					
	[14],15,[16],17.3	16,17,[18],[24]	[10],11,14	[15],16,[17]		9,[12],13
4e		[8],11,[12],13	13,[15]		14,[15],[17]	[17],19,20
	[11],[13],14	13		12,[13],14,[15]	13,[14],[15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,[Y]	11,12	22,24,[25],[26]	
		18,[19],28.2,[34.2]	6,[9]	8,12	11,[16],[18],19	
9VG6Z8	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,14,15	13,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
9YVMBW	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	[10],11,14	[15],16,[17]		9,[12],13
4e		[8],11,[12],13	13,[15]		14,[15,17]	[17],19,20
	[11,13],14	[9],13		12,13,14,15	13,[14,15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,X,[Y]	11,12	22,24,[25,26]	
		18,[19],28.2,[34.2]	6,[9]	8,12	11,[16,18],19	
9ZQ8ZG	PowerPlex® Fusion 6C					
	[14],15,[16],17.3	16,17,[18],[24]	[10],11,14	[15],16,[17]		9,[12],13
4e		[8],11,[12],13	13,[15]		14,[15],[17]	[17],19,20
	[11],[13],14	[9],13		12,[13],14,[15]	13,[14],[15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,[Y]	11,12	22,24,[25],[26]	9,[10],12
	[7],10,[12],15	18,[19],28.2,[34.2]	6,[9]	8,12	11,[16],[18],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 4e - STR Results

A7VE4Q	Identifiler® Plus, Investigator® 24plex QS					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
AAG4N4	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,[24]	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,[INC],34.2	6,9	8,12	11,16,18,19	
AEM72J	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
AENR26	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,[18],[24]	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,[14],[15.2]	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,[34.2]	6,[9]	8,12	11,16,18,19	
AFZQXZ	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
AKWDQN	Identifiler® Plus					
		16,17,18,24		15,16,[17]		9,12,13
4e		8,11,12,13	13,[15]			
	11,13,14	[9],13		12,13,14,15	13,14,[15.2]	
	29,30.2,31.2,32.2		X,Y	11,12	22,24,25,26	
			6,[9]	8,12	11,16,18,19	
AKXYHA	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	

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 4e - STR Results

AMHYJB	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
ARVQMW	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18	10,11,14	16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
AT9AUA	Identifiler® Plus					
		16,17,18,24		16,17		9,12,13
4e		8,11,12,13	13,15			
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2		X,Y	11,12	22,24,25,26	
			6,9	8,12	11,16,18,19	
AVEUGA	Identifiler® ID+					
		16,17,18,24		15,16,17		9,12,13
4e		8,11,12,13	13,15			
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2		X,Y	11,12	22,24,25,26	
			6,9	8,12	11,16,18,19	
AXD2VR	Identifiler® Plus					
		16,17,[18],[24]		[15],16,[17]		9,[12],13
4e		[8],11,[12],13	13,[15]			
	[11],[13],14	[9],13		12,14	13,[14],[15.2]	
	[29],30,31.2,[32.2]		X,[Y]	11,12	22,24,[25],[26]	
			6,[9]	8,12	11,[16],[18],19	
AXGGBD	Identifiler® Plus					
		16,17,18,24		15,16,17		9,12,13
4e		8,11,12,13	13,15			
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2		X,Y	11,12	22,24,25,26	
			6,9	8,12	11,16,18,19	
AYWUYA	PowerPlex® 21					
	15,16,17.3	16,17,18,24		16,17		9,12,13
4e		8,11,12,13	13,15			17,19,20
	11,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2		X,Y	11,12		9,10,12
	7,10,12,15		6,9	8,12	11,16,19	

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 4e - STR Results

B2HX88	PowerPlex® 21					
	14,15,16,17.3	16,17,18,24		15,16,17		9,12,13
4e	13,15,16	8,11,12,13	13,15			17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2		X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15		6,9	8,12	11,16,18,19	
B37G3D	PowerPlex® ESI-17 FAST					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		
4e			13,15		14,15,17	17,19,20
		9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y		22,24,25,26	
		18,19,28.2,34.2	6,9		11,16,18,19	
B6XPXZ	Investigator® 24plex QS					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
B77RZY	Identifiler® Plus					
		16,17,[18],[24]		[15],16,[17]		9,[12],13
4e		[8],11,[12],13	13,[15]			
	[11],[13],14	[9],13		12,14,[15]	13,[14],[15.2]	
	[29],30.2,31.2,[32.2]		X,[Y]	11,12	22,24,[25],[26]	
			6,[9]	8,12	11,[16],[18],19	
B8ZHZL	Identifiler® Plus, GlobalFiler™					
	[14],15,[16],17.3	16,17,[18],[24]	[10],11,14	[15],16,[17]		9,[12],13
4e		[8],11,[12],13	13,[15]		14,[15],[17]	[17],19,20
	[11],[13],14	[9],13		12,[13],14,[15]	13,[14],[15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,[Y]	11,12	22,24,[25],[26]	
		18,[19],28.2,[34.2]	6,[9]	8,12	11,[16],[18],19	
B9WQEX	Identifiler® Plus					
		16,17		16,16		9,13
4e		11,13	13,13			
	14,14	13,13		12,14	13,13	
	30.2,31.2		X,X	11,12	22,24	
			6,6	8,12	11,19	
BAQLTT	Identifiler® Plus, GlobalFiler™					
	[14],15,[16],17.3	16,17,[18],[24]	[10],11,14	[15],16,16,[17]		9,[12],13
4e		[8],11,[12],13	13,13,[15]		14,14,[15],[17]	[17],19,20
	[11],[13],14,14	[9],13,13		12,[13],14,[15]	13,13,[14],[15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,X,[Y]	11,12	22,24,[25],[26]	
		18,[19],28.2,[34.2]	6,6,[9]	8,12	11,[16],[18],19	

TABLE 2

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

## Item 4e - STR Results

BD4J4M	GlobalFiler™					
	15,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
	4e	8,11,12,13	13,15		14	19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X	11,12	22,24,25,26	
	18,19,28.2,34.2	6,9	8,12	11,16,18,19		
BE8UBQ	Identifiler® Plus					
		16,17,18,24		15,16,17		9,12,13
	4e	8,11,12,13	13,15			
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2		X,[Y]	11,12	22,24,25,26	
		6,[9]	8,12	11,16,18,19		
BG8FPB	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
	4e	8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
	18,19,28.2,34.2	6,9	8,12	11,16,18,19		
BHXHCQ	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
	4e	8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
	18,19,28.2,34.2	6,9	8,12	11,16,18,19		
BUXZEE	Identifiler® Plus, PowerPlex® F6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
	4e	8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
BXUVT8	PowerPlex® Fusion 5C & 6C, GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
	4e	8,11,12,13	13,15		14,15,17	17,19,20
	14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
C97FRU	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
	4e	8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	

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 4e - STR Results

CJB8J9	PowerPlex® Fusion 6C; 16					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
CMP32R	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17	N/A	9,12,13
4e	N/A	8,11,12,13	13,15	N/A	14,15,17	17,19,20
	11,13,14	9,13	N/A	12,13,14,15	13,14,15.2	N/A
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	N/A
	N/A	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
CNPW7R	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
CV7G6W	Identifiler® Plus					
	-	16,17,18,24	-	15,16,17	-	9,12,13
4e	-	8,11,12,13	13,15	-	-	-
	11,13,14	9,13	-	12,13,14,15	13,14,15.2	-
	29,30.2,31.2,32.2	-	X,Y	11,12	22,24,25,26	-
	-	-	6,9	8,12	11,16,18,19	
D32WBF	GlobalFiler™					
	[14],15,[16],17.3	16,17,18,24	10,11,14	15,16,[17]		9,12,13
4e		8,11,12,13	13,15		14,[15],[17]	[17],19,20
	11,13,14	[9],13		12,13,14,15	13,[14],[15.2]	
	[29],30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,[19],28.2,[34.2]	6,9	8,12	11,[16],[18],19	
DC9HDP	Identifiler® Plus					
		16,17,(18),(24)		(15),16,16,(17)		9,(12),13
4e		(8),11,(12),13	13,13,(15)			
	(11),(13),14,14	(9),13,13		12,(13),14,(15)	13,13,(14),(15.2)	
	(29),30.2,31.2,(32.2)		X,X,(Y)	11,12	22,24,(25),(26)	
			6,6,(9)	8,12	11,(16),(18),19	
DDYU22	PowerPlex® Fusion6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		[8],11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,[14],15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,[19],28.2,[34.2]	6,[9]	8,12	11,16,18,19	

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 4e - STR Results

DEEZE7	PowerPlex® 5C, 6C, GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
DNJ7CE	Identifiler® Plus					
		16,17,[18,24]		[15],16,[17]		9,[12],13
4e		[8],11,[12],13	13,[15]			
	[11,13],14	[9],13		12,[13],14,[15]	13,[14,15.2]	
	[29],30.2,31.2,[32.2]		X,[Y]	11,12	22,24,[25,26]	
			6,[9]	8,12	11,[16,18],19	
DQ9DWB	PowerPlex® Fusion					
	15,(16),17.3	16,17,(18),(24)	(10),11,14	(15),16,(17)	N/A	9,(12),13
4e	N/A	(8),11,(12),13	13,(15)	N/A	14,(17)	(17),19,20
	(11),(13),14	(9),13	N/A	12,13,14,(15)	13,(14),(15.2)	N/A
	(29),30.2,31.2,(32.2)	15,16	X,(Y)	11,12	22,24,(25),(26)	9,(10),12
	(7),10,(12),15	N/A	6,(9)	8,12	11,(16),(18),19	
DU63UA	Identifiler® Plus					
		16,17,18,24		15,16,17		9,12,13
4e		8,11,12,13	13,15			
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2		X,Y	11,12	22,24,25,26	
			6,9	8,12	11,16,18,19	
DVW7GP	Identifiler® Plus, GlobalFiler™					
	[14],15,[16],17.3	16,17,[18],[24]	[10],11,14	[15],16,[17]		9,[12],13
4e		[8],11,[12],13	13,[15]		14,[15],[17]	[17],19,20
	11,13,14	[9],13		12,[13],14,[15]	13,[14],[15.2]	
	29,30.2,31.2,32.2	15,16	X,[Y]	11,12	22,24,[25],[26]	
		18,28.2,[34.2]	6,[9]	8,12	11,16,18,19	
DYZWQP	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
E2KWUC	Identifiler® Plus					
		16,17,[18],[24]		[15],16,[17]		9,[12],13
4e		[8],11,[12],13	13,[15]			
	[11],[13],14	[9],13		12,[13],14,[15]	13,[14],[15.2]	
	[29],30.2,31.2,[32.2]		X,[Y]	11,12	22,24,[25],[26]	
			6,[9]	8,12	11,[16],[18],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 4e - STR Results

E7D7VX	GlobalFiler™					
	[14],15,[16],17.3	16,17,[18,24]	10,11,14	[15],16,16,[17]		9,12,13
4e		[8],11,[12],13	13,13,[15]		14,14,[15,17]	17,19,20
	[11,13],14,14	[9],13,13		12,[13],14,[15]	13,13,[14,15.2]	
	29,30.2,31.2,32.2	15,16	X,X,[Y]	11,12	22,24,[25,26]	
		18,[19],28.2,[34.2]	6,9	8,12	11,[16,18],19	
E7GVXA	PowerPlex® ESI17 Fast					
	[14],15,[16],17.3	16,17,[18,24]	[10],11,14	[15],16,16,[17]		
4e			13,13,[15]		14,14,[15,17]	[17],19,20
		[9],13,13		12,[13],14,[15]	13,13,[14,15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,[Y]		22,24,[25,26]	
		18,[19],28.2,[34.2]	6,6,[9]		11,[16,18],19	
EB83H4	Identifiler®					
	15,17.3	16,17		16		9,13
4e	15,16	11,13	13			19,20
	14	13		12,14	13	
	30.2,31.2		X	11,12	22,24	9,12
	10,15		6	8,12	11,19	
EBTQN6	PowerPlex® 21					
	14,15,17.3	16,17		15,16		9,12,13
4e	13,15,16	8,11,12,13	13,15			19,20
	13,14	9,13		12,14,15	13	
	29,30.2,31.2,32.2		X,X	11,12	22,24,25,26	9,10,12
	10,15		6,9	8,12	11,18,19	
EFMNFG	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
EHA34Q	PowerPlex® Fusion					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15		6,9	8,12	11,16,18,19	
EM63XT	PowerPlex® Fusion					
	[14],15,[16],17.3	16,17,[18],[24]	[10],11,14	[15],16,16,[17]		9,[12],13
4e		[8],11,[12],13	13,13,[15]		14,14,[15,17]	[17],19,20
	[11],[13],14,14	[9],13,13		12,[13],14,[15]	13,13,[14],[15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,[Y]	11,12	22,24,[25],[26]	9,[10],12
	[7],10,[12],15		6,6,[9]	8,12	11,[16],[18],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 4e - STR Results

ENYKKN	Identifiler® Plus					
		16,17,18,24		15,16,[17]		9,12,13
4e		8,11,12,13	13,15			
	11,13,14	[9],13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2		X,Y	11,12	22,24,25,26	
			6,[9]	8,12	11,16,18,19	
EPH3L3	GlobalFiler™					
	[14],15,[16],17.3	16,17,18,24	[10],11,14	[15],16,[17]	Not Tested	9,12,13
4E	Not Tested	[8],11,[12],13	13,[15]	Not Tested	14,[15],[17]	[17],19,20
	[11],[13],14	[9],13	Not Tested	12,[13],14,[15]	13,14,[15.2]	Not Tested
	[29],30.2,31.2,[32.2]	15,16	X,[Y]	11,12	22,24,[25],[26]	Not Tested
	Not Tested	18,[19],28.2,[34.2]	6,[9]	8,12	11,[16],[18],19	
ETND3G	Identifiler® 16					
		16,17,18,24		15,16,17		9,12
4e		8,11,12	13,15			
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	30.2,31.2,32.2		X,Y	11,12	24,25,26	
			6,9	8,8	16,18,19	
EV4LN6	Identifiler® Plus, GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
EVDH2F	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
EZ8ACX	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
F7AVLC	Identifiler® Plus					
		16,17,[18],[24]		[15],16,[17]		9,[12],13
4e		11,[12],13	13,[15]			
	[11],14	13		12,[13],14	13	
	[29],30.2,31.2,[32.2]		X	11,12	22,24,[25]	
			6,[9]	8,12	11,[18],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 4e - STR Results

F82Y78	Identifiler® Plus					
		16,17,[18],[24]		[15],16,[17]		9,[12],13
4e		[8],11,13	13,[15]			
	[11],[13],14	[9],13		12,[13],14,[15]	13,[14],[15.2]	
	[29],30.2,31.2,[32.2]		X,[Y]	11,12	22,24,[25],[26]	
			6,[9]	8,12	11,[16],[18],19	
F9JZY2	Identifiler® Plus, PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
FBA8JX	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
FDYE4U	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
FE7XGW	GlobalFiler™					
	[14],15,[16],17.3	16,17,[18],24	[10],11,14	[15],16,[17]		9,[12],13
4e		[8],11,[12],13	13,[15]		14,[15]	[17],19,20
	[11],[13],14	[9],13		12,[13],14,[15]	13,[14],[15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,[Y]	11,12	22,24,25,26	
		18,[19],28.2,[34.2]	6,[9]	8,12	11,[16],[18],19	
FJKBNB	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
FK9UJG	Identifiler® Plus					
		16,17,18,24		15,16,17		9,12,13
4e		8,11,12,13	13,15			
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2		X,Y	11,12	22,24,25,26	
			6,9	8,12	11,16,18,19	

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 4e - STR Results

FKBU9A	Identifiler® Plus, PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
FKUMYL	Identifiler® Plus					
		16,17,[18],[24]		16,16,[17]		9,[12],13
4e		[8],11,[12],13	13,13,[15]			
	[11],[13],14,14	[9],13,13		12,[13],14,[15]	13,13,[14],[15.2]	
	[29],30.2,31.2,[32.2]		X,X,[Y]	11,12	22,24,[25],[26]	
			6,6,[9]	8,12	11,[16],[18],19	
FXFVZT	Identifiler® Plus, PowerPlex® Fusion					
	15,17.3	16,17	11,14	16		9,13
4e		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15		6	8,12	11,19	
FYBFPD	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
G2WKXB	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
GE689T	PowerPlex® ESX 17 FAST					
	[14],15,[16],17.3	16,17,[18],[24]	[10],11,14	[15],16,16,[17]		
4e			13,13,[15]		14,14,[15],[17]	[17],19,20
		[9],13,13		12,14,[15]	13,13,[14],[15.2]	
	29,30.2,31.2,[32.2]	15,16	X,X,[Y]		22,24,[25],[26]	
		18,[19],28.2,[34.2]	6,6,[9]		11,[16],[18],19	
GLLRFY	Identifiler® Plus, PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	

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 4e - STR Results

GMC6RQ	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
	4e	11,12,13	13,15		14,15,17	19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
	18,19,28.2,34.2	6,9	8,12	11,16,18,19		
GMEM39	Identifiler® Plus					
		16,17,[18,24]		[15],16,[17]		9,[12],13
	4e	[8],11,[12],13	13,[15]			
	[11,13],14	[9],13		12,[13],14,[15]	13,[14,15.2]	
	[29],30.2,31.2,[32.2]		X,[Y]	11,12	22,24,[25,26]	
		6,[9]	8,12	11,[16,18],19		
GPZCGT	Identifiler® Plus, GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
	4e	8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
	18,19,28.2,34.2	6,9	8,12	11,16,18,19		
GUEZ3B	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
	4e	8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
	18,19,28.2,34.2	6,9	8,12	11,16,18,19		
GV9TXU	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
	4e	8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
	18,19,28.2,34.2	6,9	8,12	11,16,18,19		
GXCQ6G	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
	4e	8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
	18,19,28.2,34.2	6,9	8,12	11,16,18,19		
GYQYAB	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16,16		9,13
	4e	11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	9,12
	10,15	18,28.2	6,6	8,12	11,19	

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 4e - STR Results

H2RDGZ	PowerPlex® 21					
	14,15,17.3	16,17,18,24		16,16		9,13
4e	15,16	8,11,12,13	13,15			19,20
	14,14	9,13		12,13,14,15	13,15.2	
	29,30.2,31.2		X,Y	11,12	22,24,26	9,10,12
	10,15		6,9	8,12	11,16,19	
H6AMHL	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
H6UDEC	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
H9DFFQ	GlobalFiler™					
	[14],15,[16],17.3	16,17,18,24	[10],11,14	[15],16,[17]		9,[12],13
4e		[8],11,[12],13	13,[15]		14,[15],[17]	[17],19,20
	[11],[13],14	[9],13		12,[13],14,[15]	13,[14],[15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,[Y]	11,12	22,24,[25],[26]	
		18,[19],28.2,[34.2]	6,[9]	8,12	11,[16],[18],19	
HCCPTD	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
HEZ8MJ	Identifiler® Plus					
		16,17,(18),(24)		(15),16,16,(17)		9,(12),13
4e		(8),11,(12),13	13,13,(15)			
	(11),(13),14,14	(9),13,13		12,(13),14,(15)	13,13,(14),(15.2)	
	(29),30.2,31.2,(32.2)		X,X,(Y)	11,12	22,24,(25),(26)	
			6,6,(9)	8,12	11,(16),(18),19	
HHGLFJ	PowerPlex® Fusion					
	[14],15,[16],17.3	16,17,[18],[24]	[10],11,14	[15],16,[17]		9,[12],13
4e		[8],11,[12],13	13,[15]		14,[15],[17]	[17],19,20
	[11],[13],14	[9],13		12,[13],14,[15]	13,[14],[15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,[Y]	11,12	22,24,[25],[26]	9,[10],12
	[7],10,[12],15		6,[9]	8,12	11,[16],[18],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 4e - STR Results

HL2BZW	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,[12],15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
HLHQT6	Identifiler® Plus					
		16,17,18,24		15,16,17		9,12,13
4e		8,11,12,13	13,15			
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2		X,Y	11,12	22,24	
			6,9	8,12	11,16,18,19	
HN8XD2	Identifiler® Plus					
		16,17,18,24		15,16,17		9,12,13
4e		8,11,12,13	13,15			
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2		X,Y	11,12	22,24,25,26	
			6,9	8,12	11,16,18,19	
HQBQ8Z	Identifiler® Plus, PowerPlex® Fusion					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
HQVC3B	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17	-	9,12,13
4e	-	8,11,12,13	13,15	-	14,15,17	17,19,20
	11,13,14	9,13	-	12,13,14,15	13,14,15.2	-
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	-
	-	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
HR3TRU	GlobalFiler™					
	[14],15,[16],17.3	16,17,[18,24]	[10],11,14	[15],16,[17]		9,[12],13
4e		[8],11,[12],13	13,[15]		14,[15,17]	[17],19,20
	[11,13],14	[9],13		12,[13],14,[15]	13,[14,15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,[Y]	11,12	22,24,[25,26]	
		18,[19],28.2,[34.2]	6,[9]	8,12	11,[16,18],19	
J6BPVW	PowerPlex® FUSION 6C					
	14,15,[16],17.3	16,17,[18],[24]	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,[17]	[17],19,20
	11,13,14	[9],13		12,13,14,[15]	13,[14],[15.2]	
	[29],30.2,31.2,32.2	15,16	X,Y	11,12	22,24,[25],26	9,10,12
	[7],10,12,15	18,[19],28.2,[INC],[34.2]	6,[9]	8,12	11,16,18,19	

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 4e - STR Results

JAKAG9	Identifiler® Plus					
	16,17,[18],[24]			[15],16,[17]		9,[12],13
4e	[8],11,[12],13		13,[15]			
	[11],[13],14	[9],13		12,[13],14,[15]	13,[14],[15.2]	
	[29],30.2,31.2,[32.2]		X,[Y]	11,12	22,24,[25],[26]	
			6,[9]	8,12	11,[16],[18],19	
JBXN3W	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
JFAMKG	Identifiler® Plus, Investigator® 24plex					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14	13,14,15.2	
	30.2,31.2	15,16	X,Y	11,12	22,24,25	
		18,19,28.2	6,9	8,12	11,16,18,19	
JHCKQ4	Identifiler® Plus					
		16,17,18,24		15,16,17		9,12,13
4e		8,11,12,13	13,15			
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2		X,Y	11,12	22,24,25,26	
			6,9	8,12	11,16,18,19	
JQ7QMQ	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
4e		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
JTC78B	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2	6,9	8,12	11,16,18,19	
JUTDFD	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	

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 4e - STR Results

JYLA7P	Identifiler®					
		16,17,18,24		15,16,17		9,[12],[13]
4e		8,11,12,13	13,13,[15]			
	11,13,14	[9],13,13		12,13,14,15	13,[14],[15.2]	
	29,30.2,31.2,32.2		X,X,[Y]	11,12	22,24,25,26	
			6,6,[9]	8,8,[12]	11,16,18,19	
K2L6ZC	Identifiler®					
		16,17,18,24		15,16,17		9,12,13
4e		8,11,12,13	13,15			
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2		X,Y	11,12	22,24,25,26	
			6,9	8,12	11,16,18,19	
K47YT7	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
KBQWNL	GlobalFiler™					
	[14],15,[16],17.3	16,17,18,24	[10],11,14	[15],16,[17]		9,[12],13
4e		8,11,12,13	13,[15]		14,[15],17	[17],19,20
	[11],[13],14	[9],13		12,[13],14,[15]	13,[14],15.2	
	[29],30.2,31.2,[32.2]	15,16	X,[Y]	11,12	22,24,[25,26]	
		18,[19],28.2,[34.2]	6,[9]	8,12	11,[16],[18],19	
KCKPJ4	PowerPlex® ESI-17					
	15,17.3	16,17	11,14	16,16		
4e			13,13		14,14	19,20
		13,13		12,14	13,13	
	30.2,31.2	15,16	X,X		22,24	
		18,28.2	6,6		11,19	
KCMGBK	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
KHR6B2	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	

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 4e - STR Results

KJMP6R	Investigator® 24plex QS					
	14,15,16,17.3	16,17,18,24	10,11,14	16,17		9,12,13
	4e	8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
	18,19,28.2,34.2	6,9	8,12	11,16,18,19		
KLB9YX	Identifiler® Plus, PowerPlex® Fusion 6C, GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
	4e	8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
KNV92Y	PowerPlex® 21					
	14,15,16,17.3	16,17,18,24		15,16,17		9,12,13
	4e	13,15,16	8,11,12,13	13,15		17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2		X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15		6,9	8,12	11,16,18,19	
KPBDCX	PowerPlex® Fusion 6C					
	[14],15,[16],17.3	16,17,[18,24]	[10],11,14	[15],16,[17]		9,[12],13
	4e	[8],11,[12],13	13,[15]		14,[15],17	[17],19,20
	[11,13],14	[9],13		12,[13],14,[15]	13,[14,15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,[Y]	11,12	22,24,[25,26]	9,[10],12
	[7],10,[12],15	18,[19],28.2,[34.2]	6,[9]	8,12	11,[16,18],19	
KQ66M4	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
	4e	8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
	18,19,28.2,34.2	6,9	8,12	11,16,18,19		
L8H9F9	Identifiler® Plus, MiniFiler					
	Not typed	16,17,[18],[24]	Not typed	[15],16,[17]	Not typed	9,[12],13
	4e	Not typed	[8],11,[12],13	13,[15]	Not typed	Not typed
	[11],[13],14	[9],13	Not typed	12,[13],14,[15]	13,[14],[15.2]	Not typed
	[29],30.2,31.2,[32.2]	Not typed	X,[Y]	11,12	22,24,[25],[26]	Not typed
	Not typed	Not typed	6,[9]	8,12	11,[16],19	
L9GB9J	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
	4e	8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	



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 4e - STR Results

LB42LA	GlobalFiler™					
	(14),15,(16),17.3	16,17,(18),(24)	(10),11,14	(15),16,(17)		9,(12),13
	4e	(8),11,(12),13	13,(15)		14,(15),(17)	(17),19,20
	(11),(13),14	(9),13		12,(13),14,(15)	13,(14),(15.2)	
	(29),30.2,31.2,(32.2)	15,16	X,(Y)	11,12	22,24,(25),(26)	
	18,(19),28.2,(34.2)	6,(9)	8,12	11,(16),(18),19		
LGV94H	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
	4e	8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
	18,19,28.2,34.2	6,9	8,12	11,16,18,19		
LH66PM	Identifiler® Plus					
		16,17,18,24		15,16,17		9,12,13
	4e	8,11,12,13	13,15			
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2		X,Y	11,12	22,24,25,26	
		6,9	8,12	11,16,18,19		
LJZQCL	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
	4e	8,11,12,13	13,15		14,15	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
	18,19,28.2,34.2	6,9	8,12	11,16,18,19		
LK9XGZ	Identifiler® Plus					
	-	16,17,18,24	-	15,16,17	-	9,12,13
	4e	8,11,12,13	13,15	-	-	-
	11,13,14	9,13	-	12,13,14,15	13,14,15.2	-
	29,30.2,31.2,32.2	-	X,Y	11,12	22,24,25,26	-
	-	6,9	8,12	11,16,18,19		
LP7DC3	Identifiler® Plus					
		16,17,[18,24]		[15],16,[17]		9,[12],13
	4e	[8],11,[12],13	13,[15]			
	[11,13],14	[9],13		12,[13],14,[15]	13,[14,15.2]	
	[29],30.2,31.2,[32.2]		X,[Y]	11,12	22,24,[25,26]	
		6,[9]	8,12	11,[16,18],19		
LU4QZR	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
	4e	8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	

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 4e - STR Results

LUYJPJ	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
LVYCTJ	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
LY9J2B	Identifiler® Plus					
		16,17,18,24		15,16,17		9,12,13
4e		8,11,12,13	13,15			
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2		X,Y	11,12	22,24,25,26	
			6,9	8,12	11,16,18,19	
M6C4LK	Identifiler® Plus					
	-	16,17,18,24	-	15,16,17	-	9,12,13
4e		8,11,12,13	13,15	-	-	-
	11,13,14	9,13	-	12,13,14,15	13,14,15.2	-
	29,30.2,31.2,32.2	-	X,Y	11,12	22,24,25,26	-
	-	-	6,9	8,12	11,16,18,19	
M84Y9U	Identifiler®					
	n/a	16,17,18,24	n/a	15,16,17	n/a	9,12,13
4e		8,11,12,13	13,15	n/a	n/a	n/a
	11,13,14	9,13	n/a	12,13,14,15	13,14,15.2	n/a
	29,30.2,31.2,32.2	n/a	X,X	11,12	22,24,25,26	n/a
	n/a	n/a	6,9	8,12	11,16,18,19	
M9U322	GlobalFiler™					
	15,17.3	16,17	11,14	16	-	9,13
4e		11,13	13	-	14	19,20
	14	13	-	12,14	13	-
	30.2,31.2	15,16	X	11,12	22,24	-
	-	18,28.2	6	8,12	11,19	
MAC8JY	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	

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 4e - STR Results

MBHPFA	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
		[8],11,12,13	13,15		14,15,17	[17],19,20
	11,13,14	[9],13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,[Y]	11,12	22,24,25,26	
	18,19,28.2,34.2	6,[9]	8,12	11,[16],18,19		
MK7PPR	Identifiler®					
	N/A	16,17,[18],[24]	N/A	[15],16,[17]	N/A	9,[12],13
	N/A	[8],11,[12],13	13,[15]	N/A	N/A	N/A
	[11],[13],14	[9],13	N/A	12,[13],14,[15]	13,[14],[15.2]	N/A
	[29],30.2,31.2,[32.2]	N/A	X,[Y]	11,12	22,24,[25],[26]	N/A
	N/A	6,[9]	8,12	11,[16],[18],19		
MLJ4BF	Identifiler® Plus, GlobalFiler™					
	[14],15,[16],17.3	16,17,[18],[24]	11,14	[15],16,[17]		9,[12],13
		[8],11,[12],13	13,[15]		14,[15],[17]	[17],19,20
	[11],[13],14	[9],13		12,[13],14,[15]	13,[14],[15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,[Y]	11,12	22,24,[25],[26]	
	18,[19],28.2,[34.2]	6,[9]	8,12	11,[16],[18],19		
MMGDN7	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	18,19,28.2,34.2	6,9	8,12	11,16,18,19		
N2RDVG	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
	18,19,28.2,34.2	6,9	8,12	11,16,18,19		
N6AT3M	Identifiler®					
		16,17,[18],[24]		[15],16,16,[17]		9,[12],13
		[8],11,[12],13	13,13,[15]			
	[11],[13],14,14	[9],13,13		12,[13],14,[15]	13,13,[14],[15.2]	
	[29],30.2,31.2,[32.2]		X,X,[Y]	11,12	22,24,[25],[26]	
		6,6,[9]	8,12	11,[16],[18],19		
NHGJ6V	PowerPlex® 5C, 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	18,19,28.2,34.2	6,9	8,12	11,16,18,19		

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 4e - STR Results

NJT7RF	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
	4e	8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
	18,19,28.2,34.2	6,9	8,12	11,16,18,19		
NKKGE3	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16,16		9,13
	4e	11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	9,12
	10,15	18,28.2	6,6	8,12	11,19	
NPEFL7	Identifiler® Plus					
		16,17,18,24		15,16,17		9,12,13
	4e	8,11,12,13	13,15			
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2		X,Y	11,12	22,24,25,26	
		6,9	8,12	11,16,18,19		
NTFE4Q	Identifiler®					
	N/A	16,17,[18],[24]	N/A	[15],16,[17]	N/A	9,[12],13
	4e	[8],11,[12],13	13,[15]	N/A	N/A	N/A
	[11],[13],14	[9],13	N/A	12,[13],14,[15]	13,[14],[15.2]	N/A
	[29],30.2,31.2,[32.2]	N/A	X,[Y]	11,12	22,24,[25],[26]	N/A
	N/A	6,[9]	8,12	11,[16],[18],19		
NVJAMU	GlobalFiler™					
	[14],15,[16],17.3	16,17,[18],[24]	[10],11,14	[15],16,[17]	-	9,[12],13
	4e	[8],11,[12],13	13,[15]	-	14,[15],[17]	[17],19,20
	[11],[13],14	9,[13]	-	12,[13],14,[15]	13,[14],[15.2]	-
	[29],30.2,31.2,[32.2]	15,16	X,[Y]	11,12	22,24,[25],[26]	-
	-	18,[19],28.2,[34.2]	6,[9]	8,12	11,[16],[18],19	
NYZEGH	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
	4e	8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
P68F7J	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
	4e	8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
	18,19,28.2,34.2	6,9	8,12	11,16,18,19		

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 4e - STR Results

PCM7GC	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
	4e	8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
	18,19,28.2,34.2	6,9	8,12	11,16,18,19		
PEW7N6	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
	4e	8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
	18,19,28.2,34.2	6,9	8,12	11,16,18,19		
PFKPJB	PowerPlex® Fusion					
	15,17.3	16,17	11,14	16		9,13
	4e	11,[12],13	13,[15]		14	[17],19,20
	[13],14	[9],13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	6,[9]	8,12	11,[18,19]		
PFN634	Identifiler® Plus					
		16,17,[18,24]		[15],16,[17]		9,[12],13
	4e	[8],11,[12],13	13,[15]			
	[11,13],14	[9],13		12,[13],14,[15]	13,[14,15.2]	
	[29],30.2,31.2,[32.2]		X,[Y]	11,12	22,24,[25,26]	
		6,[9]	8,12	11,[16,18],19		
PLEAYD	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	16,17		9,13
	4e	8,11,12,13	13,15		14,17	19,20
	13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X	11,12	22,24,25	
	18,28.2,34.2	6,9	8,12	11,16,18,19		
PLYZZL	Identifiler® Plus, GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
	4e	8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
	18,19,28.2,34.2	6,9	8,12	11,16,18,19		
PM6KLZ	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16,16		9,13
	4e	11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	9,12
	10,15	18,28.2	6,6	8,12	11,19	

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 4e - STR Results

PQCU2C	Identifiler® Plus	16,17,18,24		15,16,17		9,12,13
4e		8,11,12,13	13,15			
		11,13,14	[9],13	12,13,14,15	13,14,15.2	
		29,30.2,31.2,32.2	X,Y	11,12	22,24,25,26	
			6,9	8,12	11,16,18,19	
PRMXDF	GlobalFiler™	16,17,18,24	10,11,14	[15],16,[17]		9,12,13
4e		8,11,12,13	13,[15]		14,[15],[17]	[17],19,20
		11,13,14	[9],13	12,13,14,15	13,[14],[15.2]	
		29,30.2,31.2,32.2	15,16	X,[Y]	11,12	22,24,25,26
		18,19,28.2,34.2	6,[9]	8,12	11,16,18,19	
PU9K63	Identifiler® Plus	16,17,[18],[24]		[15],16,[17]		9,[12],13
4e		[8],11,[12],13	13,[15]			
		[11],[13],14	[9],13	12,[13],14,[15]	13,[14],[15.2]	
		[29],30.2,31.2,[32.2]	X,[Y]	11,12	22,24,[25],[26]	
			6,[9]	8,12	11,[16],[18],19	
PVJJ3W	Identifiler® Plus	16,17,18,24		15,16,17		9,12,13
4e		8,11,12,13	13,15			
		11,13,14	9,13	12,14,15	13,14	
		29,30.2,31.2,32.2	X,Y	11,12	22,24,25	
			6,9	8,12	11,16,19	
PZW3P7	GlobalFiler™	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
		11,13,14	9,13	12,13,14,15	13,14,15.2	
		29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
Q4NZZG	GlobalFiler™	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
		11,13,14	9,13	12,13,14,15	13,14,15.2	
		29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
QA2JNP	Identifiler®	16,17,[18],[24]	N/A	[15],16,[17]	N/A	9,[12],13
4e		[8],11,[12],13	13,[15]	N/A	N/A	N/A
		[11],[13],14	[9],13	N/A	12,[13],14,[15]	13,[14],[15.2]
		[29],30.2,31.2,[32.2]	N/A	X,[Y]	11,12	22,24,[25],[26]
		N/A	N/A	6,[9]	8,12	11,[16],[18],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 4e - STR Results

QA934C	Identifiler® Plus, GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	[15],16,16,[17]	n/t	9,[12],13
4e	n/t	8,11,12,13	13,13,[15]	n/t	14,14,[15],[17]	17,19,20
	[11],[13],14,14	[9],13,13	n/t	12,13,14,15	13,13,[14],[15.2]	n/t
	[29],30.2,31.2,[32.2]	15,16	X,X,[Y]	11,12	22,24,25,26	n/t
	n/t	18,19,28.2,34.2	6,6,[9]	8,12	11,16,18,19	
QBTMB6	Identifiler®					
		16,17,18,24		15,16,17		9,12,13
4e		8,11,12,13	13,15			
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2		X,Y	11,12	22,24,25,26	
			6,9	8,12	11,16,18,19	
QDG6JH	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16		9,13
4e		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	18,28.2	6	8,12	11,19	
QNXXKC	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
QTRVBN	Identifiler® Plus, PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
QX4TP4	GlobalFiler™					
	15,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14	19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
QYEKTD	PowerPlex® Fusion					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,12
	7,10,12,15		6,9	8,12	11,16,18,19	

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 4e - STR Results

R23E9T	PowerPlex® Fusion 6C; 16					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	[11],13,14	[9],13		12,13,14,15	13,14,[15.2]	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
R3UGU9	Identifiler® Plus					
		16,17,[18],[24]		16,[17]		9,[12],13
4e		[8],11,[12],13	13,[15]			
	[11],[13],14	[9],13		12,[13],14,[15]	13,[14],[15.2]	
	[29],30.2,31.2,[32.2]		X	11,12	22,24,[25],[26]	
			6,[9]	8,12	11,[16],[18],19	
R9GDL6	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
RDU328	Identifiler® Plus					
		16,17,[18],[24]		[15],16,16,[17]		9,[12],13
4e		[8],11,[12],13	13,13,[15]			
	[11],[13],14,14	[9],13,13		12,[13],14,[15]	13,13,[14],[15.2]	
	[29],30.2,31.2,[32.2]		X,X,[Y]	11,12	22,24,[25],[26]	
			6,6,[9]	8,12	11,[16],[18],19	
RFJ8XK	GlobalFiler™					
	[14],15,[16],17.3	16,17,[18],[24]	[10],11,14	[15],16,[17]		9,[12],13
4e		[8],11,[12],13	13,[15]		14,[15],[17]	[17],19,20
	[11],[13],14	[9],13		12,[13],14,[15]	13,[14],[15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,[Y]	11,12	22,24,[25],[26]	
		18,[19],28.2,[34.2]	6,[9]	8,12	11,[16],[18],19	
RLNAJD	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
RP9BR7	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,[15]		14,[15]	17,19,20
	11,13,14	9,13		12,13,14,15	13,[14],15.2	
	29,30.2,31.2,32.2	15,16	X,[Y]	11,12	22,24,25,26	
		18,19,28.2,34.2	6,[9]	8,12	11,16,18,19	



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 4e - STR Results

RQWTMC	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
RVGEZT	PowerPlex® 21					
	14,15,16,17.3	16,17,18,24		15,16,17		9,12,13
4e		8,11,12,13	13,15			17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2		X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15		6,9	8,12	11,16,18,19	
T7UYXU	Identifiler® Plus					
		16,17,18,24		15,16,17		9,12,13
4e		8,11,12,13	13,15			
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2		X,Y	11,12	22,24,25,26	
			6,9	8,12	11,16,18,19	
TCD7BT	GlobalFiler™					
	[14],15,[16],17.3	16,17,[18],[24]	10,11,14	[15],16,[17]		9,[12],13
4e		8,11,12,13	13,[15]		14,[15],[17]	[17],19,20
	[11],[13],14	[9],13		12,[13],14,[15]	13,[14],[15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,[Y]	11,12	22,24,25,26	
		18,[19],28.2,[34.2]	6,[9]	8,12	11,[16],[18],19	
TLK8AY	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17	10,11,14	16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,19	
TRQU9U	PowerPlex® Fusion					
	[14],15,[16],17.3	16,17,[24]	[10],11,14	[15],16,[17]		9,[12],[13]
4e		[8],11,[12],13	13,[15]		14,[17]	[17],19,20
	[11],[13],14	[9],13		12,[13],14,[15]	13,[15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,[Y]	11,12	22,24,[25],[26]	9,[10],12
	[7],10,[12],15		6,[9]	8,12	11,[16],[18],19	
TTZN29	Identifiler® Plus					
		16,17,[18],[24]		[15],16,16,[17]		9,[12],13
4e		[8],11,[12],13	13,13,[15]			
	[11],[13],14,14	[9],13,13		12,[13],14,[15]	13,13,[14],[15.2]	
	[29],30.2,31.2,[32.2]		X,X,[Y]	11,12	22,24,[25],[26]	
			6,6,[9]	8,12	11,[16],[18],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 4e - STR Results

TVCCQE	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
TW4B4D	GlobalFiler™					
	15,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15	19,20
	11,13,14	9,13		12,13,14	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
U69Q3W	GlobalFiler™					
	14,15,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
U9D8LL	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
U9MN7D	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
UBJVYQ	PowerPlex® 21					
	14,15,16,17.3	16,17,18,24		15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2		X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15		6,9	8,12	11,16,18,19	
UBKPHW	Identifiler® Plus					
		16,17,[18,24]		[15],16,[17]		9,[12],13
4e		[8],11,[12],13	13,[15]			
	[11,13],14	[9],13		12,[13],14,[15]	13,[14,15.2]	
	[29],30.2,31.2,[32.2]			11,12	22,24,[25,26]	
			6,[9]	8,12	11,[16,18],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 4e - STR Results

UFQBG2	Identifiler® Plus					
	16,17,18,24			15,16,17		9,12,13
4e	8,11,12,13		13,15			
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2		X,Y	11,12	22,24,25,26	
			6,9	8,12	11,16,18,19	
UGNQJQ	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e	8,11,12,13		13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
UHVXXC	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e	8,11,12,13		13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
UK4FR2	Identifiler® Plus, GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17	NT	9,12,13
4e	NT	8,11,12,13	13,15	NT	14,14,[15],[17]	17,19,20
	11,13,14	9,13	NT	12,[13],14,[15]	13,14,15.2	NT
	[29],30.2,31.2,[32.2]	15,16	X,X,[Y]	11,12	22,24,25,26	NT
	NT	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
UKLAKP	PowerPlex® 21					
	14,15,16,17.3	16,17,18,24		15,16,17		9,12,13
4e	13,15,16	11,12,13	13,15			17,19,20
	11,14	9,13		12,14,15	13,14	
	29,30.2,31.2,32.2		X,Y	11,12	22,24,25,26	9,10,12
	7,10,15		6,9	8,12	11,18,19	
UMD9YM	Identifiler® Plus, PowerPlex® Fusion6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e	8,11,12,13		13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
UP3FJK	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e	8,11,12,13		13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,[INC],34.2	6,9	8,12	11,16,18,19	

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 4e - STR Results

UQ6MBB	PowerPlex® F6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
UTR7C9	Identifiler® Plus, GlobalFiler™					
	[14],15,[16],17.3	16,17,[18],[24]	[10],11,14	[15],16,[17]		9,[12],13
4e		[8],11,[12],13	13,[15]		14,[15],[17]	[17],19,20
	[11],[13],14	[9],13		12,[13],14,[15]	13,[14],[15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,[Y]	11,12	22,24,[25],[26]	
		18,[19],28.2,[34.2]	6,[9]	8,[12]	11,[16],[18],19	
UTY63C	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
UXC3AY	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
UZYN3M	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
V66NQX	PowerPlex® Fusion 6C					
	15,17.3	16,17	11,14	16,16		9,13
4e		11,13	13,13		14,14	19,20
	14,14	13,13		12,14	13,13	
	30.2,31.2	15,16	X,X	11,12	22,24	9,12
	10,15	18,28.2	6,6	8,12	11,19	
V9QJGW	GlobalFiler™					
	[14],15,[16],17.3	16,17,[18],[24]	[10],11,14	[15],16,[17]		9,12,13
4e		[8],11,[12],13	13,[15]		14,[15],[17]	[17],19,20
	[11],[13],14	[9],13		12,[13],14,[15]	13,[14],[15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,[Y]	11,12	22,24,[25],[26]	
		18,[19],28.2,[34.2]	6,[9]	8,12	11,[16],[18],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 4e - STR Results

VA2D86	GlobalFiler™					
	[14],15,[16],17.3	16,17,[18,24]	[10],11,14	[15],16,16,[17]	NT	9,[12],13
	4e	NT	[8],11,[12],13	13,13,[15]	NT	[17],19,20
	[11,13],14,14	[9],13,13	NT	12,[13],14,[15]	13,13,[14,15.2]	NT
	[29],30.2,31.2,[32.2]	15,16	X,X,[Y]	11,12	22,24,[25,26]	NT
	NT	18,[19],28.2,[34.2]	6,6,[9],[Q]	8,12,[Q]	11,[16,18],19	
VAYPN7	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
	4e	8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
	18,19,28.2,34.2	6,9	8,12	11,16,18,19		
VC6AC7	GlobalFiler™					
	[14],15,[16],17.3	16,17,[18,24]	[10],11,14	[15],16,[17]		9,[12],13
	4e	8,[11],12,[13]	13,[15]		14,[15,17]	[17],19,20
	[11],[13],14	[9],13		12,[13],14,[15]	13,[14,15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,[Y]	11,12	22,24,[25,26]	
	18,[19],28.2,[34.2]	6,[9]	8,12	11,[16,18],19		
VD36Q4	GlobalFiler™					
	14,15,[16],17.3	16,17,18,24	[10],11,14	[15],16,[17]		9,[12],[13]
	4e	8,11,12,13	13,[15]		14,[15],[17]	17,19,20
	[11],[13],14	13		12,13,14,15	13,[14],[15.2]	
	29,30.2,31.2,32.2	15,16	X,[Y]	11,12	22,24,25,26	
	18,19,28.2,34.2	6,[9]	8,12	11,16,18,19		
VG66QZ	GlobalFiler™					
	[14],15,[16],17.3	16,17,[18,24]	[10],11,14	[15],16,16,[17]		9,[12],13
	4e	[8],11,[12],13	13,13,[15]		14,14,[15,17]	[17],19,20
	[11,13],14,14	[9],13,13		12,[13],14,[15]	13,13,[14,15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,X,[X,Y]	11,12	22,24,[25,26]	
	18,[19],28.2,[34.2]	6,6,[9]	8,12	11,[16,18],19		
VRZJLQ	Identifiler® Plus					
		16,17,18,24		16,17		9,13
	4e	8,11,12,13	13,15			
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2		X,Y	11,12	22,24,25,26	
		6,9	8,12	11,16,18,19		
VU9HUE	Identifiler®					
		16,17,18,24		15,16,17		9,12,13
	4e	8,11,12,13	13,15			
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2		X,Y	11,12	22,24,25,26	
		6,9	8,12	11,16,18,19		

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 4e - STR Results

W67TQR	Identifiler® Plus	16,17,[18],[24]		[15],16,[17]		9,[12],13
4e		[8],11,[12],13	13,[15]			
		[11],[13],14	[9],13	12,[13],14,[15]	13,[14],[15.2]	
		[29],30.2,31.2,[32.2]	X,[Y]	11,12	22,24,[25],[26]	
			6,[9]	8,12	11,[16],[18],19	
W6ZLFJ	PowerPlex® Fusion 6C	16,17,[18],[24]	[10],11,14	[15],16,[17]		9,[12],13
4e		[8],11,[12],13	13,[15]		14,[15],[17]	[17],19,20
		[11],[13],14	[9],13	12,13,14,15	13,[14],[15.2]	
		29,30.2,31.2,32.2	15,16	X,[Y]	11,12	22,24,25,26
		[7],10,[12],15	18,[19],28.2,[34.2]	6,[9]	8,12	11,[16],[18],19
WDF8PM	PowerPlex® Fusion 5C, 6C, GlobalFiler™	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
		11,13,14	9,13	12,13,14,15	13,14,15.2	
		29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26
		7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19
WEQEJ4	PowerPlex® Fusion	16,17,[18],[24]	[10],11,14	[15],16,[17]		9,[12],13
4e		[8],11,[12],13	13,[15]		14,[15],[17]	[17],19,20
		[11],[13],14	[9],13	12,[13],14,[15]	13,[14],[15.2]	
		[29],30.2,31.2,[32.2]	15,16	X,[Y]	11,12	22,24,[25],[26]
		[7],10,[12],15	6,[9]	8,12	11,[16],[18],19	
WM8LQ9	PowerPlex® Fusion 6C	16,17,24	10,11,14	15,16,17		9,[12],13
4e		11,12,13	13,[15]		14,[15],[17]	[17],19,20
		11,13,14	13	12,[13],14	13,14,15.2	
		29,30.2,31.2,32.2	15,16	X,[Y]	11,12	22,24,[25],[26]
		[7],10,[12],15	18,[19],28.2,[34.2]	6,9	8,12	11,16,18,19
WRCMPG	Identifiler® Plus, GlobalFiler™	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
		11,13,14	9,13	12,13,14,15	13,14,15.2	
		29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26
			18,19,28.2,34.2	6,9	8,12	11,16,18,19
WU69NZ	Identifiler® Plus	16,17,[18]		[15],16,[17]		9,[12],13
4e		[8],11,[12],13	13,[15]			
		[11],[13],14	[9],13	12,[13],14,[15]	13,[14],[15.2]	
		[29],30.2,31.2,[32.2]	X,[Y]	11,12	22,24,[25]	
			6,[9]	8,12	11,[16],[18],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 4e - STR Results

WU6DV	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
X3TQAL	PowerPlex® Fusion 6C					
	[14],15,[16],17.3	16,17,[18,24]	[10],11,14	16,[17]		9,[12],13
		[8],11,[12],13	13,[15]		14,[15,17]	[17],19,20
	[11,13],14	[9],13		12,[13],14,[15]	13,[14,15.2]	
	[29,30.2,31.2,[32.2]	15,16	X,[Y]	11,12	22,24,[25,26]	9,[10],12
	[7],10,[12],15	18,[19],28.2,[34.2]	6	8,12	11,[16,18],19	
XH4A48	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
XLP8KB	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
XMH8DE	Identifiler® Plus, GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
XNBTDX	Identifiler® Plus					
		16,17,[18]		[15],16,16,[17]		9,[12],13
		[8],11,[12],13	13,13,[15]			
	[11,13],14,14	[9],13,13		12,[13],14,[15]	13,13,[14],[15.2]	
	[29],30.2,31.2,[32.2]		X,X,[Y]	11,12	22,24,[25]	
		6,6,[9]	8,12	11,[16,18],19		
XR9GMD	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	

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 4e - STR Results

XU24MV	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
XUWVCM	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
XUZDER	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
XW8NBW	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
XXFX6E	Investigator® 24plex QS					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
XXK6NA	Identifiler® Plus, PowerPlex® Fusion					
	15,17.3	16,17	11,14	16		9,13
4e		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15		6	8,12	11,19	
XXV773	PowerPlex® Fusion					
	14,15,16,17.3	16,17,18,24	10,11,14	16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15		6,9	8,12	11,16,18,19	



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 4e - STR Results

Y3BRZU	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
Y6KR62	PowerPlex® 21					
	14,15,16,17.3	16,17,18,24		15,16,17		9,12,13
4e		8,11,12,13	13,15			17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2		X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15		6,9	8,12	11,16,18,19	
Y76ZU3	PowerPlex® Fusion 5C					
	14,[15],16,[17.3]	[16],18,24	10,[11],14	15,[16],17		9,12,[13]
4e		8,[11],12,[13]	13,15		[14],15,17	17,19
	11,13,[14]	9,13		[12],13,[14],15	[13],14,15.2	
	29,[30.2],[31.2],32.2	16	X,Y	11,12	[22],25,26	10,[12]
	7,12		INC	8	[11],16,18	
YB4A7Q	PowerPlex® Fusion 6C					
	[14],15,[16],17.3	16,17,[18],[24]	[10],11,14	[15],16,[17]		9,[12],13
4e		[8],11,[12],13	13,[15]		14,[15],[17]	[17],19,20
	[11],[13],14	[9],13		12,[13],14,[15]	13,[14],[15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,[Y]	11,12	22,24,[25],[26]	9,[10],12
	[7],10,[12],15	18,[19],28.2,[34.2]	6,[9]	8,12	11,[16],[18],19	
YCE8LT	Identifiler® Plus					
		16,17,[18],[24]		[15],16,[17]		9,[12],13
4e		[8],11,[12],13	13,[15]			
	[11],14	[9],13		12,[13],14,[15]	13,[14],[15.2]	
	[29],30.2,31.2,[32.2]		X,[Y]	11,12	22,24,[25],[26]	
			6,[9]	8,12	11,[16],[18],19	
YKMLKN	Identifiler® Plus					
		16,17,[18],[24]		[15],16,[17]		9,[12],13
4e		[8],11,[12],13	13,[15]			
	[11],[13],14	[9],13		12,[13],14,[15]	13,[14],[15.2]	
	[29],30.2,31.2,[32.2]		X,[Y]	11,12	22,24,[25],[26]	
			6,[9]	8,12	11,[16],[18],19	
YN8NDE	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,[14],15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,[12],15	18,[19],28.2,[34.2]	6,9	8,12	11,16,18,19	

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 4e - STR Results

YP2CVB	GlobalFiler™					
	[14],15,[16],17.3	16,17,[18],[24]	[10],11,14	[15],16,16,[17]		9,[12],13
	4e	[8],11,[12],13	13,13,[15]		14,14,[15],[17]	[17],19,20
	[11],[13],14,14	[9],13,13		12,[13],14,[15]	13,13,[14],[15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,X,[X],[Y]	11,12	22,24,[25],[26]	
	18,[19],28.2,[34.2]	6,6,[9]	8,12	11,[16],[18],19		
YWJU3Q	PowerPlex® Fusion 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
	4e	8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
YYMK8K	Identifiler® Plus					
		16,17,18,24		16,17		9,12,13
	4e	8,11,12,13	13,15			
	11,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2		X,Y	11,12	22,24,25,26	
		6,9	8,12	11,16,18,19		
YZH72C	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
	4e	8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
	18,19,28.2,34.2	6,9	8,12	11,16,18,19		
YZN9YW	GlobalFiler™					
	[14],15,[16],17.3	16,17,[18,24]	[10],11,14	[15],16,16,[17]		9,[12],13
	4e	[8],11,[12],13	13,13,[15]		14,14,[15],[17]	[17],19,20
	[11],[13],14,14	[9],13,13		12,[13],14,[15]	13,13,[14],[15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,X,[X],[Y]	11,12	22,24,[25],[26]	
	18,[19],28.2,[34.2]	6,6,[9]	8,12	11,[16],[18],19		
Z764D7	PowerPlex® Fusion 5C, 6C					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
	4e	8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	9,10,12
	7,10,12,15	18,19,28.2,34.2	6,9	8,12	11,16,18,19	
Z76AA7	Identifiler® Plus, PowerPlex® Fusion					
	15,17.3	16,17	11,14	16		9,13
	4e	11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15	6	8,12	11,19		

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 4e - STR Results

Z7Y6N3	Identifiler® Plus, GlobalFiler™					
	[14],15,[16],17.3	16,17,[18],[24]	[10],11,14	[15],16,[17]		9,[12],13
4e		[8],11,[12],13	13,[15]		14,[15],[17]	[17],19,20
	[11],[13],14	[9],13		12,[13],14,[15]	13,[14],[15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,[Y]	11,12	22,24,[25],[26]	
		18,[19],28.2,[34.2]	6,[9]	8,12	11,[16],[18],19	
ZBYALG	GlobalFiler™					
	[14],15,17.3	16,17,[18],[24]	[10],11,14	[15],16,[17]		9,[12],13
4e		11,[12],13	13,[15]		14,[15],[17]	19,20
	[11],[13],14	13		12,14	13,[14],[15.2]	
	30.2,31.2,[32.2]	15,16	X	11,12	22,24,[25],[26]	
		18,28.2,[34.2]	6,[9]	8,12	11,[16],[18],19	
ZCQC9V	Identifiler® Plus, GlobalFiler™					
	[14],15,[16],17.3	16,17,[18],[24]	[10],11,14	[15],16,16,[17]		9,[12],13
4e		[8],11,[12],13	13,13,[15]		14,14,[15],[17]	[17],19,20
	[11],[13],14,14	[9],13,13		12,[13],14,[15]	13,13,[14],[15.2]	
	[29],30.2,31.2,[32.2]	15,16	X,X,[Y]	11,12	22,24,[25],[26]	
		18,[19],28.2,[34.2]	6,6,[9]	8,12	11,[16],[18],19	
ZDMLM8	Identifiler® Plus, PowerPlex® flusion					
	15,17.3	16,17	11,14	16		9,13
4e		11,13	13		14	19,20
	14	13		12,14	13	
	30.2,31.2	15,16	X	11,12	22,24	9,12
	10,15		6	8,12	11,19	
ZGHJQ6	Identifiler® Plus, GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
ZJQPBK	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
ZRLU2Z						
	(14),15,(16),17.3	16,17,(18,24)	(10),11,14	16,(17)		9,(12),13
4e		(8),11,(12),13	13,(15)		14,(15),17	(17),19,20
	(11,13),14	(9),13		12,(13),14,(15)	13,(14,15.2)	
	(29),30.2,31.2,(32.2)	15,16	X,(Y)	11,12	22,24,(25,26)	9,(10),12
	(7),10,(12),15		6,(9)	8,12	11,(16,18),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

ZTZ8U4	GlobalFiler™					
	14,15,16,17.3	16,17,18,24	10,11,14	15,16,17		9,12,13
4e		8,11,12,13	13,15		14,15,17	17,19,20
	11,13,14	9,13		12,13,14,15	13,14,15.2	
	29,30.2,31.2,32.2	15,16	X,Y	11,12	22,24,25,26	
		18,19,28.2,34.2	6,9	8,12	11,16,18,19	
ZYHMCF	Identifiler®					
	N/A	16,17,[18],[24]	N/A	[15],16,[17]	N/A	9,[12],13
4e	N/A	[8],11,[12],13	13,[15]	N/A	N/A	N/A
	[11],[13],14	[9],13	N/A	12,[13],14,[15]	13,[14],[15.2]	N/A
	[29],30.2,31.2,[32.2]	N/A	X,[Y]	11,12	22,24,[25],[26]	N/A
	N/A	N/A	6,[9]	8,12	11,[16],[18],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 4sp - STR Results

22LKJ2	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8,8	16,18		
23KHZP	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
2HGTQ2	PowerPlex® Fusion 5C					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12	6,9	8,8	16,18		
2J6BL8	Identifiler® Plus					
	-	18,24	-	15,17	-	9,12
	4sp	8,12	13,15	-	-	-
	11,13	9,13	-	13,15	14,15.2	-
	29,32.2	-	X,Y	11,12	25,26	-
	-	6,9	8	16,18		
2KLF7Q	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
2PCVQR	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
2Q8C8V	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	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 4sp - STR Results

2RGRT8	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
2X8XVN	Identifiler® Plus, PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
4sp	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
32LTD8	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
4sp	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8,8	16,18	
33DXJY	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
34RKW8	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
37DDP2	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
389PV3	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		19,34.2	6,9	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 4sp - STR Results

3ACKCK	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8,8	16,18		
3DUMG6	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
3RE3K4	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
3WQ3NM	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
3YZBVL	Identifiler® Plus, PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
3ZPENT	Identifiler® Plus					
		18,24		15,17		9,12
	4sp	8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		6,9	8,8	16,18		
43AUZZ	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	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 4sp - STR Results

43QYQJ	PowerPlex® Fusion 5C					
	14,[15],16,[17.3]	[16],18,24	10,14	15,17		9,12
4sp		8,12	13,15		[14],15,17	17,19
	11,13	9,13		13,15	[13],14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10,[12]
	7,12		6,9	8,[12]	[11],16,18	
44874N	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
44LKKB	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
44NBN8	Investigator® 24plex QS					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
46DN66	Identifiler® Plus, GlobalFiler™, MiniFiler					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
46Y2QW	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
4HKGUW	Identifiler® Plus					
		18,24		15,17		9,12
4sp		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	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 4sp - STR Results

4JJGX3	PowerPlex® Fusion 6C					
		14,16	18,24	10,14	15,17	9,12
	4sp		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
	7,12	19,34.2	6,9	8	16,18	
4Q4TXP	GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	4sp		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
		19,34.2	6,9	8	16,18	
4QMERZ	GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	4sp		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
		19,34.2	6,9	8	16,18	
4RDPG9	PowerPlex® Fusion 5C					
		14,15,16,17.3	16,18,24	10,14	15,16,17	9,12,13
	4sp		8,11,12,13	13,15		14,15,17
		11,13,14	9,13		13,15	13,14,15.2
		29,30.2,31.2,32.2	16	X,Y	11,12	22,24,25,26
	7,12,15		6,9	8,12	11,16,18,19	
4WCW7C	PowerPlex® Fusion 6C					
		14,16	18,24	10,14	15,17	9,12
	4sp		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
	7,12	19,[INC],34.2	6,9	8	16,18	
4XK7YA	Investigator® 24plex QS					
		14,16	18,24	10,14	15,17	9,12
	4sp		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
		19,34.2	6,9	8	16,18	
4YAJE7	Identifiler® Plus, GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	4sp		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16,16	X,Y	11,12	25,26
		19,34.2	6,9	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 4sp - STR Results

62UT2D	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
62ZVZX	PowerPlex® Fusion 5C					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12		6,9	8,8	16,18	
6DV8AQ	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12	19,34.2	6,9	8,8	16,18	
6ERPF	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
6FURPA	PowerPlex® ESIFast					
	14,16,[17.3]	18,24	10,14	15,17		
4sp			13,15		15,17	17,19
		9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y		25,26	
		[15.2],[17],19,[3],34.2	6,9		16,18	
6HMGFH	Identifiler® Plus					
		18,24		15,17		9,12
4sp		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
6HN9C6	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	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 4sp - STR Results

6KQAAG	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
6MU6TJ	Identifiler® Plus, PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
6NELDT	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
6TJHWT	Identifiler® Plus					
		18,24		15,17		9,12
	4sp	8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		6,9	8	16,18		
6WNBQQ	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
74X2R9	PowerPlex® Fusion 6C					
	14,15,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,[INC],34.2	6,9	8	16,18	
77M6KF	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	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 4sp - STR Results

7A2UUQ	Identifiler® Plus					
		18,24		15,17		9,12
4sp		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
7HYKGM	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12	19,34.2	6,9	8,8	16,18	
7QUKVF	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13,14	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
7XTABX	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
7YK8NW	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
88WL9D	PowerPlex® Fusion6C					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
8BEUHY	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	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 4sp - STR Results

8BU8UN	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
8C9FCP	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
8EVYDM	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
8LUXFW	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
8LVNNZ	Identifiler® Plus					
		18,24		15,17		9,12
4sp	8,12		13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
8YNXJL	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
8YZTUR	Identifiler® Plus					
		18,24		15,17		9,12
4sp	8,12		13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	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 4sp - STR Results

94RBQH	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12	19,34.2	6,9	8,8	16,18	
9AVEH3	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
9DVRYZ	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
9EZZLA	Identifiler® Plus					
		18,24		15,17		9,12
4sp		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	10
	7,12		6,9	8	16,18	
9GU28G	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12	19,34.2	6,9	8,8	16,18	
9KFQTE	PowerPlex® ESI-17 FAST					
	14,16	18,24	10,14	15,17		
4sp			13,15		15,17	17,19
		9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y		25,26	
		19,34.2	6,9		16,18	
9M6XDC	PowerPlex® Fusion					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12		6,9	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 4sp - STR Results

9MMWJM	PowerPlex® Fusion 6C					
		14,16	18,24	10,14	15,17	9,12
	4sp		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16,16	X,Y	11,12	25,26
	7,12	19,34.2	6,9	8,8	16,18	
9MPQYL	GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	4sp		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
		19,34.2	6,9	8	16,18	
9TAWMF	PowerPlex® Fusion 6C					
		14,16	18,24	10,14	15,17	9,12
	4sp		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16,16	X,Y	11,12	25,26
	7,12	19,34.2	6,9	8,8	16,18	
9TUH8J	GlobalFiler™, MiniFiler					
		14,16	18,24	10,14	15,17	9,12
	4sp		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
		19,34.2	6,9	8	16,18	
9VG6Z8	GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	4sp		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
		19,34.2	6,9	8	16,18	
9YVMBW	GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	4sp		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16,16	X,Y	11,12	25,26
		19,34.2	6,9	8,8	16,18	
9ZQ8ZG	PowerPlex® Fusion 6C					
		14,16	18,24	10,14	15,17	9,12
	4sp		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16,16	X,Y	11,12	25,26
	7,12	19,34.2	6,9	8,8	16,18	

TABLE 2

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

Item 4sp - STR Results

A7VE4Q	Identifiler® Plus, Investigator® 24plex QS					
	14,16	18,24	10,14	15,17		9,12
4sp	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
AAG4N4	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
4sp	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	10
	7,12	19,INC,34.2	6,9	8	16,18	
AEM72J	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
4sp	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
AENR26	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
4sp	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
AFZQXZ	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
4sp	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
AKWDQN	Identifiler® Plus					
		18,24		15,17		9,12
4sp	8,12		13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8	16,18	
AKXYHA	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
4sp	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	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 4sp - STR Results

AMHYJB	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp	8,12					
	11,13	9,13		13,15	14,15.2	
	29,32.2		16	X,Y	11,12	25,26
		19,34.2	6,9	8	16,18	
ARVQMW	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
4sp	8,12					
	11,13	9,13		13,15	14,15.2	
	29,32.2		16	X,Y	11,12	25,26
	7,12	19,34.2	6,9	8	16,18	10
AT9AUA	Identifiler® Plus					
		18,24		15,17		9,12
4sp	8,12					
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
AVEUGA	Identifiler® ID+					
		18,24		15,17		9,12
4sp	8,12					
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
AXD2VR	Identifiler® Plus					
		18,24		15,17		9,12
4sp	8,12					
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
AXGGBD	Identifiler® Plus					
		18,24		15,17		9,12
4sp	8,12					
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8	16,18	
AYWUYA	PowerPlex® 21					
	14,16	18,24		15,17		9,12
4sp	13,15					
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	10,10
	7,12		6,9	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 4sp - STR Results

B2HX88	PowerPlex® 21					
	14,16	18,24		15,17		9,12
	4sp	13,15	8,12	13,15		17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	10,10
	7,12		6,9	8,8	16,18	
B37G3D	PowerPlex® ESI-17 FAST					
	14,16	18,24	10,14	15,17		
	4sp		13,15		15,17	17,19
		9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y		25,26	
	19,34.2	6,9		16,18		
B6XPXZ	Investigator® 24plex QS					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
B77RZY	Identifiler® Plus					
		18,24		15,17		9,12
	4sp	8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		6,9	8,8	16,18		
B8ZHZL	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8,8	16,18		
B9WQEX	Identifiler® Plus					
		18,24		15,17		9,12
	4sp	8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		6,9	8,8	16,18		
BAQLTT	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	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 4sp - STR Results

BD4J4M	GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	4sp		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
		19,34.2	6,9	8	16,18	
BE8UBQ	Identifiler® Plus					
			18,24		15,17	9,12
	4sp		8,12	13,15		
		11,13	9,13		13,15	14,15.2
		29,32.2		X,Y	11,12	25,26
			6,9	8	16,18	
BG8FPB	GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	4sp		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
		19,34.2	6,9	8	16,18	
BHXHCQ	GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	4sp		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16,16	X,Y	11,12	25,26
		19,34.2	6,9	8,8	16,18	
BUXZEE	Identifiler® Plus, PowerPlex® F6C					
		14,16	18,24	10,14	15,17	9,12
	4sp		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
	7,12	19,34.2	6,9	8	16,18	10
BXUVT8	PowerPlex® Fusion 5C & 6C, GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	4sp		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
	7,12	19,34.2	6,9	8	16,18	10
C97FRU	PowerPlex® Fusion 6C					
		14,16	18,24	10,14	15,17	9,12
	4sp		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
	7,12	19,34.2	6,9	8	16,18	10

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	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

CJB8J9	PowerPlex® Fusion 6C; 16					
		14,16	18,24	10,14	15,17	9,12
	4sp		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
	7,12	19,34.2	6,9	8	16,18	10
CMP32R	GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	4sp		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16,16	X,Y	11,12	25,26
	N/A	19,34.2	6,9	8,8	16,18	N/A
CNPW7R	GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	4sp		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
		19,34.2	6,9	8	16,18	
CV7G6W	Identifiler® Plus					
		-	18,24	-	15,17	9,12
	4sp		8,12	13,15	-	-
		11,13	9,13	-	13,15	14,15.2
		29,32.2	-	X,Y	11,12	25,26
	-	-	6,9	8	16,18	-
D32WBF	GlobalFiler™					
		[14],[16]	[16],18,[24]	10,[11],14	[15],[16],17	[9],[12],[13]
	4sp		[8],[12]	13,15		[14],[15],[17]
		11,13	[9],[13]		13,[14],[15]	[13],[14],[15.2]
		[29],[32.2]	16	X,Y	[11],[12]	[25],[26]
		[19],[28.2],[34.2]	[6],[9]	[8]	[16],[18]	[17],[19]
DC9HDP	Identifiler® Plus					
			18,24		15,17	9,12
	4sp		8,12	13,15		
		11,13	9,13		13,15	14,15.2
		29,32.2		X,Y	11,12	25,26
			6,9	8,8	16,18	
DDYU22	PowerPlex® Fusion6C					
		14,16	18,24	10,14	15,17	9,12
	4sp		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
	7,12	19,[INC],34.2	6,9	8	16,18	10

TABLE 2

WebCode	Amplification Kits					
Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	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

DEEZE7	PowerPlex® 5C, 6C, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
DNJ7CE	Identifiler® Plus					
		18,24		15,17		9,12
4sp	8,12		13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8	16,18	
DQ9DWB	PowerPlex® Fusion					
	14,16	18,24	10,14	15,17	N/A	9,12
4sp	8,12		13,15	N/A	15,17	17,19
	11,13	9,13	N/A	13,15	14,15.2	N/A
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	N/A	6,9	8	16,18	
DU63UA	Identifiler® Plus					
		18,24		15,17		9,12
4sp	8,12		13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8	16,18	
DWV7GP	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
DYZWQP	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
E2KWUC	Identifiler® Plus					
		18,24		15,17		9,12
4sp	8,12		13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	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 4sp - STR Results

E7D7VX	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	4sp		8,12	13,15		15,17
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8,8	16,18		
E7GVXA	PowerPlex® ESI17 Fast					
	14,16	18,24	10,14	15,17		
	4sp		13,15		15,17	17,19
		9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y		25,26	
	19,34.2	6,9		16,18		
EB83H4	Identifiler®					
	14,16	18,24		15,17		9,12
	4sp		8,12	13,15		17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	10
	7,12	6,9	8	16,18		
EBTQN6	PowerPlex® 21					
	14,16	18,24		15,17		9,12
	4sp		8,12	13,15		17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	10,10
	7,12	6,9	8,8	16,18		
EFMNFG	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	4sp		8,12	13,15		15,17
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12	19,34.2	6,9	8,8	16,18	
EHA34Q	PowerPlex® Fusion					
	14,16	18,24	10,14	15,17		9,12
	4sp		[8],[12]	13,15		[14],15,17
	11,13	9,13		13,15	14,15.2	
	29,[30.2],32.2	16	X,Y	11,12	[22],25,26	10
	7,12		6,9	8	16,18,[19]	
EM63XT	PowerPlex® Fusion					
	14,16	18,24	10,14	15,17		9,12
	4sp		8,12	13,15		15,17
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12		6,9	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 4sp - STR Results

ENYKKN	Identifiler® Plus	18,24		15,17		9,12
4sp		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8	16,18	
EPHL3	GlobalFiler™	18,24	10,14	15,17	Not Tested	9,12
4sp	Not Tested	8,12	13,15	Not Tested	15,17	17,19
	11,13	9,13	Not Tested	13,15	14,15.2	Not Tested
	29,32.2	16	X,Y	11,12	25,26	Not Tested
	Not Tested	19,34.2	6,9	8	16,18	
ETND3G	Identifiler® 16	18,24		15,17		9,12
4sp		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
EV4LN6	Identifiler® Plus, GlobalFiler™	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
EVDH2F	PowerPlex® Fusion 6C	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
EZ8ACX	GlobalFiler™	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
F7AVLC	Identifiler® Plus	18,24		15,17		9,12
4sp		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	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 4sp - STR Results

F82Y78	Identifiler® Plus	18,24		15,17		9,12
4sp		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
F9JZY2	Identifiler® Plus, PowerPlex® Fusion 6C	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
FBA8JX	PowerPlex® Fusion 6C	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
FDYE4U	PowerPlex® Fusion 6C	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	24,25,26	10
	7,12	19,33.2,34.2	6,9	8	16,18	
FE7XGW	GlobalFiler™	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
FJKBNB	GlobalFiler™	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
FK9UJG	Identifiler® Plus	18,24		15,17		9,12
4sp		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	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 4sp - STR Results

FKBU9A	Identifiler® Plus, PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
4sp	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
FKUMYL	Identifiler® Plus					
		18,24		15,17		9,12
4sp	8,12		13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
FXFVZT	Identifiler® Plus, PowerPlex® Fusion					
	14,16	18,24	10,14	15,17		9,12
4sp	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12		6,9	8	16,18	
FYBFPD	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
4sp	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12	19,34.2	6,9	8,8	16,18	
G2WKXB	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
4sp	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
GE689T	PowerPlex® ESX 17 FAST					
4sp						
GLLRFY	Identifiler® Plus, PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
4sp	8,12		13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	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 4sp - STR Results

GMC6RQ	GlobalFiler™					
	14,15,16	18,24	10,14	15,16,17		9,12
	4sp	8,11,12	13,15		14,15,17	17,19,20
	11,13	9,13		13,15	13,14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
GMEM39	Identifiler® Plus					
	18,24			15,17		9,12
	4sp	8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		6,9	8	16,18		
GPZCGT	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8,8	16,18		
GUEZ3B	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
GV9TXU	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
GXCQ6G	GlobalFiler™					
	14,[15],16	[16],[17],18,24	10,14	15,[16],17		9,12,[13]
	4sp	8,[11],12,[13]	13,15		[14],15,17	17,19
	11,13,[14]	9,13		13,15	[13],14,15.2	
	29,[31.2],32.2	16	X,Y	11,12	[22],[24],25,26	
	[18],19,34.2	6,9	8	[11],16,18,[19]		
GYQYAB	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12	19,34.2	6,9	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 4sp - STR Results

H2RDGZ	PowerPlex® 21					
		14,16	18,24		15,17	9,12
	4sp	13,15	8,12	13,15		17,19
		11,13	9,13		13,15	14,15.2
		29,32.2		X,Y	11,12	25,26
	7,12		6,9	8,8	16,18	
H6AMHL	GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	4sp		8,12	13,15		17,19
		11,13	9,13		13,15	14,15.2
		29,32.2	16,16	X,Y	11,12	25,26
		19,34.2	6,9	8,8	16,18	
H6UDEC	GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	4sp		8,12	13,15		17,19
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
		19,34.2	6,9	8	16,18	
H9DFFQ	GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	4sp		8,12	13,15		17,19
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
		19,34.2	6,9	8	16,18	
HCCPTD	GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	4sp		8,12	13,15		17,19
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
		19,34.2	6,9	8	16,18	
HEZ8MJ	Identifiler® Plus					
			18,24		15,17	9,12
	4sp		8,12	13,15		
		11,13	9,13		13,15	14,15.2
		29,32.2		X,Y	11,12	25,26
			6,9	8,8	16,18	
HHGLFJ	PowerPlex® Fusion					
		14,16	18,24	10,14	15,17	9,12
	4sp		8,12	13,15		17,19
		11,13	9,13		13,15	14,15.2
		29,32.2	16,16	X,Y	11,12	25,26
	7,12		6,9	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 4sp - STR Results

HL2BZW	PowerPlex® Fusion 6C					
		14,16	18,24	10,14	15,17	9,12
	4sp		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
		7,12	19,INC,34.2	6,9	8	16,18
HLHQT6	Identifiler® Plus					
			18,24		15,17	9,12
	4sp		8,12	13,15		
		11,13	9,13		13,15	14,15.2
		29,32.2		X,Y	11,12	25,26
				6,9	8	16,18
HN8XD2	Identifiler® Plus					
			18,24		15,17	9,12
	4sp		8,12	13,15		
		11,13	9,13		13,15	14,15.2
		29,32.2		X,Y	11,12	25,26
				6,9	8,8	16,18
HQBQ8Z	Identifiler® Plus, PowerPlex® Fusion					
		14,16	18,24	10,14	15,17	9,12
	4sp		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
		7,12	19,34.2	6,9	8	16,18
HQVC3B	GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	4sp		8,12	13,15	-	15,17
		11,13	9,13	-	13,15	14,15.2
		29,32.2	16,16	X,Y	11,12	25,26
		-	19,34.2	6,9	8,8	16,18
HR3TRU	GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	4sp		8,[11],12	13,15		[14],15,17
		11,13	9,13		13,15	[13],14,15.2
		29,32.2	16	X,Y	11,12	25,26
			19,34.2	6,9	8	16,18
J6BPVW	PowerPlex® FUSION 6C					
		14,16	18,24	10,14	15,17	9,12
	4sp		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
		7,12	19,34.2	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 4sp - STR Results

JAKAG9	Identifiler® Plus					
		18,24		15,17		9,12
4sp		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8	16,18	
JBXN3W	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
JFAMKG	Identifiler® Plus, Investigator® 24plex					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
JHCKQ4	Identifiler® Plus					
		18,24		15,17		9,12
4sp		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8	16,18	
JQ7QMQ	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
JTC78B	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
JUTDFD	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	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 4sp - STR Results

JYLA7P	Identifiler®					
		18,24		15,17		9,12
4sp		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
K2L6ZC	Identifiler®					
		18,24		15,17		9,12
4sp		8,12	13,15			
	11,13,[14]	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
K47YT7	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
KBQWNL	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
KCKPJ4	PowerPlex® ESI-17					
	14,16	18,24	10,14	15,17		
4sp			13,15		15,17	17,19
		9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y		25,26	
		19,34.2	6,9		16,18	
KCMGBK	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
KHR6B2	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	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 4sp - STR Results

KJMP6R	Investigator® 24plex QS					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
KLB9YX	Identifiler® Plus, PowerPlex® Fusion 6C, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
KNV92Y	PowerPlex® 21					
	14,16	18,24		15,17		9,12
	4sp	8,12	13,15			17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	10,10
	7,12		6,9	8,8	16,18	
KPBDXC	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12	19,34.2	6,9	8,8	16,18	
KQ66M4	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
L8H9F9	Identifiler® Plus, MiniFiler					
	Not typed	18,24	Not typed	15,17	Not typed	9,12
	4sp	8,12	13,15	Not typed	Not typed	Not typed
	11,13	9,13	Not typed	13,15	14,15.2	Not typed
	29,32.2	Not typed	X,Y	11,12	25,26	Not typed
	Not typed	Not typed	6,9	8,8	16,18	
L9GB9J	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	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 4sp - STR Results

LB42LA	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
LGV94H	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
LH66PM	Identifiler® Plus					
	18,24			15,17		9,12
	4sp	8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		6,9	8	16,18		
LJZQCL	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
LK9XGZ	Identifiler® Plus					
	-	18,24	-	15,17	-	9,12
	4sp	8,12	13,15	-	-	-
	11,13	9,13	-	13,15	14,15.2	-
	29,32.2	-	X,Y	11,12	25,26	-
	-	6,9	8	16,18		
LP7DC3	Identifiler® Plus					
	18,24			15,17		9,12
	4sp	8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		6,9	8	16,18		
LU4QZR	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	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 4sp - STR Results

LUYJPJ	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
LVYCTJ	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
LY9J2B	Identifiler® Plus					
		18,24		15,17		9,12
4sp		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
M6C4LK	Identifiler® Plus					
	-	18,24	-	15,17	-	9,12
4sp		8,12	13,15	-	-	-
	11,13	9,13	-	13,15	14,15.2	-
	29,32.2	-	X,Y	11,12	25,26	-
	-	-	6,9	8	16,18	
M84Y9U	Identifiler®					
	n/a	18,24	n/a	15,17	n/a	9,12
4sp		8,12	13,15	n/a	n/a	n/a
	11,13	9,13	n/a	13,15	14,15.2	n/a
	29,32.2	n/a	X,Y	11,12	25,26	n/a
	n/a	n/a	6,9	8,8	16,18	
M9U322	GlobalFiler™					
	14,16	18,24	10,14	15,17	-	9,12
4sp		8,12	13,15	-	15,17	17,19
	11,13	9,13	-	13,15	14,15.2	-
	29,32.2	16	X,Y	11,12	25,26	-
	-	19,34.2	6,9	8	16,18	
MAC8JY	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	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 4sp - STR Results

MBHPFA	GlobalFiler™					
	14,[15],16	18,24	10,14	15,[16],17		9,12,[13]
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	[13],14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18,[19]		
MK7PPR	Identifiler®					
	N/A	18,24	N/A	15,17	N/A	9,12
	4sp	8,12	13,15	N/A	N/A	N/A
	11,13	9,13	N/A	13,15	14,15.2	N/A
	29,32.2	N/A	X,Y	11,12	25,26	N/A
	N/A	N/A	6,9	8,8	16,18	
MLJ4BF	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8,8	16,18		
MMGDN7	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
N2RDVG	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8,8	16,18		
N6AT3M	Identifiler®					
		18,24		15,17		9,12
	4sp	8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		6,9	8,8	16,18		
NHGJ6V	PowerPlex® 5C, 6C					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	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 4sp - STR Results

NJ7RF	GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	4sp		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
			19,34.2	6,9	8	16,18
NKKGE3	PowerPlex® Fusion 6C					
		14,16	18,24	10,14	15,17	9,12
	4sp		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16,16	X,Y	11,12	25,26
		7,12	19,34.2	6,9	8,8	16,18
NPEFL7	Identifiler® Plus					
			18,24		15,17	9,12
	4sp		8,12	13,15		
		11,13	9,13		13,15	14,15.2
		29,32.2		X,Y	11,12	25,26
				6,9	8,8	16,18
NTFE4Q	Identifiler®					
		N/A	18,24	N/A	15,17	9,12
	4sp		8,12	13,15	N/A	N/A
		11,13	9,13	N/A	13,15	14,15.2
		29,32.2	N/A	X,Y	11,12	25,26
		N/A	N/A	6,9	8,8	16,18
NVJAMU	GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	4sp		8,12	13,15	-	15,17
		11,13	9,13	-	13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
		-	19,34.2	6,9	8	16,18
NYZEGH	PowerPlex® Fusion 6C					
		14,16	18,24	10,14	15,17	9,12
	4sp		8,12	13,15		15,17
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
		7,12	19,34.2	6,9	8	16,18
P68F7J	GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	4sp		8,12	13,15		[14],15,17
		11,13,[14]	9,13		13,15	[13],14,15.2
		29,32.2	16	X,Y	11,12	25,26
			19,34.2	6,9	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 4sp - STR Results

PCM7GC	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
PEW7N6	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
PFKPJB	PowerPlex® Fusion					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
		7,12	6,9	8	16,18	
PFN634	Identifiler® Plus					
		18,24		15,17		9,12
	4sp	8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8	16,18	
PLEAYD	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
PLYZZL	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
PM6KLZ	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
		7,12	19,34.2	6,9	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 4sp - STR Results

PQCU2C	Identifiler® Plus					
		18,24		15,17		9,12
4sp		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8	16,18	
PRMXDF	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
PU9K63	Identifiler® Plus					
		18,24		15,17		9,12
4sp		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8	16,18	
PVJJ3W	Identifiler® Plus					
		18,24		15,17		9,12
4sp		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
PZW3P7	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
Q4NZZG	GlobalFiler™					
	14,15,16	17,18,24	10,14	15,16,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,14,15	14,15.2	
	29,31.2,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
QA2JNP	Identifiler®					
	N/A	18,24	N/A	15,17	N/A	9,12
4sp		8,12	13,15	N/A	N/A	N/A
	11,13	9,13	N/A	13,15	14,15.2	N/A
	29,32.2	N/A	X,Y	11,12	25,26	N/A
	N/A	N/A	6,9	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 4sp - STR Results

QA934C	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17	n/t	9,12
4sp	n/t	8,12	13,15	n/t	15,17	17,19
	11,13	9,13	n/t	13,15	14,15.2	n/t
	29,32.2	16,16	X,Y	11,12	25,26	n/t
	n/t	19,34.2	6,9	8,8	16,18	
QBTMB6	Identifiler®					
		18,24		15,17		9,12
4sp		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
QDG6JH	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
QNXKC	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
QTRVBN	Identifiler® Plus, PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
QX4TP4	GlobalFiler™					
	14,16	16,17,18,24	10,11,14	15,16,17		9,12
4sp		8,11,12	13,15		14,15,17	17,19
	11,13,14	9,13		12,13,15	13,14,15.2	
	29,31.2,32.2	16	X,Y	11,12	22,24,25,26	
		19,34.2	6,9	8	16,18	
QYEKTD	PowerPlex® Fusion					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12		6,9	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 4sp - STR Results

R23E9T	PowerPlex® Fusion 6C; 16					
	14,16	18,24	10,14	15,17		9,12
4sp	8,12					
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
R3UGU9	Identifiler® Plus					
		18,24		15,17		9,12
4sp	8,12					
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8	16,18	
R9GDL6	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp	8,12					
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
RDU328	Identifiler® Plus					
		18,24		15,17		9,12
4sp	8,12					
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
RFJ8XK	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp	8,12					
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
RLNAJD	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
4sp	8,12					
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
RP9BR7	GlobalFiler™					
	14,16	18,[24]	10,14	15,17		9,12
4sp	8,12					
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		19,34.2	6,9	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 4sp - STR Results

RQWTMC	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
RVGEZT	PowerPlex® 21					
	14,16	18,24		15,17		9,12
4sp		8,12	13,15			17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	10,10
	7,12		6,9	8,8	16,18	
T7UYXU	Identifiler® Plus					
		18,24		15,17		9,12
4sp		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8	16,18	
TCD7BT	GlobalFiler™					
	14,[15],16,[17.3]	18,24	10,[11],14	15,[16],17		9,12
4sp		8,12,[13]	13,15		[14],15,17	17,19
	11,13,[14]	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	[22],[24],25,26	
		19,34.2	6,9	8,[12]	[11],16,18,[19]	
TLK8AY	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
TRQU9U	PowerPlex® Fusion					
	14,[15],16	18,24	10,14	15,[16],17		9,12
4sp		8,12	13,15		[14],15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,[31.2],32.2	16	X,Y	11,12	[22],25,26	10
	7,[10],12		6,9	8	16,18	
TTZN29	Identifiler® Plus					
		18,24		15,17		9,12
4sp		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	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 4sp - STR Results

TVCCQE	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
TW4B4D	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,33.2,34.2	6,9	8	16,18	
U69Q3W	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
U9D8LL	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
U9MN7D	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
UBJYQ	PowerPlex® 21					
	14,16	18,24		15,17		9,12
4sp		8,12	13,15			17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	10,10
	7,12		6,9	8,8	16,18	
UBKPHW	Identifiler® Plus					
		18,24		15,17		9,12
4sp		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2			11,12	25,26	
			6,9	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 4sp - STR Results

UFQBG2	Identifiler® Plus					
		18,24		15,17		9,12
4sp		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8,8	16,18	
UGNQJQ	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
UHVXXC	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
UK4FR2	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17	NT	9,12
4sp	NT	8,12	13,15	NT	15,17	17,19
	11,13	9,13	NT	13,15	14,15.2	NT
	29,32.2	16,16	X,Y	11,12	25,26	NT
	NT	19,34.2	6,9	8,8	16,18	
UKLAKP	PowerPlex® 21					
	14,15,16	16,18,24		15,17		9,12,13
4sp		8,12	13,15			17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	10,10
	7,12,15		6,9	8,8	16,18	
UMD9YM	Identifiler® Plus, PowerPlex® Fusion6C					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
UP3FJK	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,INC,34.2	6,9	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 4sp - STR Results

UQ6MBB	PowerPlex® F6C					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
UTR7C9	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
UTY63C	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
UXC3AY	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
UZYN3M	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
V66NQX	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	10,10
	7,12	19,34.2	6,9	8,8	16,18	
V9QJGW	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	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 4sp - STR Results

VA2D86	GlobalFiler™						
	14,16	18,24	10,14	15,17	NT	9,12	
	4sp	NT	8,12	13,15	NT	15,17	17,19
	11,13	9,13	NT	13,15	14,15.2	NT	
	29,32.2	16,16	X,Y	11,12	25,26	NT	
	NT	19,34.2	6,9	8,8	16,18		
VAYPN7	GlobalFiler™						
	14,16	18,24	10,14	15,17		9,12	
	4sp	NT	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2		
	29,32.2	16,16	X,Y	11,12	25,26		
		19,34.2	6,9	8	16,18		
VC6AC7	GlobalFiler™						
	14,16	18,24	10,14	15,17		9,12	
	4sp	NT	8,12	13,15		15,17	17,19,[20]
	11,13	9,13		13,15	14,15.2		
	29,32.2	16,16	X,Y	11,12	25,26		
		19,34.2	6,9	8,8	16,18,[19]		
VD36Q4	GlobalFiler™						
	14,[16]	18,24	10,14	15,17		9,12	
	4sp	NT	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2		
	29,32.2	16	X,Y	11,12	25,26		
		19,34.2	6,9	8	16,18		
VG66QZ	GlobalFiler™						
	14,16	18,24	10,14	15,17		9,12	
	4sp	NT	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2		
	29,32.2	16,16	X,Y	11,12	25,26		
		19,34.2	6,9	8,8	16,18		
VRZJLQ	Identifiler® Plus						
		18,24		15,17		9,12	
	4sp	NT	8,12	13,15			
	11,13	9,13		13,15	14,15.2		
	29,32.2		X,Y	11,12	25,26		
			6,9	8,8	16,18		
VU9HUE	Identifiler®						
		18,24		15,17		9,12	
	4sp	NT	8,12	13,15			
	11,13	9,13		13,15	14,15.2		
	29,32.2		X,Y	11,12	25,26		
			6,9	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 4sp - STR Results

W67TQR	Identifiler® Plus	18,24		15,17		9,12
4sp		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	8	16,18	
W6ZLFJ	PowerPlex® Fusion 6C	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
WDF8PM	PowerPlex® Fusion 5C, 6C, GlobalFiler™	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	*19,34.2	6,9	8	16,18	
WEQEJ4	PowerPlex® Fusion	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12		6,9	8	16,18	
WM8LQ9	PowerPlex® Fusion 6C	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
WRCMPG	Identifiler® Plus, GlobalFiler™	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
WU69NZ	Identifiler® Plus	18,24		15,17		9,12
4sp		8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
			6,9	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 4sp - STR Results

WU6DW	PowerPlex® Fusion 6C					
		14,16	18,24	10,14	15,17	9,12
	4sp	8,12		13,15	15,17	17,19
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
		7,12	19,34.2	6,9	8	16,18
X3TQAL	PowerPlex® Fusion 6C					
		14,16	18,24	10,14	15,17	9,12
	4sp	8,12		13,15	15,17	17,19
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
		7,12	19,[33.2],34.2	6,9	8	16,18
XH4A48	PowerPlex® Fusion 6C					
		14,16	18,24	10,14	15,17	9,12
	4sp	8,12		13,15	15,17	17,19
		11,13	9,13		13,15	14,15.2
		29,32.2	16	X,Y	11,12	25,26
		7,12	19,34.2	6,9	8	16,18
XLP8KB	GlobalFiler™					
		14,16	18,24	10,14	15,[16],17	9,12
	4sp	8,12		13,15	15,17	17,19
		11,13,[14]	9,13		13,15	14,15.2
		29,[30.2],[31.2],32.2	16	X,Y	11,12	25,26
			19,34.2	6,9	8	16,18
XMH8DE	Identifiler® Plus, GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	4sp	8,12		13,15	15,17	17,19
		11,13	9,13		13,15	14,15.2
		29,32.2	16,16	X,Y	11,12	25,26
			19,34.2	6,9	8,8	16,18
XNBTDX	Identifiler® Plus					
			18,24		15,17	9,12
	4sp	8,12		13,15		
		11,13	9,13		13,15	14,15.2
		29,32.2		X,Y	11,12	25,26
				6,9	8,8	16,18
XR9GMD	GlobalFiler™					
		14,16	18,24	10,14	15,17	9,12
	4sp	8,12		13,15	15,17	17,19
		11,13	9,13		13,15	14,15.2
		29,32.2	16,16	X,Y	11,12	25,26
			19,34.2	6,9	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 4sp - STR Results

XU24MV	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8,8	16,18		
XUWVCM	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8,8	16,18		
XUZDER	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
XW8NBW	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8,8	16,18		
XXFX6E	Investigator® 24plex QS					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
	19,34.2	6,9	8	16,18		
XXK6NA	Identifiler® Plus, PowerPlex® Fusion					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15.6	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	6,9	8	16,18		
XXV773	PowerPlex® Fusion					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	22,25,26	10
	7,10,12,15	6,9	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 4sp - STR Results

Y3BRZU	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp	8,12					
	11,13	9,13		13,15	14,15.2	
	29,32.2					
		16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
Y6KR62	PowerPlex® 21					
	14,16	18,24		15,17		9,12
4sp	13,15					
	11,13	9,13		13,15	14,15.2	
	29,32.2					
			X,Y	11,12	25,26	10,10
	7,12		6,9	8,8	16,18	
Y76ZU3	PowerPlex® Fusion 5C					
	14,16	18,24	10,14	15,17		9,12
4sp	8,12					
	11,13	9,13		13,15	14,15.2	
	29,32.2					
		16	X,Y	11,12	25,26	10
	7,12		6,9	8	16,18	
YB4A7Q	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
4sp	8,12					
	11,13	9,13		13,15	14,15.2	
	29,32.2					
		16,16	X,Y	11,12	25,26	10,10
	7,12	19,34.2	6,9	8,8	16,18	
YCE8LT	Identifiler® Plus					
		18,24		15,17		9,12
4sp	8,12					
	11,13	9,13	13,15	13,15	14,15.2	
	29,32.2					
			X,Y	11,12	25,26	
			6,9	8	16,18	
YKMLKN	Identifiler® Plus					
		18,24		15,17		9,12
4sp	8,12					
	11,13	9,13	13,15	13,15	14,15.2	
	29,32.2					
			X,Y	11,12	25,26	
			6,9	8	16,18	
YN8NDE	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
4sp	8,12					
	11,13	9,13		13,15	14,15.2	
	29,32.2					
		16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	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 4sp - STR Results

YP2CVB	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8,8	16,18		
YWJU3Q	PowerPlex® Fusion 6C					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
YYMK8K	Identifiler® Plus					
		18,24		15,17		9,12
	4sp	8,12	13,15			
	11,13	9,13		13,15	14,15.2	
	29,32.2		X,Y	11,12	25,26	
		6,9	8,8	16,18		
YZH72C	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8,8	16,18		
YZN9YW	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
	19,34.2	6,9	8,8	16,18		
Z764D7	PowerPlex® Fusion 5C, 6C					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12	19,34.2	6,9	8	16,18	
Z76AA7	Identifiler® Plus, PowerPlex® Fusion					
	14,16	18,24	10,14	15,17		9,12
	4sp	8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12		6,9	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 4sp - STR Results

Z7Y6N3	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
ZBYALG	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
ZCQC9V	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
ZDMLM8	Identifiler® Plus, PowerPlex® flusion					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12		6,9	8	16,18	
ZGHJQ6	Identifiler® Plus, GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16,16	X,Y	11,12	25,26	
		19,34.2	6,9	8,8	16,18	
ZJQPBK	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
ZRLU2Z						
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	10
	7,12		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 4sp - STR Results

ZTZ8U4	GlobalFiler™					
	14,16	18,24	10,14	15,17		9,12
4sp		8,12	13,15		15,17	17,19
	11,13	9,13		13,15	14,15.2	
	29,32.2	16	X,Y	11,12	25,26	
		19,34.2	6,9	8	16,18	
ZYHMCf	Identifiler®					
	N/A	18,24	N/A	15,17	N/A	9,12
4sp	N/A	8,12	13,15	N/A	N/A	N/A
	11,13	9,13	N/A	13,15	14,15.2	N/A
	29,32.2	N/A	X,Y	11,12	25,26	N/A
	N/A	N/A	6,9	8,8	16,18	

# 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

22LKJ2	GlobalFiler™									
1	NSD									
[Redacted]										
NSD										
273XC3	GlobalFiler™ Express									
1	[Redacted]									
2HGTQ2	PowerPlex® Fusion 5C									
1	NR									
[Redacted]										
2KLF7Q	Yfiler®									
1	[Redacted]									
2PCVQR	GlobalFiler™ Express									
1	NR									
[Redacted]										
NR										
2RGRT8	Yfiler®, GlobalFiler™									
1	no results	no results	no results	no results	no results	no results	no results	no results	no results	no results
[Redacted]										
no results no results no results no results no results no results no results no results no results no results										
[Redacted]										
no results no results										
2X8XVN	PowerPlex® Fusion 6C									
1	NR									
[Redacted]										
NR NR										
32LTD8	PowerPlex® Fusion 6C									
1	[Redacted]									
34RKW8	GlobalFiler™									
1	[Redacted]									
37DDP2	GlobalFiler™									
1	NR									
[Redacted]										
NR										
389PV3	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

3ACKCK	GlobalFiler™									
1	[REDACTED]									
3RTVWX	Yfiler®									
1	NR	NR,NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR					
								NR		NR
3YZBVL	PowerPlex® Fusion 6C									
1	NR									
			NR	NR						
43AU7Z	GlobalFiler™									
1	[REDACTED]									
43QYQJ	PowerPlex® Fusion DYS391 only									
1	NR									
44NBN8	Investigator® 24plex QS									
1	[REDACTED]									
46DN66	GlobalFiler™									
1	no results									
										no results
46Y2QW	GlobalFiler™									
1	[REDACTED]									
4RDPG9	PowerPlex® Fusion 5C									
1	[REDACTED]									
4XK7YA	Investigator® 24plex QS									
1	[REDACTED]									
4YAJE7	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

62UT2D	PowerPlex® Fusion 6C									
1	[REDACTED]									
62ZVZX	NR									
1	[REDACTED]									
6EM4WY	Yfiler®, GlobalFiler™ Express									
1	[REDACTED]									
6ERPFF	GlobalFiler™									
1	[REDACTED]									
6HN9C6	PowerPlex® Fusion 6C									
1	[REDACTED]									
6MU6TJ	PowerPlex® Fusion 6C									
1	NR									
	NR NR									
77M6KF	GlobalFiler™									
1	NR									
	NR									
7HYKGM	PowerPlex® Fusion 6C									
1	[REDACTED]									
88WL9D	PowerPlex® Fusion 6C									
1	NR									
	NR NR									
8BU8UN	GlobalFiler™									
1	NR									
	NR									
8EVDYDM	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

8LUXFW	GlobalFiler™	[REDACTED]										
1		[REDACTED]										
8LVNNZ	Yfiler® Plus	[REDACTED]										
1		[REDACTED]										
94RBQH	PowerPlex® Fusion 6C	[REDACTED]										
1		[REDACTED]										
9EZZLA	PowerPlex® Y	[REDACTED]										
1		[REDACTED]										
9MPQYL	GlobalFiler™ Express	[REDACTED]							NR	[REDACTED]		
1		[REDACTED]							NR	[REDACTED]		
9TAWMF	PowerPlex® Fusion 6C	[REDACTED]										
1		[REDACTED]										
9YVMBW	GlobalFiler™	[REDACTED]										
1		[REDACTED]										
9ZQ8ZG	PowerPlex® Fusion 6C	[REDACTED]										
1		[REDACTED]										
AAG4N4	PowerPlex® Fusion Fusion 6C Direct	[REDACTED]										
1		[REDACTED]										
AFZQXZ	PowerPlex® Fusion 6C	[REDACTED]										
1		[REDACTED]										
AMHYJB	GlobalFiler™	[REDACTED]							NR	[REDACTED]		
1		[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

B6XPXZ	Investigator® 24plex QS										
1	[Redacted]										
B8ZHZZ	GlobalFiler™										
1	No results										
	No results										
B9WQEX	Yfiler® Plus										
1	[Redacted]										
BAQLTT	GlobalFiler™										
1	NR										
	NR										
BG8FPB	GlobalFiler™										
1	[Redacted]										
BHXHCQ	GlobalFiler™										
1	[Redacted]										
BUXZEE	PowerPlex® Fusion F6C (Direct)										
1	NR										
	NR NR										
CJB8J9	PowerPlex® Fusion 6C										
1	NR										
	NR NR										
CMP32R	GlobalFiler™										
1	N/A	N/A	N/A	N/A	N/A	N/A	NSD	N/A	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NSD
CP2XNJ	PowerPlex® Fusion 6C Direct										
1	NR										
	NR NR										
D32WBF	GlobalFiler™										
1	ND										
	ND										



TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 1 - YSTR Results

DQ9DWB											
1	N/A										
DVW7GP	GlobalFiler™										
1	NR										
EPTHL3	Yfiler® Plus, GlobalFiler™										
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	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	No Result
FDYE4U	PowerPlex® Fusion 6C										
1											
FKBU9A	Yfiler®, PowerPlex® Fusion 6C										
1		NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR		NR	NR					
				NR	NR			NR		NR	
FYBFPD	PowerPlex® Fusion 6C										
1											
GE689T	PowerPlex® Y 23										
1											
GPZCGT	GlobalFiler™										
1	no results										
	no results										
GXCQ6G	GlobalFiler™										
1											
H68YYL	Yfiler®										
1		NR	NR,NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR		NR	NR					
								NR		NR	
H6UDEC	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

H9DFEQ	GlobalFiler™										
1	[Redacted]										
HCCPTD	GlobalFiler™ Express										
1	[Redacted]						NR	[Redacted]			NR
HHGLFJ	PowerPlex® Fusion										
1	[Redacted]						NR	[Redacted]			NR
HQVC3B	GlobalFiler™										
1	[Redacted]						NR	[Redacted]			NR
HR3TRU	GlobalFiler™										
1	[Redacted]						NR	[Redacted]			NR
J6BPVW	PowerPlex® Fusion 6C DIRECT										
1	[Redacted]										
JBXN3W	PowerPlex® Fusion 6C										
1	[Redacted]						NR	[Redacted]			NR
JFAMKG	Yfiler®										
1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
	[Redacted]						NR	[Redacted]			NR
JQ7QMQ	PowerPlex® Fusion 6C										
1	[Redacted]										
JUTDFD	GlobalFiler™										
1	[Redacted]										
KBQWNL	GlobalFiler™										
1	[Redacted]						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 1 - YSTR Results

KHR6B2	GlobalFiler™										
1	NR										
NR											
KPBDXC	PowerPlex® Fusion Fusion 6C										
1											
KQ66M4	GlobalFiler™										
1											
L8H9F9	Yfiler®										
1	Not typed	No result	No result	No result	No result	No result	No result	No result	No result	No result	No result
	No result	No result	No result	Not typed	No result	No result	Not typed	Not typed	Not typed	Not typed	Not typed
	Not typed	Not typed	Not typed	Not typed	Not typed	Not typed	Not typed	No result	Not typed	No result	Not typed
LU4QZR	PowerPlex® Fusion Fusion 6C										
1											
LUYJPJ	PowerPlex® Fusion 6C										
1											
M9U322	GlobalFiler™										
1	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-
MAC8JY	GlobalFiler™										
1	NR										
NR											
MBHPFA	GlobalFiler™										
1	ND										
ND											
MLJ4BF	GlobalFiler™										
1	no result										
no result											
N2RDVG	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

NVJAMU	Yfiler® Plus, GlobalFiler™											
1	-	-	-	-	-	-	-	NR	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	NR
PCM7GC	GlobalFiler™											
1	NSD											
	NSD											
PEW7N6	GlobalFiler™ Express											
1	NR											
	NR											
PLYZZL	GlobalFiler™											
1	NR											
	NR											
PM6KLZ	PowerPlex® Fusion 6C											
1												
PZW3P7	GlobalFiler™											
1	no results											
	no results											
QA934C	GlobalFiler™											
1	n/t	n/t	n/t	n/t	n/t	n/t	n/r	n/t	n/t	n/t	n/t	n/t
	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/r
QDG6JH	PowerPlex® Fusion 6C											
1												
QNXXKC	GlobalFiler™											
1												
QX4TP4	GlobalFiler™ Express											
1	NR											
	NR											
R23E9T	PowerPlex® Fusion 6C											
1	NR											
	NR											
	NR											
	NR											

TABLE 3

WebCode	Amplification Kit										
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437	
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 1 - YSTR Results

R9GDL6	GlobalFiler™										
1	[Redacted]										
RHTA2Q	GlobalFiler™										
1	NR										
RQWTMC	GlobalFiler™										
1	[Redacted]										
TNPVA	Yfiler®, GlobalFiler™ Express										
1	[Redacted]										
U8Y4PA	Yfiler®, GlobalFiler™ Express										
1	[Redacted]										
UK4FR2	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	NR
UTR7C9	GlobalFiler™										
1	NR										
UXC3AY	GlobalFiler™										
1	No Results										
	No Results										
VA2D86	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
VC6AC7	GlobalFiler™										
1	[Redacted]										
VD36Q4	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

W6ZLFJ	PowerPlex® Fusion 6C										
1							NR				
	NR			NR							
WEQEJ4	PowerPlex® Fusion										
1							NR				
WRCMPG	GlobalFiler™										
1							no results				
	no results										
X3TQAL	PowerPlex® Fusion 6C										
1							NR				
	NR			NR							
XFGLUR	PowerPlex® Fusion 6C										
1							NR				
	NR			NR							
XMH8DE	GlobalFiler™										
1							No results				
	No results										
XU24MV	GlobalFiler™										
1							NR				
	NR										
XW8NBW	GlobalFiler™										
1							NR				
	NR										
XXFX6E	Investigator® 24plex QS										
1											
Y3BRZU	GlobalFiler™ Express										
1							NR				
	NR										
Y76ZU3	PowerPlex® Fusion 5C										
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

YB4A7Q	PowerPlex® Fusion 6C											
1												
YWJU3Q	PowerPlex® Fusion											
1												
ZBYALG	PowerPlex® Fusion 6C						NR					
1		NR		NR								
ZCQC9V	GlobalFiler™						N/R					
1							N/R					
ZGHJQ6	GlobalFiler™						NR					
1							NR					
ZJQPBK	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 2 - YSTR Results

22LKJ2	GlobalFiler™									
2	10									
	2									
23KHZP	Yfiler®									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
273XC3	GlobalFiler™ Express									
2	10									
	2									
2A38HX	Yfiler®									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
2HGTQ2	PowerPlex® Fusion 5C									
2	10									
	2									
2J6BL8	Yfiler®									
2	-	15	14,15	13	30	22	10	11	14	16
	10	11	22	-	16	16	-	-	-	-
	-	-	-	-	-	-	-	22	-	12
										-
2KLF7Q	Yfiler®									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
2PCVQR	GlobalFiler™ Express									
2	10									
	2									
2Q8C8V	GlobalFiler™ Express									
2	10									
	2									
2RGR8	Yfiler®, GlobalFiler™									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
2X8XVN	Yfiler®, PowerPlex® Fusion 6C									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
			19	16			22		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

32LTD8	PowerPlex® Fusion 6C									
2	10									
	19 16									
33DXJY	GlobalFiler™									
2	10									
	2									
34RKW8	GlobalFiler™									
2	10									
	2									
37DDP2	GlobalFiler™									
2	10									
	2									
389PV3	GlobalFiler™									
2	10									
	2									
3ACKCK	GlobalFiler™									
2	10									
	2									
3DUMG6	PowerPlex® Y 23									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	11	12	
3RE3K4	PowerPlex® Y 23									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	11	12	
3RTVWX	Yfiler®									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
3WQ3NM	Yfiler®									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
3YZBVL	Yfiler®, PowerPlex® Fusion 6C									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
			19	16			22		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

43AU7Z	GlobalFiler™									
2							10			
2										
43QYQJ	PowerPlex® Y 23, PowerPlex® Fusion DYS391 only									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16	22				
	9	12	19	16	22	11	12			
44874N	PowerPlex® Y 23									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16	22				
	9	12	19	16	22	11	12			
44LKKB	PowerPlex® Fusion 6C									
2							10			
2										
				19	16					
44NBN8	Investigator® 24plex QS									
2							10			
2										
46DN66	GlobalFiler™									
2							10			
2										
46Y2QW	GlobalFiler™									
2							10			
2										
4JJGX3	PowerPlex® Y Y23, PowerPlex® Fusion 6C									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16	22				
	9	12	19	16	22	11	12			
4Q4TXP	Yfiler®									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22	12	2	
4QMERZ	Yfiler®									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22	12	2	
4RDPG9	Yfiler®									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22	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

4WCW7C	PowerPlex® Fusion Fusion 6C Direct									
2	[Redacted]									
				19	16					
4XK7YA	Investigator® 24plex QS									
2	[Redacted]									
4YAJE7	GlobalFiler™									
2	[Redacted]									
										2
62UT2D	Yfiler®, PowerPlex® Fusion 6C									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16				
				19	16		22		12	
62ZVZX										
2	[Redacted]									
6DV8AQ	PowerPlex® Fusion 6C									
2	[Redacted]									
				19	16					
6EM4WY	Yfiler®, GlobalFiler™ Express									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16				
							22		12	
6ERPFF	Yfiler® Plus, GlobalFiler™									
2	38	15	14,15	13	30	22	10	11	14	16
	10	11	22	30	16	16	10	22		37
		9		19	16		19	22		12
										2
6HMGFH	PowerPlex® Y 23									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16		22		
		9	12	19	16		22	11	12	
6HN9C6	PowerPlex® Fusion 6C									
2	[Redacted]									
				19	16					
6KQAAG	GlobalFiler™									
2	[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 2 - YSTR Results

6MU6TJ	Yfiler®, PowerPlex® Fusion 6C									
2		15	14,15	13	30	22	10	11	14	16
	10	11	22		16	16				
				19	16			22		12
6NELDT										
2							10			
										2
6WNBQQ	Yfiler®									
2		15	14,15	13	30	22	10	11	14	16
	10	11	22		16	16				
								22		12
										2
74X2R9	PowerPlex® Fusion 6C Direct									
2							10			
				19	16					
77M6KF	Yfiler®, GlobalFiler™									
2		15	14,15	13	30	22	10	11	14	16
	10	11	22		16	16				
								22		12
										2
7HYKGM	PowerPlex® Fusion 6C									
2							10			
				19	16					
7QUKVF										
2							10			
										2
7XTABX	PowerPlex® Y 23, PowerPlex® Fusion 6C									
2		15	14,15	13	30	22	10	11	14	16
	10	11	22		16	16		22		
		9	12	19	16			22	11	12
7YK8NW	Yfiler®, GlobalFiler™									
2		15	14,15	13	30	22	10	11	14	16
	10	11	22		16	16				
								22		12
										2
88WL9D	PowerPlex® Fusion 6C									
2							10			
				19	16					
8BEUHY	Yfiler®									
2		15	14,15	13	30	22	10	11	14	16
	10	11	22		16	16				
								22		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

8BU8UN	Yfiler®, GlobalFiler™									
2		15	14,15	13	30	22	10	11	14	16
	10	11	22		16	16				
								22		12 2
8C9FCP										
2							10			
										2
8EVYDM	GlobalFiler™ Express									
2							10			
										2
8LUXFW	GlobalFiler™									
2							10			
										2
8LVNNZ	Yfiler® Plus									
2	38,38	15	14,15	13	30	22	10	11	14	16
	10	11	22	30	16	16	10	22		37
		9		19	16		19	22		12
8YNXJL	Yfiler®									
2		15	14,15	13	30	22	10	11	14	16
	10	11	22		16	16				
								22		12 2
94RBQH	PowerPlex® Fusion 6C									
2							10			
				19	16					
9AVEH3	GlobalFiler™									
2							10			
										2
9DVRYZ	Yfiler® Plus, GlobalFiler™									
2	38	15	14,15	13	30	22	10	11	14	16
	10	11	22	30	16	16	10	22		37
		9		19	16		19	22		12 2
9EZZLA	PowerPlex® Y									
2		15	14,15	13	30	22	10	11	14	16
	10	11								
9M6XDC	PowerPlex® Y 23									
2		15	14,15	13	30	22	10	11	14	16
	10	11	22		16	16		22		
		9	12	19	16			22	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 2 - YSTR Results

9MMWJM	PowerPlex® Fusion 6C									
2	10									
	19 16									
9MPQYL	GlobalFiler™ Express									
2	10									
	2									
9TAWMF	PowerPlex® Fusion 6C									
2	10									
	19 16									
9TUH8J	Yfiler®									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
	22 12 2									
9VG6Z8										
2	10									
	2									
9YVMBW	GlobalFiler™									
2	10									
	2									
9ZQ8ZG	PowerPlex® Fusion 6C									
2	10									
	19 16									
A7VE4Q	Yfiler®, Investigator® 24plex GO!									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
	22 12									
AAG4N4	PowerPlex® Fusion Fusion 6C									
2	10									
	19 16									
AEM72J	PowerPlex® Y Y23									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	11	12	
AENR26	PowerPlex® Fusion 6C									
2	10									
	19 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 2 - YSTR Results

AFZQXZ	PowerPlex® Fusion 6C										
2						10					
			19	16							
AKXYHA	PowerPlex® Y 23, PowerPlex® Fusion 6C										
2	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16	22					
	9	12	19	16				22	11	12	
AMHYJB	Yfiler®, GlobalFiler™										
2	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16						
							22	12	2		
ARVQMW	PowerPlex® Y Y23, PowerPlex® Fusion Fusion 6C										
2	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16	22					
	9	12	19	16				22	11	12	
AT9AUA	PowerPlex® Y 23										
2	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16	22					
	9	12	19	16				22	11	12	
AVEUGA	PowerPlex® Y Y23										
2	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16	22					
	9	12	19	16				22	11	12	
AXGGBD	Yfiler®										
2	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16						
							22	12			
B2HX88	Yfiler®										
2	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16						
							22	12			
B4FLF3	Yfiler®										
2	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16						
							22	12			
B6XPXZ	Investigator® 24plex QS										
2						10					
B8ZHXL	GlobalFiler™										
2						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 2 - YSTR Results

B9WQEX	Yfiler® Plus										
2	38,38	15	14,15	13	30	22	10	11	14	16	
	10	11	22	30	16	16	10	22		37	
		9		19	16		19	22		12	
BAQLTT	GlobalFiler™										
2							10				
											2
BD4J4M	Yfiler®										
2		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16					
								22		12	
BG8FPB	GlobalFiler™										
2							10				
											2
BHXHCQ	GlobalFiler™										
2							10				
											2
BUXZEE	Yfiler®, PowerPlex® Fusion F6C (Direct)										
2		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16					
				19	16			22		12	
BWY34F	Yfiler® Plus										
2	38	15	14,15	13	30	22	10	11	14	16	
	10	11	22	30	16	16	10	22		37	
		9		19	16		19	22		12	2
BXUVT8	Yfiler®, GlobalFiler™, PowerPlex® Fusion 6C & 5C										
2		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16					
				19	16			22		12	2
C97FRU	PowerPlex® Y 23, PowerPlex® Fusion 6C										
2		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16		22			
		9	12	19	16			22	11	12	
CJB8J9	PowerPlex® Fusion 6C										
2							10				
				19	16						
CMP32R	GlobalFiler™										
2	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	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

CNPW7R	Yfiler®									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16				
								22	12	2
CP2XNJ	PowerPlex® Fusion 6C Direct									
2	10									
	19 16									
CV7G6W	Yfiler®									
2	-	15	14,15	13	30	22	10	11	14	16
	10	11	22	-	16	16	-	-	-	-
	-	-	-	-	-	-	-	22	-	12
D32WBF	GlobalFiler™									
2	10									
	2									
DDYU22	PowerPlex® Fusion Fusion6C									
2	10									
	19 16									
DEEZE7	GlobalFiler™, PowerPlex® Fusion 5C, 6C									
2	10									
	19 16 2									
DNJ7CE	Yfiler®									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16				
								22	12	
DQ9DWB	GlobalFiler™									
2	10									
	2									
DU63UA	Yfiler®									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16				
								22	12	
DVW7GP	GlobalFiler™									
2	10									
	2									
DYZWQP	GlobalFiler™									
2	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 2 - YSTR Results

E2KWUC	Yfiler®										
2	15	14,15	13	30	22	10	11	14	16		
	10	11	22		16	16					
								22		12	
E7D7VX	GlobalFiler™										
2						10					
											2
EB83H4	Yfiler®										
2	38	15	14,15	13	30	22	10	11	14	16	
	10	11	22	30	16	16	10	22		37	
		9		19	16		19	22		12	
EBTQN6	Yfiler®										
2	15	14,15	13	30	22	10	11	14	16		
	10	11	22		16	16					
								22		12	
EFMNFG	PowerPlex® Fusion 6C										
2						10					
				19	16						
EHA34Q	PowerPlex® Fusion 5C										
2						10					
EM63XT	PowerPlex® Y 23										
2	15	14,15	13	30	22	10	11	14	16		
	10	11	22		16	16		22			
		9	12	19	16			22	11	12	
EPTHL3	Yfiler® Plus, GlobalFiler™										
2	38	15	14,15	13	30	22	10	11	14	16	
	10	11	22	30	16	16	10	22	Not Tested	37	
	Not Tested	9	Not Tested	19	16	Not Tested	19	22	Not Tested	12	2
EV4LN6	Yfiler® Plus										
2	38	15	14,15	13	30	22	10	11	14	16	
	10	11	22	30	16	16	10	22		37	
		9		19	16		19	22		12	2
EVDH2F	PowerPlex® Y Y23										
2	15	14,15	13	30	22	10	11	14	16		
	10	11	22		16	16		22			
		9	12	19	16			22	11	12	
EZ8ACX	Yfiler®, GlobalFiler™										
2	15	14,15	13	30	22	10	11	14	16		
	10	11	22		16	16					
								22		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

F7AVLC	Yfiler®									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16				
								22		12
F9JZY2	Yfiler®, PowerPlex® Fusion 6C									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16				
			19	16				22		12
FBA8JX	PowerPlex® Fusion 6C									
2						10				
				19	16					
FDYE4U	PowerPlex® Fusion 6C									
2						10				
				19	16					
FE7XGW	Yfiler®, GlobalFiler™									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16				
								22		12
										2
FJKBNB	Yfiler®									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16				
								22		12
FKBU9A	Yfiler®, PowerPlex® Fusion 6C									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16				
			19	16				22		12
FXFVZT	PowerPlex® Y 23									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16		22		
		9	12	19	16			22	11	12
FYBFPD	PowerPlex® Fusion 6C									
2						10				
				19	16					
G2WKXB	PowerPlex® Y Y23									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16		22		
		9	12	19	16			22	11	12
GA72F9	Yfiler® Plus									
2	38	15	14,15	13	30	22	10	11	14	16
	10	11	22	30	16	16	10	22		37
		9		19	16		19	22		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

GE689T	PowerPlex® Y 23									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	11	12	
GLLRFY										
2	10									
	19 16									
GMC6RQ	Yfiler®, GlobalFiler™									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
GMEM39	Yfiler®									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
GPZCGT	GlobalFiler™									
2	10									
	2									
GUEZ3B										
2	10									
	2									
GV9TXU	Yfiler®									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
GXCQ6G	GlobalFiler™									
2	10									
	2									
GYQYAB	Yfiler®, PowerPlex® Fusion 6C									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
			19	16			22		12	
H68YYL	Yfiler®									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
H6AMHL	Yfiler®, GlobalFiler™									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		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

H6UDEC	GlobalFiler™ Express									
2	10									
	2									
H9DFFQ	GlobalFiler™									
2	10									
	2									
HCCPTD	GlobalFiler™ Express									
2	10									
	2									
HHGLFJ	PowerPlex® Fusion									
2	10									
HL2BZW	PowerPlex® Fusion Fusion 6C Direct									
2	10									
	19 16									
HN8XD2	PowerPlex® Y 23									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16	22				
	9	12	19	16			22	11	12	
HQBQ8Z	Yfiler®									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
			19	16			22		12	
HQVC3B	GlobalFiler™									
2	10									
	2									
HR3TRU	Yfiler®, GlobalFiler™									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
HX9HD9	Yfiler® Plus									
2	38	15	14,15	13	30	22	10	11	14	16
	10	11	22	30	16	16	10	22		37
	9		19	16			19	22	12	2
HYR8ZA	Yfiler® Plus									
2	38	15	14,15	13	30	22	10	11	14	16
	10	11	22	30	16	16	10	22		37
	9		19	16			19	22	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

J6BPVW	PowerPlex® Fusion 6C DIRECT										
2											10
19 16											
JAKAG9	Yfiler®										
2	15	14,15	13	30	22	10	11	14	16		
10 11 22 16 16 22 12											
JBXN3W	PowerPlex® Y 23, PowerPlex® Fusion 6C										
2	15	14,15	13	30	22	10	11	14	16		
10 11 22 16 16 22 11 12											
JFAMKG	Yfiler®										
2	15	14,15	13	30	22	10	11	14	16		
10 11 22 16 16 22 12											
JQ7QMQ	PowerPlex® Fusion 6C										
2											10
19 16											
JTC78B	PowerPlex® Y 23										
2	15	14,15	13	30	22	10	11	14	16		
10 11 22 16 16 22 11 12											
JUTDFD	GlobalFiler™										
2											10
2											
K47YT7	PowerPlex® Y Y23										
2	15	14,15	13	30	22	10	11	14	16		
10 11 22 16 16 22 11 12											
KBQWNL	GlobalFiler™										
2											10
2											
KCMGBK	PowerPlex® Y 23, PowerPlex® Fusion 6C										
2	15	14,15	13	30	22	10	11	14	16		
10 11 22 16 16 22 11 12											
KHR6B2	Yfiler®, GlobalFiler™										
2	15	14,15	13	30	22	10	11	14	16		
10 11 22 16 16 22 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

KJMP6R	Investigator® 24plex QS												
2											10		
KLB9YX	PowerPlex® Y 23, GlobalFiler™, PowerPlex® Fusion 6C												
2	15	14,15	13	30	22	10	11	14	16				
	10	11	22	16	16	22							
	9	12	19	16	22	11	12						
KPBDXC	PowerPlex® Fusion Fusion 6C												
2											10		
											19	16	
KQ66M4	Yfiler® PLUS, GlobalFiler™												
2	38	15	14,15	13	30	22	10	11	14	16			
	10	11	22	30	16	16	10	22	37				
	9		19	16	19	22	12	2					
L8H9F9	Yfiler®												
2	Not typed	15	14,15	13	30	22	10	11	14	16			
	10	11	22	Not typed	16	16	Not typed	Not typed	Not typed	Not typed			
	Not typed	Not typed	Not typed	Not typed	Not typed	Not typed	Not typed	22	Not typed	12	Not typed		
L9GB9J	PowerPlex® Y 23, PowerPlex® Fusion 6C												
2	15	14,15	13	30	22	10	11	14	16				
	10	11	22	16	16	22							
	9	12	19	16	22	11	12						
LB42LA	Yfiler®												
2	15	14,15	13	30	22	10	11	14	16				
	10	11	22	16	16								
											22	12	2
LGV94H	Yfiler®												
2	15	14,15	13	30	22	10	11	14	16				
	10	11	22	16	16								
											22	12	2
LH66PM	Yfiler®												
2	15	14,15	13	30	22	10	11	14	16				
	10	11	22	16	16								
											22	12	
LJZQCL	Yfiler®, GlobalFiler™												
2	15	14,15	13	30	22	10	11	14	16				
	10	11	22	16	16								
											22	12	2
LK9XGZ	Yfiler®												
2	-	15	14,15	13	30	22	10	11	14	16			
	10	11	22	-	16	16	-	-	-	-			
	-	-	-	-	-	-	-	22	-	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

LP7DC3	Yfiler®										
2		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16					
								22		12	
LU4QZR	PowerPlex® Fusion 6C Direct										
2							10				
				19	16						
LUYJPJ	PowerPlex® Y 23, PowerPlex® Fusion 6C										
2		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16		22			
		9	12	19	16			22	11	12	
LVYCTJ	Yfiler®, GlobalFiler™										
2		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16					
								22		12	2
LXHLHB											
2							10				
											2
M6C4LK	Yfiler®										
2	-	15	14,15	13	30	22	10	11	14	16	
	10	11	22	-	16	16	-	-	-	-	
	-	-	-	-	-	-	-	22	-	12	-
M9U322	GlobalFiler™										
2	-	-	-	-	-	-	10	-	-	-	
	-	-	-	-	-	-	-	-	-	-	
	-	-	-	-	-	-	-	-	-	-	2
MAC8JY	Yfiler®, GlobalFiler™										
2		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16					
								22		12	2
MBHPFA	GlobalFiler™										
2							10				
											2
MK7PPR	Yfiler®										
2	N/A	15	14,15	13	30	22	10	11	14	16	
	10	11	22	N/A	16	16	N/A	N/A	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	22	N/A	12	N/A
MLJ4BF	GlobalFiler™										
2							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 2 - YSTR Results

MMGDN7	PowerPlex® Y 23										
2		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16		22			
		9	12	19	16			22	11	12	
MVRM4C	Yfiler® Plus										
2	38	15	14,15	13	30	22	10	11	14	16	
	10	11	22	30	16	16	10	22		37	
		9		19	16		19	22		12	2
N2RDVG	GlobalFiler™										
2							10				
											2
N6AT3M	Yfiler®										
2		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16					
								22		12	
NHGJ6V	PowerPlex® Fusion 5C, 6C										
2							10				
				19	16						
NJT7RF	Yfiler®										
2		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16					
								22		12	2
NKKGE3	PowerPlex® Fusion Fusion 6C										
2							10				
				19	16						
NTFE4Q	Yfiler®										
2	N/A	15	14,15	13	30	22	10	11	14	16	
	10	11	22	N/A	16	16	N/A	N/A	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	22	N/A	12	N/A
NVJAMU	Yfiler® Plus, GlobalFiler™										
2	38	15	14,15	13	30	22	10	11	14	16	
	10	11	22	30	16	16	10	22	-	37	
	-	9	-	19	16	-	19	22	-	12	2
NYZEGH	PowerPlex® Y Y23										
2		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16		22			
		9	12	19	16			22	11	12	
P68F7J											
2							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 2 - YSTR Results

PCM7GC	GlobalFiler™									
2	10									
	2									
PEW7N6	GlobalFiler™ Express									
2	10									
	2									
PFKPJB	PowerPlex® Y 23									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16	22				
	9	12	19	16		22	11	12		
PFN634	Yfiler®									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
PLEAYD	Yfiler®									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
PLYZZL	GlobalFiler™									
2	10									
	2									
PM6KLZ	PowerPlex® Fusion 6C									
2	10									
			19	16						
PRMXDF	Yfiler®									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
PU9K63	Yfiler®									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
PVJJ3W	PowerPlex® Y 23									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	11	12	
PWU9JN	Yfiler®									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		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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PZW3P7	PowerPlex® Y 23, GlobalFiler™										
2		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16		22			
		9	12	19	16			22	11	12	2
Q4NZZG	Yfiler®, GlobalFiler™										
2		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16					
								22		12	2
QA2JNP	Yfiler®										
2	N/A	15	14,15	13	30	22	10	11	14	16	
	10	11	22	N/A	16	16	N/A	N/A	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	22	N/A	12	N/A
QA934C	Yfiler®, GlobalFiler™										
2	n/t	15	14,15	13	30	22	10	11	14	16	
	10	11	22	n/t	16	16	n/t	n/t	n/t	n/t	
	n/t	n/t	n/t	n/t	n/t	n/t	n/t	22	n/t	12	2
QDG6JH	PowerPlex® Fusion 6C										
2							10				
				19	16						
QNXXKC	Yfiler®, GlobalFiler™										
2		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16					
								22		12	2
QRFZMC	GlobalFiler™										
2							10				
											2
QTRVBN	PowerPlex® Y 23										
2		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16		22			
		9	12	19	16			22	11	12	
QX4TP4	GlobalFiler™ Express										
2							10				
											2
QYEKTD	PowerPlex® Y 23										
2		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16		22			
		9	12	19	16			22	11	12	
R23E9T	PowerPlex® Fusion 6C										
2							10				
				19	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

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R9GDL6	GlobalFiler™									
2										10
2										
RFJ8XK	Yfiler®, GlobalFiler™									
2	15	14,15	13	30	22	10	11	14	16	
2										
RHTA2Q	GlobalFiler™									
2										10
2										
RLNAJD	PowerPlex® Y 23, PowerPlex® Fusion 6C									
2	15	14,15	13	30	22	10	11	14	16	
2										
RP9BR7	GlobalFiler™									
2										10
2										
RQWTMC	GlobalFiler™									
2										10
2										
TCD7BT	Yfiler® Plus									
2	38	15	14,15	13	30	22	10	11	14	16
2										
TLK8AY	PowerPlex® Y 23									
2	15	14,15	13	30	22	10	11	14	16	
2										
TNPVA	Yfiler®, GlobalFiler™ Express									
2	15	14,15	13	30	22	10	11	14	16	
2										
TRQU9U	PowerPlex® Y 23									
2	15	14,15	13	30	22	10	11	14	16	
2										
TVCCQE	PowerPlex® Fusion 6C									
2										10
2										
				19	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

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TW4B4D	Yfiler®									
2		15	14,15	13	30	22	10	11	14	16
	10	11	22		16	16				
								22		12
U69Q3W	Yfiler®, GlobalFiler™									
2		15	14,15	13	30	22	10	11	14	16
	10	11	22		16	16				
								22		12
										2
U8Y4PA	Yfiler®, GlobalFiler™ Express									
2		15	14,15	13	30	22	10	11	14	16
	10	11	22		16	16				
								22		12
U9D8LL	GlobalFiler™									
2							10			
										2
U9MN7D	Yfiler®, GlobalFiler™									
2		15	14,15	13	30	22	10	11	14	16
	10	11	22		16	16				
								22		12
										2
UBJYQ	Yfiler® Plus									
2	38,38	15	14,15	13	30	22	10	11	14	16
	10	11	22	30	16	16	10	22		37
		9		19	16		19	22		12
UBKPHW	Yfiler®									
2		15	14,15	13	30	22	10	11	14	16
	10	11	22		16	16				
								22		12
UGNQJQ	GlobalFiler™									
2							10			
										2
UHVXC	PowerPlex® Y 23, PowerPlex® Fusion 6C									
2		15	14,15	13	30	22	10	11	14	16
	10	11	22		16	16		22		
		9	12	19	16			22	11	12
UK4FR2	GlobalFiler™									
2	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
UKLAKP	Yfiler®									
2		15	14,15	13	30	22	10	11	14	16
	10	11	22		16	16				
								22		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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UMD9YM																			
2											10								
											19	16							
UP3FJK	PowerPlex® Fusion Fusion 6C Direct																		
2											10								
											19	16							
UQ6MBB	PowerPlex® Y 23																		
2	15	14,15	13	30	22	10	11	14	16										
											10	11	22	16	16	22			
											9	12	19	16	22	11	12		
UTR7C9	GlobalFiler™																		
2											10								
													2						
UTY63C	Yfiler®																		
2	15	14,15	13	30	22	10	11	14	16										
											10	11	22	16	16				
													22	12					
UXC3AY	PowerPlex® Y 23, GlobalFiler™																		
2	15	14,15	13	30	22	10	11	14	16										
											10	11	22	16	16	22			
											9	12	19	16	22	11	12	2	
UZ3N3M	PowerPlex® Fusion 6C																		
2											10								
											19	16							
V66NQX	Yfiler®, PowerPlex® Fusion 6C																		
2	15	14,15	13	30	22	10	11	14	16										
											10	11	22	16	16				
											19	16	22	12					
V9QJGW																			
2											10								
													2						
VA2D86	GlobalFiler™ Express																		
2	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	2
VAYPN7	GlobalFiler™																		
2											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

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VC6AC7	GlobalFiler™									
2	[Redacted]									
							10			2
VD36Q4	GlobalFiler™									
2	[Redacted]									
							10			2
VG66QZ	GlobalFiler™									
2	[Redacted]									
							10			2
VRZJLQ	PowerPlex® Y 23									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	11	12	
VU9HUE	Yfiler®, GlobalFiler™									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
W67TQR	Yfiler®									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
W6ZLFJ	PowerPlex® Y 23, PowerPlex® Fusion 6C									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	11	12	
WDF8PM	GlobalFiler™, PowerPlex® Fusion 6C									
2	[Redacted]									
			19	16						2
WEQEJ4	PowerPlex® Y Y23									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	11	12	
WM8LQ9	PowerPlex® Y Y23, PowerPlex® Fusion 6C									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	11	12	
WRCMPG	GlobalFiler™									
2	[Redacted]									
							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

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WU6DVV	PowerPlex® Y 23									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	11	12	
X3TQAL										
2	10									
	19 16									
XFGLUR	PowerPlex® Fusion 6C									
2	10									
	19 16									
XH4A48	PowerPlex® Y Y23									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	11	12	
XLP8KB										
2	10									
	2									
XMH8DE	GlobalFiler™									
2	10									
	2									
XR9GMD	GlobalFiler™									
2	10									
	2									
XU24MV	GlobalFiler™									
2	10									
	2									
XUWVCM										
2	10									
	2									
XUZDER	Yfiler®									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
XW8NBW	GlobalFiler™									
2	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

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XXFX6E	Investigator® 24plex QS									
2	10									
XXK6NA	PowerPlex® Y 23									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16	22				
	9	12	19	16		22	11	12		
XXV773	PowerPlex® Y Y23									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16	22				
	9	12	19	16		22	11	12		
Y3BRZU	Yfiler® Plus, GlobalFiler™									
2	38	15	14,15	13	30	22	10	11	14	16
	10	11	22	30	16	16	10	22		37
	9		19	16		19	22		12	2
Y76ZU3	PowerPlex® Y Y23									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16	22				
	9	12	19	16		22	11	12		
YB4A7Q	PowerPlex® Fusion 6C									
2	10									
	19 16									
YCE8LT	Yfiler®									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
YKMLKN	Yfiler®									
2	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
YN8NDE	PowerPlex® Fusion Fusion 6C Direct									
2	10									
	19 16									
YP2CVB	PowerPlex® Fusion									
2	10									
	2									
YWJU3Q	PowerPlex® Fusion									
2	10									
	19 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

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YYMK8K	PowerPlex® Y 23										
2	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16		22				
	9	12	19	16			22	11	12		
YZH72C	GlobalFiler™										
2										10	
											2
YZN9YW											
2										10	
											2
Z764D7	PowerPlex® Y 23										
2	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16		22				
	9	12	19	16			22	11	12		
Z76AA7	PowerPlex® Y 23										
2	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16		22				
	9	12	19	16			22	11	12		
Z7Y6N3	Yfiler®, GlobalFiler™										
2	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16						
								22	12	2	
ZBYALG	PowerPlex® Y 23, PowerPlex® Fusion 6C										
2	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16		22				
	9	12	19	16			22	11	12		
ZCQC9V	GlobalFiler™										
2										10	
											2
ZDMLM8	PowerPlex® Y 23										
2	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16		22				
	9	12	19	16			22	11	12		
ZGHJQ6	GlobalFiler™										
2										10	
											2
ZJQPBK	GlobalFiler™										
2										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

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ZRLU2Z	PowerPlex® Y 23										
2		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16		22			
		9	12	19	16			22	11	12	
ZTZ8U4	Yfiler®										
2		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16					
								22		12	2
ZYHMCF	Yfiler®										
2	N/A	15	14,15	13	30	22	10	11	14	16	
	10	11	22	N/A	16	16	N/A	N/A	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	22	N/A	12	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

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22LKJ2	GlobalFiler™									
3							10			
2										
23KHZP	Yfiler®, GlobalFiler™									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16				
								22	12	2
2A38HX	Yfiler®									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16				
								22	12	
2HGTQ2	PowerPlex® Fusion 5C									
3							10			
2										
2J6BL8	Yfiler®									
3	-	15	14,15	13	30	22	10	11	14	16
	10	11	22	-	16	16	-	-	-	-
	-	-	-	-	-	-	-	22	-	12
-										
2KLF7Q	Yfiler®									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16				
								22	12	2
2PCVQR	GlobalFiler™									
3							10			
2										
2Q8C8V	GlobalFiler™									
3							10			
2										
2RGRT8	Yfiler®, GlobalFiler™									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16				
								22	12	2
2X8XVN	Yfiler®, PowerPlex® Fusion 6C									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16				
				19	16			22	12	
32LTD8	PowerPlex® Fusion 6C									
3							10			
2										
				19	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

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33DXJY	GlobalFiler™									
3	[Redacted]									
						10				2
34RKW8	GlobalFiler™									
3	[Redacted]									
						10				2
37DDP2	GlobalFiler™									
3	[Redacted]									
						10				2
389PV3	GlobalFiler™									
3	[Redacted]									
						10				2
3ACKCK	GlobalFiler™									
3	[Redacted]									
						10				2
3DUMG6	PowerPlex® Y 23									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	11	12	
3RE3K4	PowerPlex® Y 23									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	11	12	
3RTVWX	Yfiler®									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
3WQ3NM	Yfiler®, GlobalFiler™									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
3YZBVL	Yfiler®, PowerPlex® Fusion 6C									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
			19	16			22		12	
43AU7Z	GlobalFiler™									
3	[Redacted]									
						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 3 - YSTR Results

43QYQJ	PowerPlex® Y 23, PowerPlex® Fusion DYS391 only									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16	22				
	9	12	19	16		22	11	12		
44874N	PowerPlex® Y 23									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16	22				
	9	12	19	16		22	11	12		
44LKKB	PowerPlex® Fusion 6C									
3						10				
			19	16						
44NBN8	Investigator® 24plex QS									
3						10				
46DN66	GlobalFiler™									
3						10				
										2
46Y2QW	GlobalFiler™									
3						10				
										2
4JJGX3	PowerPlex® Y Y23, PowerPlex® Fusion 6C									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16	22				
	9	12	19	16		22	11	12		
4Q4TXP	Yfiler®									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
4QMERZ	Yfiler®									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
4RDPG9	Yfiler®									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
4WCW7C	PowerPlex® Fusion Fusion 6C									
3						10				
			19	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 3 - YSTR Results

4XK7YA	Investigator® 24plex QS									
3	[REDACTED]									
4YAJE7	GlobalFiler™									
3	[REDACTED]									
62UT2D	Yfiler®, PowerPlex® Fusion 6C									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
			19	16			22			12
62ZVZX										
3	[REDACTED]									
6DV8AQ	PowerPlex® Fusion 6C									
3	[REDACTED]									
			19	16						
6ERPF	Yfiler® Plus, GlobalFiler™									
3	38	15	14,15	13	30	22	10	11	14	16
	10	11	22	30	16	16	10	22		37
		9		19	16		19	22		12
										2
6HMGFH	PowerPlex® Y 23									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
		9	12	19	16		22	11	12	
6HN9C6	PowerPlex® Fusion 6C									
3	[REDACTED]									
			19	16						
6KQAAG	GlobalFiler™									
3	[REDACTED]									
										2
6MU6TJ	Yfiler®, PowerPlex® Fusion 6C									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
			19	16			22			12
6NELDT										
3	[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 3 - YSTR Results

6WNBQQ	Yfiler®									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
74X2R9	PowerPlex® Fusion 6C									
3						10				
			19	16						
77M6KF	Yfiler®, GlobalFiler™									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
7HYKGM	PowerPlex® Fusion 6C									
3						10				
			19	16						
7QUKVF	PowerPlex® Fusion 6C									
3						10				
										2
7XTABX	PowerPlex® Y 23, PowerPlex® Fusion 6C									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
		9	12	19	16		22	11	12	
7YK8NW	Yfiler®, GlobalFiler™									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
88WL9D	PowerPlex® Fusion 6C									
3						10				
			19	16						
8BEUHY	Yfiler®, GlobalFiler™									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
8BU8UN	Yfiler®, GlobalFiler™									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
8C9FCP	PowerPlex® Fusion 6C									
3						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 3 - YSTR Results

8EVYDM	GlobalFiler™									
3	10									
	2									
8LUXFW	GlobalFiler™									
3	10									
	2									
8LVNNZ	Yfiler® Plus									
3	38,38	15	14,15	13	30	22	10	11	14	16
	10	11	22	30	16	16	10	22		37
		9		19	16		19	22		12
8YNXJL	Yfiler®									
3		15	14,15	13	30	22	10	11	14	16
	10	11	22		16	16				
								22		12 2
94RBQH	PowerPlex® Fusion 6C									
3	10									
	19 16									
9AVEH3	GlobalFiler™									
3	10									
	2									
9DVRYZ	Yfiler® Plus, GlobalFiler™									
3	38	15	14,15	13	30	22	10	11	14	16
	10	11	22	30	16	16	10	22		37
		9		19	16		19	22		12 2
9EZZLA	PowerPlex® Y									
3		15	14,15	13	30	22	10	11	14	16
	10	11								
9GU28G	PowerPlex® Fusion 6C									
3	10									
	19 16									
9M6XDC	PowerPlex® Y 23									
3		15	14,15	13	30	22	10	11	14	16
	10	11	22		16	16		22		
		9	12	19	16			22	11	12
9MMWJM	PowerPlex® Fusion 6C									
3	10									
	19 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 3 - YSTR Results

9MPQYL	GlobalFiler™									
3	10									
2										
9TAWMF	PowerPlex® Fusion 6C									
3	10									
19 16										
9TUH8J	Yfiler®, GlobalFiler™									
3	15	14,15	13	30	22	10	11	14	16	
10 11 22 16 16										
22 12 2										
9VG6Z8	GlobalFiler™									
3	10									
2										
9YVMBW	GlobalFiler™									
3	10									
2										
9ZQ8ZG	PowerPlex® Fusion 6C									
3	10									
19 16										
A7VE4Q	Yfiler®									
3	15	14,15	13	30	22	10	11	14	16	
10 11 22 16 16										
22 12										
AAG4N4	PowerPlex® Fusion Fusion 6C									
3	10									
19 16										
AEM72J	PowerPlex® Y Y23									
3	15	14,15	13	30	22	10	11	14	16	
10 11 22 16 16										
9 12 19 16 22 11 12										
AENR26	PowerPlex® Fusion 6C									
3	10									
19 16										
AFZQXZ	PowerPlex® Fusion 6C									
3	10									
19 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 3 - YSTR Results

AKXYHA	PowerPlex® Y 23, PowerPlex® Fusion 6C									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16	22				
	9	12	19	16		22	11	12		
AMHYJB	Yfiler®, GlobalFiler™									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
ARVQMW	PowerPlex® Y Y23, PowerPlex® Fusion Fusion 6C									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16	22				
	9	12	19	16		22	11	12		
AT9AUA	PowerPlex® Y 23									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16	22				
	9	12	19	16		22	11	12		
AVEUGA	PowerPlex® Y Y23									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16	22				
	9	12	19	16		22	11	12		
AXGGBD	Yfiler®									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
B2HX88	Yfiler®									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
B4FLF3	Yfiler®									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
B6XPXZ	Investigator® 24plex QS									
3						10				
B8ZHZZ	GlobalFiler™									
3						10				
										2
BAQLTT	GlobalFiler™									
3						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 3 - YSTR Results

BD4J4M	Yfiler®, GlobalFiler™										
3	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16						
								22		12	2
BG8FPB	GlobalFiler™										
3						10					
											2
BHXHCQ	GlobalFiler™										
3						10					
											2
BUXZEE	Yfiler®, PowerPlex® Fusion F6C										
3	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16						
			19	16			22		12		
BWY34F	Yfiler® Plus										
3	38	15	14,15	13	30	22	10	11	14	16	
	10	11	22	30	16	16	10	22		37	
		9		19	16		19	22		12	2
BXUVT8	Yfiler®, GlobalFiler™, PowerPlex® Fusion 6C & 5C										
3	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16						
			19	16			22		12		2
C97FRU	PowerPlex® Y 23, PowerPlex® Fusion 6C										
3	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16		22				
		9	12	19	16		22	11	12		
CJB8J9	PowerPlex® Fusion 6C										
3						10					
			19	16							
CMP32R	GlobalFiler™										
3	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	2
CNPW7R	Yfiler®										
3	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16						
							22		12		2
CV7G6W	Yfiler®										
3	-	15	14,15	13	30	22	10	11	14	16	
	10	11	22	-	16	16	-	-	-	-	
	-	-	-	-	-	-	-	22	-	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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D32WBF	GlobalFiler™									
3	10									
	2									
DDYU22	PowerPlex® Fusion Fusion6C									
3	10									
	19 16									
DEEZE7	GlobalFiler™, PowerPlex® Fusion 5C, 6C									
3	10									
	19 16 2									
DNJ7CE	Yfiler®									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22	12		
DQ9DWB										
3	10									
DU63UA	Yfiler®									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22	12		
DVW7GP	GlobalFiler™									
3	10									
	2									
DYZWQP	GlobalFiler™									
3	10									
	2									
E2KWUC	Yfiler®									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22	12		
E7D7VX	GlobalFiler™									
3	10									
	2									
EB83H4	Yfiler®									
3	38	15	14,15	13	30	22	10	11	14	16
	10	11	22	30	16	16	10	22	37	
		9		19	16		19	22	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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EBTQN6	Yfiler®									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
EFMNFG	PowerPlex® Fusion 6C									
3						10				
				19	16					
EHA34Q	PowerPlex® Fusion 5C									
3						10				
EM63XT	PowerPlex® Y 23									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	11	12	
EPTHL3	Yfiler® Plus, GlobalFiler™									
3	38	15	14,15	13	30	22	10	11	14	16
	10	11	22	30	16	16	10	22	Not Tested	37
	Not Tested	9	Not Tested	19	16	Not Tested	19	22	Not Tested	12
										2
EV4LN6	Yfiler® Plus									
3	38	15	14,15	13	30	22	10	11	14	16
	10	11	22	30	16	16	10	22		37
	9		19	16			19	22		12
										2
EVDH2F	PowerPlex® Y Y23									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	11	12	
EZ8ACX	Yfiler®, GlobalFiler™									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
F7AVLC	Yfiler®									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
F9JZY2	Yfiler®, PowerPlex® Fusion 6C									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
			19	16			22		12	
FBA8JX	PowerPlex® Fusion 6C									
3						10				
				19	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 3 - YSTR Results

FDYE4U	PowerPlex® Fusion 6C									
3	10									
	19 16									
FE7XGW	Yfiler®, GlobalFiler™									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
FJKBNB	Yfiler®, GlobalFiler™									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
FKBU9A	Yfiler®, PowerPlex® Fusion 6C									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
			19	16			22		12	
FXFVZT	PowerPlex® Y 23									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
		9	12	19	16		22	11	12	
FYBFPD	PowerPlex® Fusion 6C									
3	10									
	19 16									
G2WKXB	PowerPlex® Y Y23									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
		9	12	19	16		22	11	12	
GA72F9	Yfiler® Plus									
3	38	15	14,15	13	30	22	10	11	14	16
	10	11	22	30	16	16	10	22		37
		9		19	16		19	22		12 2
GE689T	PowerPlex® Y 23									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
		9	12	19	16		22	11	12	
GLLRFY	PowerPlex® Fusion 6C									
3	10									
	19 16									
GMC6RQ	Yfiler®, GlobalFiler™									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		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

GMEM39	Yfiler®									
	3	15	14,15	13	30	22	10	11	14	16
	10	11	22		16	16				
								22		12
GPZCGT	GlobalFiler™									
3							10			
										2
GUEZ3B	GlobalFiler™									
3							10			
										2
GV9TXU	Yfiler®									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16				
								22		12
										2
GXCQ6G	GlobalFiler™									
3							10			
										2
GYQYAB	Yfiler®, PowerPlex® Fusion 6C									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16				
			19	16				22		12
H68YYL	Yfiler®									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16				
								22		12
H6AMHL	Yfiler®, GlobalFiler™									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16				
								22		12
										2
H6UDEC	GlobalFiler™									
3							10			
										2
H9DFEQ	GlobalFiler™									
3							10			
										2
HCCPTD	GlobalFiler™									
3							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

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HHGLFJ	PowerPlex® Fusion									
3	10									
HL2BZW	PowerPlex® Fusion Fusion 6C									
3	10									
	19 16									
HN8XD2	PowerPlex® Y 23									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16	22				
	9	12	19	16		22	11	12		
HQBQ8Z	Yfiler®									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
			19	16			22	12		
HQVC3B	GlobalFiler™									
3	10									
	2									
HR3TRU	Yfiler®, GlobalFiler™									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22	12	2	
HX9HD9	Yfiler® Plus									
3	38	15	14,15	13	30	22	10	11	14	16
	10	11	22	30	16	16	10	22	37	
	9		19	16		19	22	12	2	
HYR8ZA	Yfiler® Plus									
3	38	15	14,15	13	30	22	10	11	14	16
	10	11	22	30	16	16	10	22	37	
	9		19	16		19	22	12	2	
J6BPVW	PowerPlex® Fusion 6C									
3	10									
	19 16									
JAKAG9	Yfiler®									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22	12		
JBXN3W	PowerPlex® Y 23, GlobalFiler™									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16	22				
	9	12	19	16		22	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

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JFAMKG	Yfiler®									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
JQ7QMQ	PowerPlex® Fusion 6C									
3						10				
			19	16						
JTC78B	PowerPlex® Y 23									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	11	12	
JUTDFD	GlobalFiler™									
3						10				
										2
K47YT7	PowerPlex® Y Y23									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	11	12	
KBQWNL	GlobalFiler™									
3						10				
										2
KCMGBK	PowerPlex® Y 23, PowerPlex® Fusion 6C									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	11	12	
KHR6B2	Yfiler®, GlobalFiler™									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
KJMP6R	Investigator® 24plex QS									
3						10				
KLB9YX	PowerPlex® Y 23, GlobalFiler™, PowerPlex® Fusion 6C									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	11	12	2
KPBDXC	PowerPlex® Fusion Fusion 6C									
3						10				
			19	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 3 - YSTR Results

KQ66M4	Yfiler® PLUS, GlobalFiler™										
3	38	15	14,15	13	30	22	10	11	14	16	
	10	11	22	30	16	16	10	22		37	
		9		19	16		19	22		12	2
L8H9F9	Yfiler®										
3	Not typed	15	14,15	13	30	22	10	11	14	16	
	10	11	22	Not typed	16	16	Not typed	Not typed	Not typed	Not typed	
	Not typed	Not typed	Not typed	Not typed	Not typed	Not typed	Not typed	22	Not typed	12	Not typed
L9GB9J	PowerPlex® Y 23, PowerPlex® Fusion 6C										
3		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16		22			
		9	12	19	16			22	11	12	
LB42LA	Yfiler®										
3		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16					
								22		12	2
LGV94H	Yfiler®										
3		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16					
								22		12	2
LH66PM	Yfiler®										
3		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16					
								22		12	
LJZQCL	Yfiler®, GlobalFiler™										
3		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16					
								22		12	2
LK9XGZ	Yfiler®										
3	-	15	14,15	13	30	22	10	11	14	16	
	10	11	22	-	16	16	-	-	-	-	
	-	-	-	-	-	-	-	22	-	12	-
LP7DC3	Yfiler®										
3		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16					
								22		12	
LU4QZR	PowerPlex® Fusion 6C										
3							10				
				19	16						
LUYJPJ	PowerPlex® Y 23, PowerPlex® Fusion 6C										
3		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16		22			
		9	12	19	16			22	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

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LVYCTJ	Yfiler®, GlobalFiler™										
3		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16					
								22		12	2
M6C4LK	Yfiler®										
3	-	15	14,15	13	30	22	10	11	14	16	
	10	11	22	-	16	16	-	-	-	-	
	-	-	-	-	-	-	-	22	-	12	-
M9U322	GlobalFiler™										
3	-	-	-	-	-	-	10	-	-	-	
	-	-	-	-	-	-	-	-	-	-	
	-	-	-	-	-	-	-	-	-	-	2
MAC8JY	Yfiler®, GlobalFiler™										
3		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16					
								22		12	2
MBHPFA	GlobalFiler™										
3							10				
											2
MK7PPR	Yfiler®										
3	N/A	15	14,15	13	30	22	10	11	14	16	
	10	11	22	N/A	16	16	N/A	N/A	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	22	N/A	12	N/A
MLJ4BF	GlobalFiler™										
3							10				
											2
MMGDN7	PowerPlex® Y 23										
3		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16		22			
		9	12	19	16			22	11	12	
MVRM4C	Yfiler® Plus										
3	38	15	14,15	13	30	22	10	11	14	16	
	10	11	22	30	16	16	10	22		37	
		9		19	16		19	22		12	2
N2RDVG	GlobalFiler™										
3							10				
											2
NHGJ6V	PowerPlex® Fusion 5C, 6C										
3							10				
				19	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 3 - YSTR Results

NJ7RF	Yfiler®										
	3	15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16					
								22	12	2	
NKKGE3	PowerPlex® Fusion Fusion 6C										
	3	10									
				19	16						
NVJAMU	Yfiler® Plus, GlobalFiler™										
	3	38	15	14,15	13	30	22	10	11	14	16
	10	11	22	30	16	16	10	22	-	37	
	-	9	-	19	16	-	19	22	-	12	2
NYZEGH	PowerPlex® Y Y23										
	3	15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16		22			
		9	12	19	16		22	11	12		
P68F7J											
	3	10									
PCM7GC	GlobalFiler™										
	3	10									
PEW7N6	GlobalFiler™										
	3	10									
PFKPJB	PowerPlex® Y 23										
	3	15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16		22			
		9	12	19	16		22	11	12		
PFN634	Yfiler®										
	3	15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16					
							22		12		
PLEAYD	Yfiler®										
	3	15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16					
							22		12	2	
PLYZZL	GlobalFiler™										
	3	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

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PM6KLZ	PowerPlex® Fusion 6C									
3	10									
	19 16									
PRMXDF	Yfiler®									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
PU9K63	Yfiler®									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
PVJJ3W	PowerPlex® Y 23									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	11	12	
PWU9JN	Yfiler®									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
PZW3P7	PowerPlex® Y 23, GlobalFiler™									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	11	12	2
Q4NZZG	Yfiler®, GlobalFiler™									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
QA2JNP	Yfiler®									
3	N/A	15	14,15	13	30	22	10	11	14	16
	10	11	22	N/A	16	16	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	22	N/A	12 N/A
QA934C	Yfiler®, GlobalFiler™									
3	n/t	15	14,15	13	30	22	10	11	14	16
	10	11	22	n/t	16	16	n/t	n/t	n/t	n/t
	n/t	n/t	n/t	n/t	n/t	n/t	n/t	22	n/t	12 2
QDG6JH	PowerPlex® Fusion 6C									
3	10									
	19 16									
QNXXKC	Yfiler®, GlobalFiler™									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		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

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QRFZMC	GlobalFiler™									
3	10									
	2									
QTRVBN	PowerPlex® Y 23									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16	22				
	9	12	19	16		22	11	12		
QX4TP4	GlobalFiler™									
3	10									
	2									
QYEKTD	PowerPlex® Y 23									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16	22				
	9	12	19	16		22	11	12		
R23E9T	PowerPlex® Fusion 6C									
3	10									
	19 16									
R9GDL6	GlobalFiler™									
3	10									
	2									
RFJ8XK	Yfiler®, GlobalFiler™									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
						22		12	2	
RHTA2Q	GlobalFiler™									
3	10									
	2									
RLNAJD	PowerPlex® Y 23, PowerPlex® Fusion 6C									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16	22				
	9	12	19	16		22	11	12		
RP9BR7	GlobalFiler™									
3	10									
	2									
RQWTMC	GlobalFiler™									
3	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

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TCD7BT	Yfiler® Plus									
3	38	15	14,15	13	30	22	10	11	14	16
	10	11	22	30	16	16	10	22		37
		9		19	16		19	22		12
TLK8AY	PowerPlex® Y 23									
3		15	14,15	13	30	22	10	11	14	16
	10	11	22		16	16		22		
		9	12	19	16			22	11	12
TRQU9U	PowerPlex® Y 23									
3		15	14,15	13	30	22	10	11	14	16
	10	11	22		16	16		22		
		9	12	19	16			22	11	12
TVCCQE	PowerPlex® Fusion 6C									
3							10			
				19	16					
TW4B4D	Yfiler®, GlobalFiler™									
3		15	14,15	13	30	22	10	11	14	16
	10	11	22		16	16				
								22		12 2
U69Q3W	Yfiler®, GlobalFiler™									
3		15	14,15	13	30	22	10	11	14	16
	10	11	22		16	16				
								22		12 2
U9D8LL	GlobalFiler™									
3							10			
										2
U9MN7D	Yfiler®, GlobalFiler™									
3		15	14,15	13	30	22	10	11	14	16
	10	11	22		16	16				
								22		12 2
UBJVYQ	Yfiler® Plus									
3	38,38	15	14,15	13	30	22	10	11	14	16
	10	11	22	30	16	16	10	22		37
		9		19	16		19	22		12
UBKPHW	Yfiler®									
3		15	14,15	13	30	22	10	11	14	16
	10	11	22		16	16				
								22		12
UGNQJQ	GlobalFiler™									
3							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

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UHVXXC	PowerPlex® Y 23, PowerPlex® Fusion 6C										
3		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16		22			
		9	12	19	16			22	11	12	
UK4FR2	GlobalFiler™										
3	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
UKLAKP	Yfiler®										
3		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16					
								22		12	
UMD9YM											
3							10				
				19	16						
UP3FJK	PowerPlex® Fusion Fusion 6C										
3							10				
				19	16						
UQ6MBB	PowerPlex® Y 23										
3		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16		22			
		9	12	19	16			22	11	12	
UTR7C9	GlobalFiler™										
3							10				
											2
UTY63C	Yfiler®										
3		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16					
								22		12	
UXC3AY	PowerPlex® Y 23, GlobalFiler™										
3		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16		22			
		9	12	19	16			22	11	12	2
UZYN3M	PowerPlex® Fusion 6C										
3							10				
				19	16						
V66NQX	Yfiler®, PowerPlex® Fusion 6C										
3		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16					
				19	16			22		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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WEQEJ4	PowerPlex® Y Y23									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	11	12	
WM8LQ9	PowerPlex® Y Y23, PowerPlex® Fusion 6C									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	11	12	
WRCMPG	GlobalFiler™									
3						10				
										2
WU6DW	PowerPlex® Y 23									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	11	12	
X3TQAL										
3						10				
			19	16						
XFGLUR	PowerPlex® Fusion 6C									
3						10				
			19	16						
XH4A48	PowerPlex® Y Y23									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	11	12	
XLP8KB										
3						10				
										2
XMH8DE	GlobalFiler™									
3						10				
										2
XR9GMD	GlobalFiler™									
3						10				
										2
XU24MV	GlobalFiler™									
3						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

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XUWVCM										
3	10									
[Redacted]										
2										
XUZDER	Yfiler®, GlobalFiler™									
3	15	14,15	13	30	22	10	11	14	16	
10 11 22 16 16										
22 12 2										
XW8NBW	GlobalFiler™									
3	10									
[Redacted]										
2										
XXFX6E	Investigator® 24plex QS									
3	10									
[Redacted]										
XXK6NA	PowerPlex® Y 23									
3	15	14,15	13	30	22	10	11	14	16	
10 11 22 16 16 22										
9 12 19 16 22 11 12										
XXV773	PowerPlex® Y Y23									
3	15	14,15	13	30	22	10	11	14	16	
10 11 22 16 16 22										
9 12 19 16 22 11 12										
Y3BRZU	Yfiler® Plus, GlobalFiler™									
3	38	15	14,15	13	30	22	10	11	14	16
10 11 22 30 16 16 10 22 37										
9 19 16 19 22 12 2										
Y76ZU3	PowerPlex® Fusion Fusion 5C									
3	10									
[Redacted]										
YB4A7Q	PowerPlex® Fusion 6C									
3	10									
[Redacted]										
19 16										
YCE8LT	Yfiler®									
3	15	14,15	13	30	22	10	11	14	16	
10 11 22 16 16										
22 12										
YKMLKN	Yfiler®									
3	15	14,15	13	30	22	10	11	14	16	
10 11 22 16 16										
22 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

YN8NDE	PowerPlex® Fusion Fusion 6C									
3	10									
	19 16									
YP2CVB										
3	10									
	2									
YWJU3Q	PowerPlex® Fusion									
3	10									
	19 16									
YYMK8K	PowerPlex® Y 23									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16	22				
	9	12	19	16		22	11	12		
YZH72C	GlobalFiler™									
3	10									
	2									
YZN9YW										
3	10									
	2									
Z764D7	PowerPlex® Y 23									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16	22				
	9	12	19	16		22	11	12		
Z76AA7	PowerPlex® Y 23									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16	22				
	9	12	19	16		22	11	12		
Z7Y6N3	Yfiler®, GlobalFiler™									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
ZBYALG	PowerPlex® Y 23, GlobalFiler™									
3	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16	22				
	9	12	19	16		22	11	12		2
ZCQC9V	GlobalFiler™									
3	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 3 - YSTR Results

ZDMLM8	PowerPlex® Y 23										
3	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16		22				
	9	12	19	16			22	11	12		
ZGHJQ6	GlobalFiler™										
3						10					
											2
ZJQPBK											
3						10					
											2
ZTZ8U4	Yfiler®										
3	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16						
							22		12	2	
ZYHMCf	Yfiler®										
3	N/A	15	14,15	13	30	22	10	11	14	16	
	10	11	22	N/A	16	16	N/A	N/A	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	22	N/A	12	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 3e - YSTR Results

B9WQEX		Yfiler® Plus									
3e	38,38	15	14,15	13	30	22	10	11	14	16	
	10	11	22	30	16	16	10	22		37	
		9		19	16		19	22		12	
NTFE4Q		Yfiler®									
3e	N/A	15	14,15	13	30	22	10	11	14	16	
	10	11	22	N/A	16	16	N/A	N/A	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	22	N/A	12	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 3sp - YSTR Results

B9WQEX Yfiler® Plus  
3sp

--	--	--	--	--	--	--	--	--	--	--	--

NTFE4Q Yfiler®

3sp	N/A	15	14,15	13	30	22	10	11	14	16	
	10	11	22	N/A	16	16	N/A	N/A	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	22	N/A	12	N/A



TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 4 - YSTR Results

2A38HX	Yfiler®										
	4	15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16					
								22		12	
3RTVWX	Yfiler®										
	4	15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16					
								22		12	
B2HX88	Yfiler®										
	4	15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16					
								22		12	
BWY34F	Yfiler® Plus										
	4	38	15	14,15	13	30	22	10	11	14	16
	10	11	22	30	16	16	10	22		37	
		9		19	16		19	22		12	2
EB83H4	Yfiler®										
	4	38	15	14□15	13	30	22	10	11	14	16
	10	11	22	30	16	16	10	22		37	
		9		19	16		19	22		12	
GA72F9	Yfiler® Plus										
	4	38	15	14,15	13	30	22	10	11	14	16
	10	11	22	30	16	16	10	22		37	
		9		19	16		19	22		12	2
GE689T	PowerPlex® Y 23										
	4	15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16		22			
	9	12	19	16			22	11	12		
H68YYL	Yfiler®										
	4	15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16					
								22		12	
HEZ8MJ	Yfiler®										
	4	15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16					
								22		12	
HX9HD9	Yfiler® Plus										
	4	38	15	14,15	13	30	22	10	11	14	16
	10	11	22	30	16	16	10	22		37	
		9		19	16		19	22		12	2
HYR8ZA	Yfiler® Plus										
	4	38	15	14,15	13	30	22	10	11	14	16
	10	11	22	30	16	16	10	22		37	
		9		19	16		19	22		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 4 - YSTR Results

M9U322											
4	-	-	-	-	-	-	10	-	-	-	
	-	-	-	-	-	-	-	-	-	-	
	-	-	-	-	-	-	-	-	-	2	
MVRM4C	Yfiler® Plus										
4	38	15	14,15	13	30	22	10	11	14	16	
	10	11	22	30	16	16	10	22		37	
		9		19	16		19	22		12	
										2	
XFGLUR	PowerPlex® Fusion 6C										
4							10				
					19	16					
ZJQPBK	GlobalFiler™										
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 4e - YSTR Results

22LKJ2	GlobalFiler™									
4e	10									
	2									
23KHZP	Yfiler®, GlobalFiler™									
4e										
2HGTQ2	PowerPlex® Fusion 5C									
4e	[10]									
2J6BL8	Yfiler®									
4e	-	15	14,15	13	30	22	10	11	14	16
	10	11	22	-	16	16	-	-	-	-
	-	-	-	-	-	-	-	22	-	12
										-
2KLF7Q	Yfiler®									
4e		15	14,15	13	30	22	10	11	14	16
	10	11	22		16	16				
								22		12
										2
2PCVQR	GlobalFiler™									
4e	10									
	2									
2Q8C8V										
4e	10									
	2									
2RGRT8	Yfiler®, GlobalFiler™									
4e		15	14,15	13	30	22	10	11	14	16
	10	11	22		16	16				
								22		12
										2
2X8XVN	Yfiler®, PowerPlex® Fusion 6C									
4e		15	14,15	13	30	22	10	11	14	16
	10	11	22		16	16				
				19	16			22		12
32LTD8	PowerPlex® Fusion 6C									
4e	10									
	19									
	16									
33DXJY	GlobalFiler™									
4e	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 4e - YSTR Results

34RKW8	GlobalFiler™									
4e	10									
	2									
37DDP2	GlobalFiler™									
4e	10									
	2									
389PV3	GlobalFiler™									
4e	10									
	2									
3ACKCK	GlobalFiler™									
4e	10									
	2									
3DUMG6	PowerPlex® Y 23									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16	22				
	9	12	19	16		22	11	12		
3RE3K4	PowerPlex® Y 23									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16	22				
	9	12	19	16		22	11	12		
3WQ3NM	Yfiler®, GlobalFiler™									
4e										
3YZBVL	Yfiler®, PowerPlex® Fusion 6C									
4e	13									
	10									
	14									
	16									
	22									
	19									
	16									
	22									
43AU7Z	GlobalFiler™									
4e	10									
	2									
43QYQJ	PowerPlex® Y 23, PowerPlex® Fusion DYS391 only									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16	22				
	9	12	19	16		22	11	12		
44874N	PowerPlex® Y 23									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16	22				
	9	12	19	16		22	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 4e - YSTR Results

44LKKB	PowerPlex® Fusion 6C									
4e	[REDACTED]									
			19	16						
44NBN8	Investigator® 24plex QS									
4e	[REDACTED]									
46DN66	GlobalFiler™									
4e	[REDACTED]									
										2
46Y2QW	GlobalFiler™									
4e	[REDACTED]									
							[10]			[2]
4HKGUW	Yfiler®									
4e	[REDACTED]									
4JJGX3	PowerPlex® Y Y23, PowerPlex® Fusion 6C									
4e	[REDACTED]									
		15	14,15	13	30	22	10	11	14	16
	10	11	22		16	16		22		
		9	12	19	16			22	11	12
4Q4TXP	Yfiler®									
4e	[REDACTED]									
										2
4QMERZ	Yfiler®									
4e	[REDACTED]									
		15	14,15	13	30	22	10	11	14	16
	10	11	22		16	16				
								22		12 2
4RDPG9	Yfiler®									
4e	[REDACTED]									
4WCW7C	PowerPlex® Fusion Fusion 6C									
4e	[REDACTED]									
			[19]	[16]						
4XK7YA	Investigator® 24plex QS									
4e	[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 4e - YSTR Results

4YAJE7	GlobalFiler™									
4e	10									
2										
62UT2D	Yfiler®, PowerPlex® Fusion 6C									
4e	19 16									
62ZVZX	10									
6DV8AQ	PowerPlex® Fusion 6C									
4e	16									
6ERPFF	Yfiler® Plus, GlobalFiler™									
4e	38	15	14,15	13	30	22	10	11	14	16
	10	11	22	30	16	16	10	22	37	
		9		19	16		19	22	12	2
6HMGFH	PowerPlex® Y 23									
4e										
6HN9C6	PowerPlex® Fusion 6C									
4e	10									
16										
6KQAAG	GlobalFiler™									
4e	10									
2										
6MU6TJ	Yfiler®, PowerPlex® Fusion 6C									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16				
			19	16			22		12	
6NELDT	[10]									
4e										
[2]										
6WNBQQ	Yfiler®									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16				
							22		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 4e - YSTR Results

74X2R9	PowerPlex® Fusion 6C									
4e	10									
	19 16									
77M6KF	Yfiler®, GlobalFiler™									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
	22 12 2									
7HYKGM	PowerPlex® Fusion 6C									
4e	10									
	19 16									
7QUKVF										
4e	10									
	2									
7XTABX	PowerPlex® Y 23, PowerPlex® Fusion 6C									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	11	12	
7YK8NW	Yfiler®, GlobalFiler™									
4e	10 11 16									
	10	22								
	22 12 2									
88WL9D	PowerPlex® Fusion 6C									
4e	10									
	NR 16									
8BEUHY	Yfiler®, GlobalFiler™									
4e										
8BU8UN	Yfiler®, GlobalFiler™									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
	22 12 2									
8C9FCP										
4e	10									
	2									
8EVYDM	GlobalFiler™									
4e	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 4e - YSTR Results

8LUXFW	GlobalFiler™									
4e	[10]									
[2]										
8LVNNZ	Yfiler® Plus									
4e	38,38	15	14,15	13	30	22	10	11	14	16
	10	11	22	30	16	16	10	22		37
		9		19	16		19	22		12
8YNXJL	Yfiler®									
4e		15	14,15	13	30	22	10	11	14	16
	10	11	22		16	16				
								22		12
										2
94RBQH	PowerPlex® Fusion 6C									
4e										
9AVEH3	GlobalFiler™									
4e	10									
2										
9DVRYZ	Yfiler® Plus, GlobalFiler™									
4e	38	15	14,15	13	30	22	10	11	14	16
	10	11	22	30	16	16	10	22		37
		9		19	16		19	22		12
										2
9EZZLA	PowerPlex® Y									
4e		15	14,15	13	30	22	10	11	14	16
	10	11								
9GU28G	PowerPlex® Fusion 6C									
4e	[10]									
				[19]	[16]					
9M6XDC	PowerPlex® Y 23									
4e							10			16
		22			16	16		22		
		9	12	19	16					
9MMWJM	PowerPlex® Fusion 6C									
4e	10									
				19	16					
9MPQYL	GlobalFiler™									
4e	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 4e - YSTR Results

9TAWMF	PowerPlex® Fusion 6C									
4e	[10]									
	[19] [16]									
9TUH8J	Yfiler®, GlobalFiler™									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
9VG6Z8										
4e	10									
	2									
9YVMBW	GlobalFiler™									
4e	[10]									
	[2]									
9ZQ8ZG	PowerPlex® Fusion 6C									
4e	[10]									
	[19] [16]									
A7VE4Q	Yfiler®									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
AAG4N4	PowerPlex® Fusion Fusion 6C									
4e	10									
	[19] 16									
AEM72J	PowerPlex® Y Y23									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	11	12	
AENR26	PowerPlex® Fusion 6C									
4e	10									
	[19] [16]									
AFZQXZ	PowerPlex® Fusion 6C									
4e	10									
	19 16									
AKXYHA	PowerPlex® Y 23, PowerPlex® Fusion 6C									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	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 4e - YSTR Results

AMHYJB	Yfiler®, GlobalFiler™									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
ARVQMW	PowerPlex® Y Y23, PowerPlex® Fusion Fusion 6C									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
		9	12	19	16		22	11	12	
AT9AUA	PowerPlex® Y 23									
4e										
AVEUGA	PowerPlex® Y Y23									
4e	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	NT	NT	NT	NT	NT		NT			
		NT	NT	NT	NT		NT	NT	NT	
AXGGBD	Yfiler®									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
B4FLF3	Yfiler®									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
B6XPXZ	Investigator® 24plex QS									
4e						10				
B8ZHSL	GlobalFiler™									
4e						10				
										2
B9WQEX	Yfiler® Plus									
4e	38,38	15	14,15	13	30	22	10	11	14	16
	10	11	22	30	16	16	10	22		37
		9		19	16		19	22		12
BAQLTT	GlobalFiler™									
4e						10				
										2
BD4J4M	Yfiler®, GlobalFiler™									
4e										

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 4e - YSTR Results

BG8FPB	GlobalFiler™									
4e	10									
	2									
BHXHCQ	GlobalFiler™									
4e	10									
	2									
BUXZEE	Yfiler®, PowerPlex® Fusion F6C									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
			NR	16			22		12	
BXUVT8	Yfiler®, GlobalFiler™, PowerPlex® Fusion 6C & 5C									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
			19	16			22		12	2
C97FRU	PowerPlex® Y 23, PowerPlex® Fusion 6C									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
		9	12	19	16		22	11	12	
CJB8J9	PowerPlex® Fusion 6C									
4e	10	16	19							
CMP32R	GlobalFiler™									
4e	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
										2
CNPW7R	Yfiler®									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
CV7G6W	Yfiler®									
4e	-	15	14,15	13	30	22	10	11	14	16
	10	11	22	-	16	16	-	-	-	-
	-	-	-	-	-	-	-	22	-	12
										-
D32WBF	GlobalFiler™									
4e	2									
	2									
DC9HDP	Yfiler®									
4e										

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 4e - YSTR Results

DDYU22	PowerPlex® Fusion Fusion6C									
4e	10									
	[19] [16]									
DEEZE7	GlobalFiler™, PowerPlex® Fusion 5C, 6C									
4e	10									
	19 16 2									
DNJ7CE	Yfiler®									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
	22 12									
DQ9DWB										
4e	10									
DU63UA	Yfiler®									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
	22 12									
DVW7GP	GlobalFiler™									
4e	10									
	2									
DYZWQP	GlobalFiler™									
4e	10									
	2									
E2KWUC	Yfiler®									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
	22 12									
E7D7VX	GlobalFiler™									
4e	10									
	2									
EBTQN6	Yfiler®									
4e	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	NT	NT	NT	NT	NT					
	NT NT									
EFMNFG	PowerPlex® Fusion 6C									
4e	10									
	19 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 4e - YSTR Results

EHA34Q	PowerPlex® Fusion 5C										
4e	10										
<hr/>											
EM63XT											
4e	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16	22					
	9	12	19	16	22	11	12				
<hr/>											
EPTHL3	Yfiler® Plus, GlobalFiler™										
4e	38	15	14,15	13	30	22	10	11	14	16	
	10	11	22	30	16	16	10	22	Not Tested	37	
	Not Tested	9	Not Tested	19	16	Not Tested	19	22	Not Tested	12	2
<hr/>											
EV4LN6	Yfiler® Plus										
4e	38	15	14,15	13	30	22	10	11	14	16	
	10	11	22	30	16	16	10	22	37		
	9		19	16	19	22	12	2			
<hr/>											
EVDH2F	PowerPlex® Y Y23										
4e	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16	22					
	9	12	19	16	22	11	12				
<hr/>											
EZ8ACX	Yfiler®, GlobalFiler™										
4e	10										
	2										
<hr/>											
F7AVLC	Yfiler®										
4e	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16						
								22	12		
<hr/>											
F9JZY2	Yfiler®, PowerPlex® Fusion 6C										
4e	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16						
								22	12		
<hr/>											
FBA8JX	PowerPlex® Fusion 6C										
4e	10										
	19										
	16										
<hr/>											
FDYE4U	PowerPlex® Fusion 6C										
4e	10										
	19										
	16										
<hr/>											
FE7XGW	Yfiler®, GlobalFiler™										
4e	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16						
								22	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 4e - YSTR Results

FJKBNB	Yfiler®, GlobalFiler™									
4e	[REDACTED]									
FKBU9A	Yfiler®, PowerPlex® Fusion 6C									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
			19	16			22		12	
FKUMYL	Yfiler®									
4e							11		16	
	10	22								
							22		12	
FXFVZT	PowerPlex® Y 23									
4e	[REDACTED]									
FYBFPD	PowerPlex® Fusion 6C									
4e						10				
			19	16						
G2WKXB	PowerPlex® Y Y23									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
		9	12	19	16		22	11	12	
GLLRFY										
4e						10				
			19	16						
GMC6RQ	Yfiler®, GlobalFiler™									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
GMEM39	Yfiler®									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
GPZCGT	GlobalFiler™									
4e						10				
										2
GUEZ3B										
4e						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 4e - YSTR Results

GV9TXU	Yfiler®									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
GXCQ6G	GlobalFiler™									
4e						10				
										2
GYQYAB	Yfiler®, PowerPlex® Fusion 6C									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
H6AMHL	Yfiler®, GlobalFiler™									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
H6UDEC	GlobalFiler™									
4e						10				
										2
H9DFEQ	GlobalFiler™									
4e										
										2
HCCPTD	GlobalFiler™									
4e						10				
										2
HHGLFJ	PowerPlex® Fusion									
4e						10				
HL2BZW	PowerPlex® Fusion Fusion 6C									
4e						10				
				[19]	16					
HN8XD2	PowerPlex® Y 23									
4e	Not tested	Not tested	Not tested	Not tested	Not tested	Not tested	Not tested	Not tested	Not tested	Not tested
	Not tested	Not tested	Not tested		Not tested	Not tested		Not tested		
	Not tested	Not tested	Not tested	Not tested				Not tested	Not tested	Not tested
HQBQ8Z	Yfiler®									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
			19	16			22		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 4e - YSTR Results

HQVC3B	GlobalFiler™									
4e	10									
[Redacted]										
2										
HR3TRU	Yfiler®, GlobalFiler™									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
								22	12	2
J6BPVW	PowerPlex® Fusion FUSION 6C									
4e	10									
[Redacted]										
			[19]	[16]						
JAKAG9	Yfiler®									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
								22	12	
JBXN3W	PowerPlex® Y 23, GlobalFiler™									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	11	12	2
JFAMKG	Yfiler®									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
								22	12	
JQ7QMQ	PowerPlex® Fusion 6C									
4e	[Redacted]									
JTC78B	PowerPlex® Y 23									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	11	12	
JUTDFD	GlobalFiler™									
4e	10									
[Redacted]										
2										
K47YT7	PowerPlex® Y Y23									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	11	12	
KBQWNL	GlobalFiler™									
4e	10									
[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 4e - YSTR Results

KCMGBK	PowerPlex® Y 23, PowerPlex® Fusion 6C										
4e	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16	22					
	9	12	19	16		22	11	12			
KHR6B2	Yfiler®, GlobalFiler™										
4e	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16						
							22	12	2		
KJMP6R	Investigator® 24plex QS										
4e						10					
KLB9YX	PowerPlex® Y 23, GlobalFiler™, PowerPlex® Fusion 6C										
4e	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16	22					
	9	12	19	16		22	11	12	2		
KPBDXC	PowerPlex® Fusion Fusion 6C										
4e						[10]					
			[19]	[16]							
KQ66M4	Yfiler® PLUS, GlobalFiler™										
4e	38	15	14,15	13	30	22	10	11	14	16	
	10	11	22	30	16	16	10	22	37		
	9		19	16		19	22	12	2		
L8H9F9	Yfiler®										
4e	Not typed	15	14,15	13	30	22	10	11	14	16	
	10	11	22	Not typed	16	16	Not typed	Not typed	Not typed	Not typed	
	Not typed	Not typed	Not typed	Not typed	Not typed	Not typed	Not typed	22	Not typed	12	Not typed
L9GB9J	PowerPlex® Y 23, PowerPlex® Fusion 6C										
4e	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16	22					
	9	12	19	16		22	11	12			
LB42LA	Yfiler®										
4e						10					
										2	
LGV94H	Yfiler®										
4e	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16						
							22	12	2		
LH66PM	Yfiler®										
4e	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16						
							22	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 4e - YSTR Results

LJZQCL	Yfiler®, GlobalFiler™										
4e	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16						
							22		12	2	
LK9XGZ	Yfiler®										
4e	-	15	14,15	13	30	22	10	11	14	16	
	10	11	22	-	16	16	-	-	-	-	
	-	-	-	-	-	-	-	22	-	12	-
LP7DC3	Yfiler®										
4e	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16						
							22		12		
LU4QZR	PowerPlex® Fusion 6C										
4e						10					
			19	16							
LUYJPJ	PowerPlex® Y 23, PowerPlex® Fusion 6C										
4e	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16		22				
	9	12	19	16			22	11	12		
LVYCTJ	Yfiler®, GlobalFiler™										
4e	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16						
							22		12	2	
M6C4LK	Yfiler®										
4e	-	15	14,15	13	30	22	10	11	14	16	
	10	11	22	-	16	16	-	-	-	-	
	-	-	-	-	-	-	-	22	-	12	-
MAC8JY	Yfiler®, GlobalFiler™										
4e	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16						
							22		12	2	
MBHPFA	GlobalFiler™										
4e						10					
											[2]
MK7PPR	Yfiler®										
4e	N/A	15	14,15	13	30	22	10	11	14	16	
	10	11	22	N/A	16	16	N/A	N/A	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	22	N/A	12	N/A
MLJ4BF	GlobalFiler™										
4e						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 4e - YSTR Results

MMGDN7	PowerPlex® Y 23										
4e		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16		22			
		9	12	19	16			22	11	12	
N2RDVG	GlobalFiler™										
4e							10				
											2
N6AT3M	Yfiler®										
4e											
NHGJ6V	PowerPlex® Fusion 5C, 6C										
4e							10				
				19	16						
NJT7RF	Yfiler®										
4e		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16					
								22		12	2
NKKGE3	PowerPlex® Fusion Fusion 6C										
4e											
NTFE4Q	Yfiler®										
4e	N/A	15	14,15	13	30	22	10	11	14	16	
	10	11	22	N/A	16	16	N/A	N/A	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	22	N/A	12	N/A
NVJAMU	Yfiler® Plus, GlobalFiler™										
4e	38	15	14,15	13	30	22	10	11	14	16	
	10	11	22	30	16	16	10	22	-	37	
	-	9	-	19	16	-	19	22	-	12	2
NYZEGH	PowerPlex® Y Y23										
4e		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16		22			
		9	12	19	16			22	11	12	
P68F7J	GlobalFiler™										
4e							10				
											2
PCM7GC	GlobalFiler™										
4e							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 4e - YSTR Results

PEW7N6	GlobalFiler™									
4e	10									
	2									
PFKPJB	PowerPlex® Y 23									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16	22				
	9	12	19	16		22	11	12		
PFN634	Yfiler®									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
						22			12	
PLEAYD	Yfiler®									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
						22			12	2
PLYZZL	GlobalFiler™									
4e	10									
	2									
PM6KLZ	PowerPlex® Fusion 6C									
4e										
PRMXDF	Yfiler®									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
						22			12	2
PU9K63	Yfiler®									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
						22			12	
PVJJ3W	PowerPlex® Y 23									
4e	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		NT	NT	NT	NT
PWU9JN	Yfiler®									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
						22			12	
PZW3P7	PowerPlex® Y 23, GlobalFiler™									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16	22				
	9	12	19	16		22	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 4e - YSTR Results

Q4NZZG	Yfiler®, GlobalFiler™											
4e	15	14,15	13	30	22	10	11	14	16			
	10	11	22	16	16							
							22		12	2		
QA2JNP	Yfiler®											
4e	N/A	15	14,15	13	30	22	10	11	14	16		
	10	11	22	N/A	16	16	N/A	N/A	N/A	N/A		
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	22	N/A	12	N/A	
QA934C	Yfiler®, GlobalFiler™											
4e	n/t	15	14,15	13	30	22	10	11	14	16		
	10	11	22	n/t	16	16	n/t	n/t	n/t	n/t		
	n/t	n/t	n/t	n/t	n/t	n/t	n/t	22	n/t	12	2	
QDG6JH	PowerPlex® Fusion 6C											
4e	[REDACTED]											
QNXXKC	Yfiler®, GlobalFiler™											
4e	15	14,15	13	30	22	10	11	14	16			
	10	11	22	16	16							
							22		12	2		
QTRVBN	PowerPlex® Y 23											
4e	15	14,15	13	30	22	10	11	14	16			
	10	11	22	16	16		22					
	9	12	19	16			22	11	12			
QX4TP4	GlobalFiler™											
4e							10					
	[REDACTED]											
	NR											
QYEKTD	PowerPlex® Y 23											
4e	15	14,15	13	30	22	10	11	14	16			
	10	11	22	16	16		22					
	9	12	19	16			22	11	12			
R23E9T	PowerPlex® Fusion 6C											
4e							10					
	[REDACTED]											
			19	16								
R9GDL6	GlobalFiler™											
4e							10					
	[REDACTED]											
	2											
RDU328	Yfiler®											
4e	[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 4e - YSTR Results

RFJ8XK	Yfiler®, GlobalFiler™									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
RLNAJD	PowerPlex® Y 23, PowerPlex® Fusion 6C									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	11	12	
RP9BR7	GlobalFiler™									
4e						10				
										2
RQWTMC	GlobalFiler™									
4e						10				
										2
TCD7BT	Yfiler® Plus									
4e										
TLK8AY	PowerPlex® Y 23									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	11	12	
TRQU9U	PowerPlex® Y 23									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	11	12	
TTZN29	Yfiler®									
4e										
TVCCQE	PowerPlex® Fusion 6C									
4e						10				
				19	16					
TW4B4D	Yfiler®, GlobalFiler™									
4e										
U69Q3W	Yfiler®, GlobalFiler™									
4e										

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 4e - YSTR Results

U9D8LL	GlobalFiler™									
4e	10									
2										
U9MN7D	Yfiler®, GlobalFiler™									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
								22	12	2
UBJVYQ	Yfiler® Plus									
4e	38,38	15	14,15	13	30	22	10	11	14	16
	10	11	22	30	16	16	10	22	37	
				9	19	16	19	22	12	
UBKPHW	Yfiler®									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
								22	12	
UGNQJQ	GlobalFiler™									
4e	10									
2										
UHVXC	PowerPlex® Y 23, PowerPlex® Fusion 6C									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
		9	12	19	16		22	11	12	
UK4FR2	GlobalFiler™									
4e	NT	NT	NT	NT	NT	NT	10	NT	NT	NT
	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
										2
UKLAKP	Yfiler®									
4e	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	NT	NT	NT	NT	NT					
								NT	NT	
UMD9YM	GlobalFiler™									
4e	10									
2										
			19	16						
UP3FJK	PowerPlex® Fusion Fusion 6C									
4e	10									
2										
			19	16						
UQ6MBB	PowerPlex® Y 23									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
		9	12	19	16		22	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 4e - YSTR Results

UTR7C9	GlobalFiler™									
4e	10									
	2									
UTY63C	Yfiler®									
4e										
UXC3AY	PowerPlex® Y 23, GlobalFiler™									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	11	12	2
UZYN3M	PowerPlex® Fusion 6C									
4e	10									
	19 16									
V66NQX	Yfiler®, PowerPlex® Fusion 6C									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
V9QJGW										
4e	10									
	2									
VA2D86	GlobalFiler™									
4e	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	[2]
VAYPN7										
4e	10									
	2									
VC6AC7										
4e	10									
	2									
VD36Q4	GlobalFiler™									
4e	10									
	2									
VG66QZ	GlobalFiler™									
4e	[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 4e - YSTR Results

VRZJLQ	PowerPlex® Y 23									
4e	[REDACTED]									
VU9HUE	Yfiler®									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
W67TQR	Yfiler®									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
W6ZLFJ	PowerPlex® Y 23, PowerPlex® Fusion 6C									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	11	12	
WDF8PM	GlobalFiler™, PowerPlex® Fusion 6C									
4e						10				
			19	16						2
WEQEJ4	PowerPlex® Fusion									
4e							[10]			
WM8LQ9	PowerPlex® Y Y23, PowerPlex® Fusion 6C									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	11	12	
WRCMPG	GlobalFiler™									
4e						10				
										2
WU6DW	PowerPlex® Y 23									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	11	12	
X3TQAL	PowerPlex® Fusion 6C									
4e						10				
			NR	16						
XH4A48	PowerPlex® Y Y23									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	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 4e - YSTR Results

XLP8KB											
4e											10
											2
XMH8DE	GlobalFiler™										
4e											10
											2
XR9GMD	GlobalFiler™										
4e											[10]
											[2]
XU24MV	GlobalFiler™										
4e											10
											2
XUWCM											
4e											10
											2
XUZDER	Yfiler®, GlobalFiler™										
4e											
XW8NBW	GlobalFiler™										
4e											10
											2
XXFX6E	Investigator® 24plex QS										
4e											10
XXK6NA	PowerPlex® Y 23										
4e											
XXV773	PowerPlex® Y Y23										
4e											
Y3BRZU	Yfiler® Plus, GlobalFiler™										
4e	38	15	14,15	13	30	22	10	11	14	16	
											10
											37
											9
											19
											16
											19
											22
											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 4e - YSTR Results

Y76ZU3	PowerPlex® Y 23, PowerPlex® Fusion 5C									
4e	10									
YB4A7Q	PowerPlex® Fusion 6C									
4e	[10]									
			[19]	[16]						
YCE8LT	Yfiler®									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
YKMLKN	Yfiler®									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
YN8NDE	PowerPlex® Fusion Fusion 6C									
4e	10									
			[19]	16						
YP2CVB										
4e	[10]									
										[2]
YWJU3Q	PowerPlex® Fusion									
4e	10									
			19	16						
YYMK8K	PowerPlex® Y 23									
4e										
YZH72C	GlobalFiler™									
4e	10									
										2
YZN9YW										
4e	[10]									
										[2]
Z764D7	PowerPlex® Y 23									
4e	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
		9	12	19	16		22	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 4e - YSTR Results

Z76AA7	PowerPlex® Y 23										
4e		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16		22			
		9	12	19	16			22	11	12	
Z7Y6N3	Yfiler®, GlobalFiler™										
4e		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16					
								22		12	[2]
ZBYALG	PowerPlex® Y 23, GlobalFiler™										
4e		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16		22			
		9	12	19	16			22	11	12	2
ZCQC9V	GlobalFiler™										
4e							10				
											2
ZDMLM8	PowerPlex® Y 23										
4e		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16		22			
		9	12	19	16			22	11	12	
ZGHJQ6	GlobalFiler™										
4e							10				
											2
ZRLU2Z	PowerPlex® Y 23										
4e											
ZTZ8U4	Yfiler®										
4e		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16					
								22		12	2
ZYHMCf	Yfiler®										
4e	N/A	15	14,15	13	30	22	10	11	14	16	
	10	11	22	N/A	16	16	N/A	N/A	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	22	N/A	12	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 4sp - YSTR Results

22LKJ2	GlobalFiler™									
4sp	10									
	2									
23KHZP	Yfiler®, GlobalFiler™									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
2HGTQ2	PowerPlex® Fusion 5C									
4sp	10									
	2									
2J6BL8	Yfiler®									
4sp	-	15	14,15	13	30	22	10	11	14	16
	10	11	22	-	16	16	-	-	-	-
	-	-	-	-	-	-	-	22	-	12
										-
2KLF7Q	Yfiler®									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
2PCVQR	GlobalFiler™									
4sp	10									
	2									
2Q8C8V	GlobalFiler™									
4sp	10									
	2									
2RGRT8	Yfiler®, GlobalFiler™									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
2X8XVN	Yfiler®, PowerPlex® Fusion 6C									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
			19	16			22		12	
32LTD8	PowerPlex® Fusion 6C									
4sp	10									
	2									
			19	16						
33DXJY	GlobalFiler™									
4sp	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 4sp - YSTR Results

34RKW8	GlobalFiler™									
4sp	10									
	2									
37DDP2	GlobalFiler™									
4sp	10									
	2									
389PV3	GlobalFiler™									
4sp	10									
	2									
3ACKCK	GlobalFiler™									
4sp	10									
	2									
3DUMG6	PowerPlex® Y 23									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16	22				
	9	12	19	16		22	11	12		
3RE3K4	PowerPlex® Y 23									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16	22				
	9	12	19	16		22	11	12		
3WQ3NM	Yfiler®, GlobalFiler™									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
3YZBVL	Yfiler®, PowerPlex® Fusion 6C									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
			19	16			22		12	
43AU7Z	GlobalFiler™									
4sp	10									
	2									
43QYQJ	PowerPlex® Y 23, PowerPlex® Fusion DYS391 only									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16	22				
	9	12	19	16		22	11	12		
44874N	PowerPlex® Y 23									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16	22				
	9	12	19	16		22	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 4sp - YSTR Results

44LKKB	PowerPlex® Fusion 6C									
4sp	10									
	19 16									
44NBN8	Investigator® 24plex QS									
4sp	10									
46DN66	GlobalFiler™									
4sp	10									
	2									
46Y2QW	GlobalFiler™									
4sp	10									
	2									
4HKGUW	Yfiler®									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
4JJGX3	PowerPlex® Y Y23, PowerPlex® Fusion 6C									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
		9	12	19	16		22	11	12	
4Q4TXP	Yfiler®									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
4QMERZ	Yfiler®									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
4RDPG9	Yfiler®									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
4WCW7C	PowerPlex® Fusion Fusion 6C									
4sp	10									
	19 16									
4XK7YA	Investigator® 24plex QS									
4sp	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 4sp - YSTR Results

4YAJE7	GlobalFiler™									
4sp	10									
[Redacted]										
2										
62UT2D	Yfiler®, PowerPlex® Fusion 6C									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
			19	16			22		12	
62ZVZX										
4sp	10									
[Redacted]										
6DV8AQ	PowerPlex® Fusion 6C									
4sp	10									
[Redacted]										
			19	16						
6ERPFF	Yfiler® Plus, GlobalFiler™									
4sp	38	15	14,15	13	30	22	10	11	14	16
	10	11	22	30	16	16	10	22		37
		9		19	16		19	22		12
										2
6HMGFH	PowerPlex® Y 23									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
		9	12	19	16		22	11	12	
6HN9C6	PowerPlex® Fusion 6C									
4sp	10									
[Redacted]										
			19	16						
6KQAAG	GlobalFiler™									
4sp	10									
[Redacted]										
2										
6MU6TJ	Yfiler®, PowerPlex® Fusion 6C									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
			19	16			22		12	
6NELDT										
4sp	10									
[Redacted]										
2										
6WNBQQ	Yfiler®									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		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 4sp - YSTR Results

74X2R9	PowerPlex® Fusion 6C									
4sp	10									
	19 16									
77M6KF	Yfiler®, GlobalFiler™									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
	22 12 2									
7HYKGM	PowerPlex® Fusion 6C									
4sp	10									
	19 16									
7QUKVF										
4sp	10									
	2									
7XTABX	PowerPlex® Y 23, PowerPlex® Fusion 6C									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	11	12	
7YK8NW	Yfiler®, GlobalFiler™									
4sp	15	14,15	13	30	22	10		14		
	11			16	16					
	2									
88WL9D	PowerPlex® Fusion 6C									
4sp	10									
	19 16									
8BEUHY	Yfiler®, GlobalFiler™									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
	22 12 2									
8BU8UN	Yfiler®, GlobalFiler™									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
	22 12 2									
8C9FCP										
4sp	10									
	2									
8EVYDM	GlobalFiler™									
4sp	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 4sp - YSTR Results

8LUXFW	GlobalFiler™									
4sp	10									
[Redacted]										
2										
8LVNNZ	Yfiler® Plus									
4sp	38,38	15	14,15	13	30	22	10	11	14	16
[Redacted]										
[Redacted]										
[Redacted]										
8YNXJL	Yfiler®									
4sp		15	14,15	13	30	22	10	11	14	16
[Redacted]										
[Redacted]										
[Redacted]										
2										
94RBQH	PowerPlex® Fusion 6C									
4sp	10									
[Redacted]										
2										
9AVEH3	GlobalFiler™									
4sp	10									
[Redacted]										
2										
9DVRYZ	Yfiler® Plus, GlobalFiler™									
4sp	38	15	14,15	13	30	22	10	11	14	16
[Redacted]										
[Redacted]										
[Redacted]										
2										
9EZZLA	PowerPlex® Y									
4sp		15	14,15	13	30	22	10	11	14	16
[Redacted]										
2										
9GU28G	PowerPlex® Fusion 6C									
4sp	10									
[Redacted]										
2										
9M6XDC	PowerPlex® Y 23									
4sp		15	14,15	13	30	22	10	11	14	16
[Redacted]										
[Redacted]										
[Redacted]										
2										
9MMWJM	PowerPlex® Fusion 6C									
4sp	10									
[Redacted]										
2										
9MPQYL	GlobalFiler™									
4sp	10									
[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 4sp - YSTR Results

9TAWMF	PowerPlex® Fusion 6C									
4sp	10									
	19 16									
9TUH8J	Yfiler®, GlobalFiler™									
4sp	10									
	2									
9VG6Z8	PowerPlex® Fusion 6C									
4sp	10									
	2									
9YVMBW	GlobalFiler™									
4sp	10									
	2									
9ZQ8ZG	PowerPlex® Fusion 6C									
4sp	10									
	19 16									
A7VE4Q	Yfiler®									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
AAG4N4	PowerPlex® Fusion Fusion 6C									
4sp	10									
	19 16									
AEM72J	PowerPlex® Y Y23									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	11	12	
AENR26	PowerPlex® Fusion 6C									
4sp	10									
	19 16									
AFZQXZ	PowerPlex® Fusion 6C									
4sp	10									
	19 16									
AKXYHA	PowerPlex® Y 23, PowerPlex® Fusion 6C									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	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 4sp - YSTR Results

AMHYJB	Yfiler®, GlobalFiler™									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16				
							22		12	2
ARVQMW	PowerPlex® Y Y23, PowerPlex® Fusion Fusion 6C									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16	22			
		9	12	19	16		22	11	12	
AT9AUA	PowerPlex® Y 23									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16	22			
		9	12	19	16		22	11	12	
AVEUGA	PowerPlex® Y Y23									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16	22			
		9	12	19	16		22	11	12	
AXGGBD	Yfiler®									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16				
							22		12	
B4FLF3	Yfiler®									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16				
							22		12	
B6XPXZ	Investigator® 24plex QS									
4sp						10				
B8ZHSL	GlobalFiler™									
4sp						10				
										2
B9WQEX	Yfiler® Plus									
4sp	38,38	15	14,15	13	30	22	10	11	14	16
	10	11	22	30	16	16	10	22		37
		9		19	16		19	22		12
BAQLTT	GlobalFiler™									
4sp						10				
										2
BD4J4M	Yfiler®, GlobalFiler™									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16				
							22		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 4sp - YSTR Results

BG8FPB	GlobalFiler™										
4sp	10										
<hr/>											
BHXHCQ	GlobalFiler™										
4sp	10										
<hr/>											
BUXZEE	Yfiler®, PowerPlex® Fusion F6C										
4sp	15	14,15	13	30	22	10	11	14	16		
<hr/>											
BXUVT8	Yfiler®, GlobalFiler™, PowerPlex® Fusion 6C & 5C										
4sp	15	14,15	13	30	22	10	11	14	16		
<hr/>											
C97FRU	PowerPlex® Y 23, PowerPlex® Fusion 6C										
4sp	15	14,15	13	30	22	10	11	14	16		
<hr/>											
CJB8J9	PowerPlex® Fusion 6C										
4sp	10	16	19								
<hr/>											
CMP32R	GlobalFiler™										
4sp	N/A	N/A	N/A	N/A	N/A	N/A	10	N/A	N/A	N/A	
<hr/>											
CNPW7R	Yfiler®										
4sp	15	14,15	13	30	22	10	11	14	16		
<hr/>											
CV7G6W	Yfiler®										
4sp	-	15	14,15	13	30	22	10	11	14	16	
<hr/>											
D32WBF	GlobalFiler™										
4sp	[10]										
<hr/>											
DC9HDP	Yfiler®										
4sp	15	14,15	13	30	22	10	11	14	16		
<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 4sp - YSTR Results

DDYU22	PowerPlex® Fusion Fusion6C									
4sp	10									
	19 16									
DEEZE7	GlobalFiler™, PowerPlex® Fusion 5C, 6C									
4sp	10									
	19 16 2									
DNJ7CE	Yfiler®									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22		12	
DQ9DWB										
4sp	10									
DU63UA	Yfiler®									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22		12	
DVW7GP	GlobalFiler™									
4sp	10									
	2									
DYZWQP	GlobalFiler™									
4sp	10									
	2									
E2KWUC	Yfiler®									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22		12	
E7D7VX	GlobalFiler™									
4sp	10									
	2									
EBTQN6	Yfiler®									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22		12	
EFMNFQ	PowerPlex® Fusion 6C									
4sp	10									
	19 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 4sp - YSTR Results

EHA34Q	PowerPlex® Fusion 5C										
4sp	10										
EM63XT											
4sp	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16	22					
	9	12	19	16		22	11	12			
EPTHL3	Yfiler® Plus, GlobalFiler™										
4sp	38	15	14,15	13	30	22	10	11	14	16	
	10	11	22	30	16	16	10	22	Not Tested	37	
	Not Tested	9	Not Tested	19	16	Not Tested	19	22	Not Tested	12	2
EV4LN6	Yfiler® Plus										
4sp	38	15	14,15	13	30	22	10	11	14	16	
	10	11	22	30	16	16	10	22		37	
	9		19	16		19	22		12	2	
EVDH2F	PowerPlex® Y Y23										
4sp	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16	22					
	9	12	19	16		22	11	12			
EZ8ACX	Yfiler®, GlobalFiler™										
4sp	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16						
							22		12	2	
F7AVLC	Yfiler®										
4sp	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16						
							22		12		
F9JZY2	Yfiler®, PowerPlex® Fusion 6C										
4sp	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16						
			19	16			22		12		
FBA8JX	PowerPlex® Fusion 6C										
4sp	10										
			19	16							
FDYE4U	PowerPlex® Fusion 6C										
4sp	10										
			19	16							
FE7XGW	Yfiler®, GlobalFiler™										
4sp	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16						
							22		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 4sp - YSTR Results

FJKBNB	Yfiler®, GlobalFiler™									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
FKBU9A	Yfiler®, PowerPlex® Fusion 6C									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
			19	16			22		12	
FKUMYL	Yfiler®									
4sp	15	14,15	13	30	22	10		14		
	11			16	16					
FXFVZT	PowerPlex® Y 23									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
		9	12	19	16		22	11	12	
FYBFPD	PowerPlex® Fusion 6C									
4sp						10				
			19	16						
G2WKXB	PowerPlex® Y Y23									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
		9	12	19	16		22	11	12	
GLLRFY										
4sp						10				
			19	16						
GMC6RQ	Yfiler®, GlobalFiler™									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
GMEM39	Yfiler®									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
GPZCGT	GlobalFiler™									
4sp						10				
										2
GUEZ3B										
4sp						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 4sp - YSTR Results

GV9TXU	Yfiler®									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
GXCQ6G	GlobalFiler™									
4sp						10				
										2
GYQYAB	Yfiler®, PowerPlex® Fusion 6C									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
			19	16			22		12	
H6AMHL	Yfiler®, GlobalFiler™									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
H6UDEC	GlobalFiler™									
4sp						10				
										2
H9DFEQ	GlobalFiler™									
4sp						10				
										2
HCCPTD	GlobalFiler™									
4sp						10				
										2
HHGLFJ	PowerPlex® Fusion									
4sp						10				
HL2BZW	PowerPlex® Fusion Fusion 6C									
4sp						10				
			19	16						
HN8XD2	PowerPlex® Y 23									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
		9	12	19	16		22	11	12	
HQBQ8Z	Yfiler®									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
			19	16			22		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 4sp - YSTR Results

HQVC3B	GlobalFiler™									
4sp	10									
	2									
HR3TRU	Yfiler®, GlobalFiler™									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
J6BPVW	PowerPlex® Fusion FUSION 6C									
4sp	10									
	19 16									
JAKAG9	Yfiler®									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
JBXN3W	PowerPlex® Y 23, GlobalFiler™									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
		9	12	19	16		22	11	12	2
JFAMKG	Yfiler®									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
JQ7QMQ	PowerPlex® Fusion 6C									
4sp	10									
	19 16									
JTC78B	PowerPlex® Y 23									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
		9	12	19	16		22	11	12	
JUTDFD	GlobalFiler™									
4sp	10									
	2									
K47YT7	PowerPlex® Y Y23									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
		9	12	19	16		22	11	12	
KBQWNL	GlobalFiler™									
4sp	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 4sp - YSTR Results

KCMGBK	PowerPlex® Y 23, PowerPlex® Fusion 6C										
4sp	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16	22					
	9	12	19	16		22	11	12			
KHR6B2	Yfiler®, GlobalFiler™										
4sp	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16						
							22	12	2		
KJMP6R	Investigator® 24plex QS										
4sp						10					
KLB9YX	PowerPlex® Y 23, GlobalFiler™, PowerPlex® Fusion 6C										
4sp	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16	22					
	9	12	19	16		22	11	12	2		
KPBDXC	PowerPlex® Fusion Fusion 6C										
4sp						10					
			19	16							
KQ66M4	Yfiler® PLUS, GlobalFiler™										
4sp	38	15	14,15	13	30	22	10	11	14	16	
	10	11	22	30	16	16	10	22	37		
	9		19	16		19	22	12	2		
L8H9F9	Yfiler®										
4sp	Not typed	15	14,15	13	30	22	10	11	14	16	
	10	11	22	Not typed	16	16	Not typed	Not typed	Not typed	Not typed	
	Not typed	Not typed	Not typed	Not typed	Not typed	Not typed	Not typed	22	Not typed	12	Not typed
L9GB9J	PowerPlex® Y 23, PowerPlex® Fusion 6C										
4sp	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16	22					
	9	12	19	16		22	11	12			
LB42LA	Yfiler®										
4sp	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16						
							22	12	2		
LGV94H	Yfiler®										
4sp	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16						
							22	12	2		
LH66PM	Yfiler®										
4sp	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16						
							22	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 4sp - YSTR Results

LJZQCL	Yfiler®, GlobalFiler™										
4sp	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16						
							22		12	2	
LK9XGZ	Yfiler®										
4sp	-	15	14,15	13	30	22	10	11	14	16	
	10	11	22	-	16	16	-	-	-	-	
	-	-	-	-	-	-	-	22	-	12	-
LP7DC3	Yfiler®										
4sp	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16						
							22		12		
LU4QZR	PowerPlex® Fusion 6C										
4sp							10				
			19	16							
LUYJPJ	PowerPlex® Y 23, PowerPlex® Fusion 6C										
4sp	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16		22				
	9	12	19	16			22	11	12		
LVYCTJ	Yfiler®, GlobalFiler™										
4sp	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16						
							22		12	2	
M6C4LK	Yfiler®										
4sp	-	15	14,15	13	30	22	10	11	14	16	
	10	11	22	-	16	16	-	-	-	-	
	-	-	-	-	-	-	-	22	-	12	-
MAC8JY	Yfiler®, GlobalFiler™										
4sp	15	14,15	13	30	22	10	11	14	16		
	10	11	22	16	16						
							22		12	2	
MBHPFA	GlobalFiler™										
4sp							10				
											2
MK7PPR	Yfiler®										
4sp	N/A	15	14,15	13	30	22	10	11	14	16	
	10	11	22	N/A	16	16	N/A	N/A	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	22	N/A	12	N/A
MLJ4BF	GlobalFiler™										
4sp							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 4sp - YSTR Results

MMGDN7	PowerPlex® Y 23										
4sp		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16		22			
		9	12	19	16			22	11	12	
N2RDVG	GlobalFiler™										
4sp							10				
											2
N6AT3M	Yfiler®										
4sp		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16					
								22		12	
NHGJ6V	PowerPlex® Fusion 5C, 6C										
4sp							10				
				19	16						
NJT7RF	Yfiler®										
4sp		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16					
								22		12	2
NKKGE3	PowerPlex® Fusion Fusion 6C										
4sp							10				
				19	16						
NTFE4Q	Yfiler®										
4sp	N/A	15	14,15	13	30	22	10	11	14	16	
	10	11	22	N/A	16	16	N/A	N/A	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	22	N/A	12	N/A
NVJAMU	Yfiler® Plus, GlobalFiler™										
4sp	38	15	14,15	13	30	22	10	11	14	16	
	10	11	22	30	16	16	10	22	-	37	
	-	9	-	19	16	-	19	22	-	12	2
NYZEGH	PowerPlex® Y Y23										
4sp		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16		22			
		9	12	19	16			22	11	12	
P68F7J	GlobalFiler™										
4sp							10				
											2
PCM7GC	GlobalFiler™										
4sp							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 4sp - YSTR Results

PEW7N6	GlobalFiler™									
4sp	10									
	2									
PFKPJB	PowerPlex® Y 23									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16	22				
	9	12	19	16		22	11	12		
PFN634	Yfiler®									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
PLEAYD	Yfiler®									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
PLYZZL	GlobalFiler™									
4sp	10									
	2									
PM6KLZ	PowerPlex® Fusion 6C									
4sp	10									
			19	16						
PRMXDF	Yfiler®									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
PU9K63	Yfiler®									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
PVJJ3W	PowerPlex® Y 23									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16	22				
	9	12	19	16		22	11	12		
PWU9JN	Yfiler®									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
PZW3P7	PowerPlex® Y 23, GlobalFiler™									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16	22				
	9	12	19	16		22	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 4sp - YSTR Results

Q4NZZG	Yfiler®, GlobalFiler™									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
QA2JNP	Yfiler®									
4sp	N/A	15	14,15	13	30	22	10	11	14	16
	10	11	22	N/A	16	16	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	22	N/A	12
										N/A
QA934C	Yfiler®, GlobalFiler™									
4sp	n/t	15	14,15	13	30	22	10	11	14	16
	10	11	22	n/t	16	16	n/t	n/t	n/t	n/t
	n/t	n/t	n/t	n/t	n/t	n/t	n/t	22	n/t	12
										2
QDG6JH	PowerPlex® Fusion 6C									
4sp							10			
				19	16					
QNXXKC	Yfiler®, GlobalFiler™									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
QTRVBN	PowerPlex® Y 23									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	11	12	
QX4TP4	GlobalFiler™									
4sp							10			
										2
QYEKTD	PowerPlex® Y 23									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	11	12	
R23E9T	PowerPlex® Fusion 6C									
4sp							10			
				19	16					
R9GDL6	GlobalFiler™									
4sp							10			
										2
RDU328	Yfiler®									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16,[17]	16,[17]					
							22		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 4sp - YSTR Results

RFJ8XK	Yfiler®, GlobalFiler™									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
RLNAJD	PowerPlex® Y 23, PowerPlex® Fusion 6C									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
		9	12	19	16		22	11	12	
RP9BR7	GlobalFiler™									
4sp						10				
										2
RQWTMC	GlobalFiler™									
4sp						10				
										2
TCD7BT	Yfiler® Plus									
4sp	38	15	14,15	13	30	22	10	11	14	16
	10	11	22	30	16	16	10	22		37
		9		19	16		19	22		12
TLK8AY	PowerPlex® Y 23									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
		9	12	19	16		22	11	12	
TRQU9U	PowerPlex® Y 23									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
		9	12	19	16		22	11	12	
TTZN29	Yfiler®									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
TVCCQE	PowerPlex® Fusion 6C									
4sp						10				
				19	16					
TW4B4D	Yfiler®, GlobalFiler™									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
U69Q3W	Yfiler®, GlobalFiler™									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		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 4sp - YSTR Results

U9D8LL	GlobalFiler™									
4sp	10									
<hr/>										
U9MN7D	Yfiler®, GlobalFiler™									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
<hr/>										
UBJVYQ	Yfiler® Plus									
4sp	38,38	15	14,15	13	30	22	10	11	14	16
	10	11	22	30	16	16	10	22	37	
		9		19	16		19	22	12	
<hr/>										
UBKPHW	Yfiler®									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
<hr/>										
UGNQJQ	GlobalFiler™									
4sp	10									
<hr/>										
UHVXC	PowerPlex® Y 23, PowerPlex® Fusion 6C									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
		9	12	19	16		22	11	12	
<hr/>										
UK4FR2	GlobalFiler™									
4sp	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
<hr/>										
UKLAKP	Yfiler®									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
<hr/>										
UMD9YM	GlobalFiler™									
4sp	10									
			19	16						
<hr/>										
UP3FJK	PowerPlex® Fusion Fusion 6C									
4sp	10									
			19	16						
<hr/>										
UQ6MBB	PowerPlex® Y 23									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
		9	12	19	16		22	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 4sp - YSTR Results

UTR7C9	GlobalFiler™									
4sp	10									
	2									
UTY63C	Yfiler®									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
UXC3AY	PowerPlex® Y 23, GlobalFiler™									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
		9	12	19	16		22	11	12	2
UZYN3M	PowerPlex® Fusion 6C									
4sp	10									
	19 16									
V66NQX	Yfiler®, PowerPlex® Fusion 6C									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
			19	16			22		12	
V9QJGW										
4sp	10									
	2									
VA2D86	GlobalFiler™									
4sp	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									
VAYPN7	GlobalFiler™									
4sp	10									
	2									
VC6AC7										
4sp	10									
	2									
VD36Q4	GlobalFiler™									
4sp	10									
	2									
VG66QZ	GlobalFiler™									
4sp	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 4sp - YSTR Results

VRZJLQ	PowerPlex® Y 23									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16	22				
	9	12	19	16		22	11	12		
VU9HUE	Yfiler®									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
W67TQR	Yfiler®									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
W6ZLFJ	PowerPlex® Y 23, PowerPlex® Fusion 6C									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16	22				
	9	12	19	16		22	11	12		
WDF8PM	GlobalFiler™, PowerPlex® Fusion 6C									
4sp						10				
			19	16						2
WEQEJ4	PowerPlex® Fusion									
4sp						10				
WM8LQ9	PowerPlex® Y Y23, PowerPlex® Fusion 6C									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16	22				
	9	12	19	16		22	11	12		
WRCMPG	GlobalFiler™									
4sp						10				
										2
WU6DW	PowerPlex® Y 23									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16	22				
	9	12	19	16		22	11	12		
X3TQAL	PowerPlex® Fusion 6C									
4sp						10				
			19	16						
XH4A48	PowerPlex® Y Y23									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16	22				
	9	12	19	16		22	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 4sp - YSTR Results

XLP8KB										
4sp										
	10									
	2									
XMH8DE	GlobalFiler™									
4sp										
	10									
	2									
XR9GMD	GlobalFiler™									
4sp										
	10									
	2									
XU24MV	GlobalFiler™									
4sp										
	10									
	2									
XUWVCM										
4sp										
	10									
	2									
XUZDER	Yfiler®, GlobalFiler™									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	2
XW8NBW	GlobalFiler™									
4sp										
	10									
	2									
XXFX6E	Investigator® 24plex QS									
4sp										
	10									
	2									
XXK6NA	PowerPlex® Y 23									
4sp	15	14,15	13	30		10	11	14	16	
	10	11	22	16	16		22			
		9	12	19	16		22	11	12	
XXV773	PowerPlex® Y Y23									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
		9	12	19	16		22	11	12	
Y3BRZU	Yfiler® Plus, GlobalFiler™									
4sp	38	15	14,15	13	30	22	10	11	14	16
	10	11	22	30	16	16	10	22		37
		9		19	16		19	22		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 4sp - YSTR Results

Y76ZU3	PowerPlex® Y 23, PowerPlex® Fusion 5C									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	11	12	
YB4A7Q	PowerPlex® Fusion 6C									
4sp				19	16		10			
YCE8LT	Yfiler®									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
YKMLKN	Yfiler®									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16					
							22		12	
YN8NDE	PowerPlex® Fusion Fusion 6C									
4sp				19	16		10			
YP2CVB							10			
										2
YWJU3Q	PowerPlex® Fusion									
4sp				19	16		10			
YYMK8K	PowerPlex® Y 23									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	11	12	
YZH72C	GlobalFiler™									
4sp							10			
										2
YZN9YW							10			
										2
Z764D7	PowerPlex® Y 23									
4sp	15	14,15	13	30	22	10	11	14	16	
	10	11	22	16	16		22			
	9	12	19	16			22	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 4sp - YSTR Results

Z76AA7	PowerPlex® Y 23										
4sp		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16		22			
		9	12	19	16			22	11	12	
Z7Y6N3	Yfiler®, GlobalFiler™										
4sp		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16					
								22		12	2
ZBYALG	PowerPlex® Y 23, GlobalFiler™										
4sp		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16		22			
		9	12	19	16			22	11	12	2
ZCQC9V	GlobalFiler™										
4sp							10				
											2
ZDMLM8	PowerPlex® Y 23										
4sp		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16		22			
		9	12	19	16			22	11	12	
ZGHJQ6	GlobalFiler™										
4sp							10				
											2
ZRLU2Z	PowerPlex® Y 23										
4sp		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16		22			
		9	12	19	16			22	11	12	
ZTZ8U4	Yfiler®										
4sp		15	14,15	13	30	22	10	11	14	16	
	10	11	22		16	16					
								22		12	2
ZYHMCf	Yfiler®										
4sp	N/A	15	14,15	13	30	22	10	11	14	16	
	10	11	22	N/A	16	16	N/A	N/A	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	22	N/A	12	N/A

## 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>
DYS391	6DV8AQ		10,10	10,10				10,10	10,10
DYS570	6DV8AQ		19,19	19,19					19,19
DYS576	6DV8AQ		16,16	16,16				16,16	16,16

# 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 4

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
22LKJ2	No	Yes	Yes	Yes	44874N	No	Yes	Yes	Yes
23KHZP	No	Yes	Yes	Yes	44LKKB	No	Yes	Yes	Yes
273XC3	No Interpretations Reported, DNA Analyzed for Database purposes only.				44NBN8	No	Yes	Yes	Yes
2A38HX	No	Yes	Yes	Yes	46DN66	No	Yes	Yes	Yes
2HGTQ2	No	Yes	Yes	Yes	46Y2QW	No	Yes	Yes	Yes
2J6BL8	No	Yes	Yes	Yes	4HKGUW	No	Yes	Yes	Yes
2KLF7Q	No	Yes	Yes	Yes	4JJGX3	No	Yes	Yes	Yes
2PCVQR	No	Yes	Yes	Yes	4Q4TXP	No	Yes	Yes	Yes
2Q8C8V	No	Yes	Yes	Yes	4QMERZ	No	Yes	Yes	Yes
2RGRT8	No	Yes	Yes	Yes	4RDPG9	No	Yes	Yes	Yes
2X8XVN	No	Yes	Yes	Yes	4WCW7C	No	Yes	Yes	Yes
32LTD8	No	Yes	Yes	Yes	4XK7YA	No	Yes	Yes	Yes
33DXJY	No	Yes	Yes	Yes	4YAJE7	No	Yes	Yes	Yes
34RKW8	No	Yes	Yes	Yes	62UT2D	No	Yes	Yes	Yes
37DDP2	No	Yes	Yes	Yes	62ZVZX	No	Yes	Yes	Yes
389PV3	No	Yes	Yes	Yes	6DV8AQ	No	Yes	Yes	Yes
3ACKCK	No	Yes	Yes	Yes	6EM4WY	No Interpretations Reported, DNA Analyzed for Database purposes only.			
3DUMG6	No	Yes	Yes	Yes	6ERPF	No	Yes	Yes	Yes
3RE3K4	No	Yes	Yes	Yes	6FURPA	No	No	Yes	Yes
3RTVWX	No	Yes	Yes	Yes	6HMGFH	No	Yes	Yes	Yes
3WQ3NM	No	Yes	Yes	Yes	6HN9C6	No	Yes	Yes	Yes
3YZBVL	No	Yes	Yes	Yes	6KQAAG	No	Yes	Yes	Yes
3ZPENT	No	Yes	Yes	Yes	6LYFKV	No	Yes	Yes	Yes
43AU7Z	No	Yes	Yes	Yes	6MU6TJ	No	Yes	Yes	Yes
43QYQJ	No	Yes	Yes	Yes	6NELDT	No	Yes	Yes	Yes



TABLE 4

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
6TJHWT	No	Yes	Yes	Yes	9TAWMF	No	Yes	Yes	Yes
6WNBQQ	No	Yes	Yes	Yes	9TUH8J	No	Yes	Yes	Yes
74X2R9	No	Yes	Yes	Yes	9VG6Z8	No	Yes	Yes	Yes
77M6KF	No	Yes	Yes	Yes	9YVMBW	No	Yes	Yes	Yes
7A2UUQ	No	Yes	Yes	Yes	9ZQ8ZG	No	Yes	Yes	Yes
7HYKGM	No	Yes	Yes	Yes	A7VE4Q	No	Yes	Yes	Yes
7QUKVF	No	Yes	Yes	Yes	AAG4N4	No	Yes	Yes	Yes
7XTABX	No	Yes	Yes	Yes	AEM72J	No	Yes	Yes	Yes
7YK8NW	No	Yes	Yes	Yes	AENR26	No	Yes	Yes	Yes
88WL9D	No	Yes	Yes	Yes	AFZQXZ	No	Yes	Yes	Yes
8BEUHY	No	Yes	Yes	Yes	AKWDQN	No	Yes	Yes	Yes
8BU8UN	No	Yes	Yes	Yes	AKXYHA	No	Yes	Yes	Yes
8C9FCP	No	Yes	Yes	Yes	AMHYJB	No	Yes	Yes	Yes
8EVYDM	No	Yes	Yes	Yes	ARVQMW	No	Yes	Yes	Yes
8LUXFW	No	Yes	Yes	Yes	AT9AUA	No	Yes	Yes	Yes
8LVNNZ	No	Yes	Yes	Yes	AVEUGA	No	Yes	Yes	Yes
8YNXJL	No	Yes	Yes	Yes	AXD2VR	No	Yes	Yes	Yes
8YZTUR	No	Yes	Yes	Yes	AXGGBD	No	Yes	Yes	Yes
94RBQH	No	Yes	Yes	Yes	AYWUYA	No	Yes	Yes	Yes
9AVEH3	No	Yes	Yes	Yes	B2HX88	No	Yes	Yes	Yes
9DVRYZ	No	Yes	Yes	Yes	B37G3D	No	Yes	Yes	Yes
9EZZLA	No	Yes	Yes	Yes	B4FLF3	No Interp	No Interp	Yes	Yes
9GU28G	No Interp	No Interp	No Interp	No Interp	B6XPXZ	No	Yes	Yes	Yes
9KFQTE	No	No	Yes	Yes	B77RZY	No	Yes	Yes	Yes
9M6XDC	No	Yes	Yes	Yes	B8ZHZL	No	Yes	Yes	Yes
9MMWJM	No	Yes	Yes	Yes	B9WQEX	No	Yes	Yes	Yes
9MPQYL	No	Yes	Yes	Yes	BAQLTT	No	Yes	Yes	Yes

TABLE 4

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
BD4J4M	No	Yes	Yes	Yes	EFMNFG	No	Yes	Yes	Yes
BE8UBQ	No	Yes	Yes	Yes	EHA34Q	No	Yes	Yes	Yes
BG8FPB	No	Yes	Yes	Yes	EM63XT	No	Yes	Yes	Yes
BHXHCQ	No	Yes	Yes	Yes	ENYKKN	No	Yes	Yes	Yes
BUXZEE	No	Yes	Yes	Yes	EPTHL3	No	Yes	Yes	Yes
BWY34F	No	Yes	Yes	Yes	ETND3G	No	No	Yes	Yes
BXUVT8	No	Yes	Yes	Yes	EV4LN6	No	Yes	Yes	Yes
C97FRU	No	Yes	Yes	Yes	EVDH2F	No	Yes	Yes	Yes
CJB8J9	No	Yes	Yes	Yes	EZ8ACX	No	Yes	Yes	Yes
CMP32R	No	Yes	Yes	Yes	F7AVLC	No	Yes	Yes	Yes
CNPW7R	No	Yes	Yes	Yes	F82Y78	No	Yes	Yes	Yes
CP2XNJ	No Interpretations Reported, DNA Analyzed for Database purposes only.				F9JZY2	No	Yes	Yes	Yes
CV7G6W	No	Yes	Yes	Yes	FBA8JX	No	Yes	Yes	Yes
D32WBF	No	Yes	Yes	Yes	FDYE4U	No	Yes	Yes	Yes
DC9HDP	No	Yes	Yes	Yes	FE7XGW	No	Yes	Yes	Yes
DDYU22	No	Yes	Yes	Yes	FJKBNB	No	Yes	Yes	Yes
DEEZE7	No	Yes	Yes	Yes	FK9UJG	No	Yes	Yes	Yes
DNJ7CE	No	Yes	Yes	Yes	FKBU9A	No	Yes	Yes	Yes
DQ9DWB	No	Yes	Yes	Yes	FKUMYL	No	Yes	Yes	Yes
DU63UA	No	Yes	Yes	Yes	FNUKYE	No	Yes	Yes	Yes
DVW7GP	No	Yes	Yes	Yes	FXFVZT	No	Yes	Yes	Yes
DYZWQP	No	Yes	Yes	Yes	FYBFPD	No	Yes	Yes	Yes
E2KWUC	No	Yes	Yes	Yes	G2WKXB	No	Yes	Yes	Yes
E7D7VX	No	Yes	Yes	Yes	GA72F9	No	Yes	Yes	Yes
E7GVXA	No	Yes	Yes	Yes	GE689T	No	Yes	Yes	Yes
EB83H4	No	Yes	Yes	Yes	GLLRFY	No	Yes	Yes	Yes
EBTQN6	No	Yes	Yes	Yes	GMC6RQ	No	Yes	Yes	Yes

TABLE 4

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
GMEM39	No	Yes	Yes	Yes	JQ7QM	No	Yes	Yes	Yes
GPZCGT	No	Yes	Yes	Yes	JTC78B	No	Yes	Yes	Yes
GUEZ3B	No	Yes	Yes	Yes	JUTDFD	No	Yes	Yes	Yes
GV9TXU	No	Yes	Yes	Yes	JYLA7P	No	Yes	Yes	Yes
GXCQ6G	No	Yes	Yes	Yes	K2L6ZC	No	Yes	Yes	Yes
GYQYAB	No	Yes	Yes	Yes	K47YT7	No	Yes	Yes	Yes
H2RDGZ	No	Yes	Yes	Yes	KBQWNL	No	Yes	Yes	Yes
H68YYL	No	Yes	Yes	Yes	KCKPJ4	No	Yes	Yes	Yes
H6AMHL	No	Yes	Yes	Yes	KCMGBK	No	Yes	Yes	Yes
H6UDEEC	No	Yes	Yes	Yes	KHR6B2	No	Yes	Yes	Yes
H9DFFQ	No	Yes	Yes	Yes	KJMP6R	No	Yes	Yes	Yes
HCCPTD	No	Yes	Yes	Yes	KLB9YX	No	Yes	Yes	Yes
HEZ8MJ	No	Yes	Yes	Yes	KNV92Y	No	Yes	Yes	Yes
HHGLFJ	No	Yes	Yes	Yes	KPBDXC	No	Yes	Yes	Yes
HL2BZW	No	Yes	Yes	Yes	KQ66M4	No	Yes	Yes	Yes
HLHQT6	No	Yes	Yes	Yes	L8H9F9	No	Yes	Yes	Yes
HN8XD2	No	Yes	Yes	Yes	L9GB9J	No	Yes	Yes	Yes
HQBQ8Z	No	Yes	Yes	Yes	LB42LA	No	Yes	Yes	Yes
HQVC3B	No	Yes	Yes	Yes	LGV94H	No	Yes	Yes	Yes
HR3TRU	No	Yes	Yes	Yes	LH66PM	No	Yes	Yes	Yes
HX9HD9	No	Yes	Yes	Yes	LJZQCL	No	Yes	Yes	Yes
HYR8ZA	No	Yes	Yes	Yes	LK9XGZ	No	Yes	Yes	Yes
J6BPVW	No	Yes	Yes	Yes	LP7DC3	No	Yes	Yes	Yes
JAKAG9	No	Yes	Yes	Yes	LU4QZR	No	Yes	Yes	Yes
JBXN3W	No	Yes	Yes	Yes	LUYJPJ	No	Yes	Yes	Yes
JFAMKG	No	Yes	Yes	Yes	LVYCTJ	No	Yes	Yes	Yes
JHCKQ4	No	Yes	Yes	Yes	LXHLHB	No Interpretations Reported, DNA Analyzed for Database purposes only.			

TABLE 4

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
LY9J2B	No	Yes	Yes	Yes	PQCU2C	No	Yes	Yes	Yes
M6C4LK	No	Yes	Yes	Yes	PRMXDF	No	Yes	Yes	Yes
M84Y9U	No	Yes	Yes	Yes	PU9K63	No	Yes	Yes	Yes
M9U322	No	Yes	Yes	Yes	PVJJ3W	No	Yes	Yes	Yes
MAC8JY	No	Yes	Yes	Yes	PWU9JN	No Interp	No Interp	Yes	Yes
MBHPFA	No	Yes	Yes	Yes	PZW3P7	No	Yes	Yes	Yes
MK7PPR	No	Yes	Yes	Yes	Q2NGP4	No	Yes	Yes	Yes
MLJ4BF	No	Yes	Yes	Yes	Q4NZZG	No	Yes	Yes	Yes
MMGDN7	No	Yes	Yes	Yes	Q4U2D4	No	Yes	Yes	Yes
MVRM4C	No	Yes	Yes	Yes	QA2JNP	No	Yes	Yes	Yes
N2RDVG	No	Yes	Yes	Yes	QA934C	No	Yes	Yes	Yes
N6AT3M	No	Yes	Yes	Yes	QBTMB6	No	Yes	Yes	Yes
NHGJ6V	No	Yes	Yes	Yes	QDG6JH	No	Yes	Yes	Yes
NJT7RF	No	Yes	Yes	Yes	QNXXKC	No	Yes	Yes	Yes
NKKGE3	No	Yes	Yes	Yes	QRFZMC	No Interp	No Interp	No Interp	No Interp
NPEFL7	No	Yes	Yes	Yes	QTRVBN	No	Yes	Yes	Yes
NTFE4Q	No	Yes	Yes	Yes	QX4TP4	No	Yes	Yes	Yes
NVJAMU	No	Yes	Yes	Yes	QYEKTD	No	Yes	Yes	Yes
NYZEGH	No	Yes	Yes	Yes	R23E9T	No	Yes	Yes	Yes
P68F7J	No	Yes	Yes	Yes	R3UGU9	No	Yes	Yes	Yes
PCM7GC	No	Yes	Yes	Yes	R9GDL6	No	Yes	Yes	Yes
PEW7N6	No	Yes	Yes	Yes	RDU328	No	Yes	Yes	Yes
PFKPJB	No	Yes	Yes	Yes	RFJ8XK	No	Yes	Yes	Yes
PFN634	No	Yes	Yes	Yes	RHTA2Q	No Interpretations Reported, DNA Analyzed for Database purposes only.			
PLEAYD	No	Yes	Yes	Yes	RLNAJD	No	Yes	Yes	Yes
PLYZZL	No	Yes	Yes	Yes	RP9BR7	No	Yes	Yes	Yes
PM6KLZ	No	Yes	Yes	Yes	RQWTMC	No	Yes	Yes	Yes

TABLE 4

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
RVGEZT	No	Yes	Yes	Yes	UZXN3M	No	Yes	Yes	Yes
T7UYXU	No	Yes	Yes	Yes	V66NQX	No	Yes	Yes	Yes
TCD7BT	No	Yes	Yes	Yes	V9QJGW	No	Yes	Yes	Yes
TLK8AY	No	Yes	Yes	Yes	VA2D86	No	Yes	Yes	Yes
TNPNVA	No Interpretations Reported, DNA Analyzed for Database purposes only.				VAYPN7	No	Yes	Yes	Yes
TRQU9U	No	Yes	Yes	Yes	VC6AC7	No	Yes	Yes	Yes
TTZN29	No	Yes	Yes	Yes	VD36Q4	No	Yes	Yes	Yes
TVCCQE	No	Yes	Yes	Yes	VG66QZ	No	Yes	Yes	Yes
TW4B4D	No	Yes	Yes	Yes	VRZJLQ	No	Yes	Yes	Yes
U69Q3W	No	Yes	Yes	Yes	VU9HUE	No	Yes	Yes	Yes
U8Y4PA	No Interpretations Reported, DNA Analyzed for Database purposes only.				W67TQR	No	Yes	Yes	Yes
U9D8LL	No	Yes	Yes	Yes	W6ZLFJ	No	Yes	Yes	Yes
U9MN7D	No	Yes	Yes	Yes	WDF8PM	No	Yes	Yes	Yes
UBJVYQ	No	Yes	Yes	Yes	WEQEJ4	No	Yes	Yes	Yes
UBKPHW	No	Yes	Yes	Yes	WM8LQ9	No	Yes	Yes	Yes
UFQBG2	No	Yes	Yes	Yes	WRCMPG	No	Yes	Yes	Yes
UGNQJQ	No	Yes	Yes	Yes	WU4HCP	No	Yes	Yes	Yes
UHVXXC	No	Yes	Yes	Yes	WU69NZ	No	Yes	Yes	Yes
UK4FR2	No	Yes	Yes	Yes	WU6DW	No	Yes	Yes	Yes
UKLAKP	No	Yes	Yes	Yes	X3TQAL	No	Yes	Yes	Yes
UMD9YM	No	Yes	Yes	Yes	XFGLUR	No	Yes	Yes	Yes
UP3FJK	No	Yes	Yes	Yes	XH4A48	No	Yes	Yes	Yes
UQ6MBB	No	Yes	Yes	Yes	XLP8KB	No	Yes	Yes	Yes
UTR7C9	No	Yes	Yes	Yes	XMH8DE	No	Yes	Yes	Yes
UTY63C	No	Yes	Yes	Yes	XNBTDX	No	Yes	Yes	Yes
UXC3AY	No	Yes	Yes	Yes	XR9GMD	No	Yes	Yes	Yes
					XU24MV	No	Yes	Yes	Yes

TABLE 4

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
XUWVCM	No	Yes	Yes	Yes	ZTZ8U4	No	Yes	Yes	Yes
XUZDER	No	Yes	Yes	Yes	ZYHMCF	No	Yes	Yes	Yes
XW8NBW	No	Yes	Yes	Yes					
XXFX6E	No	Yes	Yes	Yes					
XXK6NA	No	Yes	Yes	Yes					
XXV773	No	Yes	Yes	Yes					
Y3BRZU	No	Yes	Yes	Yes					
Y6KR62	No	Yes	Yes	Yes					
Y76ZU3	No	Inc	Yes	Yes					
YB4A7Q	No	Yes	Yes	Yes					
YCE8LT	No	Yes	Yes	Yes					
YKMLKN	No	Yes	Yes	Yes					
YN8NDE	No	Yes	Yes	Yes					
YP2CVB	No	Yes	Yes	Yes					
YWJU3Q	No	Yes	Yes	Yes					
YYMK8K	No	Yes	Yes	Yes					
YZH72C	No	Yes	Yes	Yes					
YZN9YW	No	Yes	Yes	Yes					
Z764D7	No	Yes	Yes	Yes					
Z76AA7	No	Yes	Yes	Yes					
Z7Y6N3	No	Yes	Yes	Yes					
ZBYALG	No	Yes	Yes	Yes					
ZCQC9V	No	Yes	Yes	Yes					
ZDMLM8	No	Yes	Yes	Yes					
ZGHJQ6	No	Yes	Yes	Yes					
ZJQPBK	No	Yes	Yes	Yes					
ZRLU2Z	No	Yes	Yes	Yes					

**DNA Interpretation****Response Summary****Participants reporting DNA results: 348**

*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)?*

	Victim (Item 1)		Suspect (Item 2)	
	<u>Item 3</u>	<u>Item 4</u>	<u>Item 3</u>	<u>Item 4</u>
Yes	<b>0</b>	<b>333</b>	<b>339</b>	<b>339</b>
No	<b>337</b>	<b>3</b>	<b>0</b>	<b>0</b>
Inc	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>
No Interpretation	<b>4</b>	<b>4</b>	<b>2</b>	<b>2</b>
No Response	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Participants analyzing DNA for database purposes only: 7

# Additional Comments

## TABLE 5

WebCode	Additional Comments
23KHZP	For Y-STR analysis Locus DYS391 for Items 3 and 4sp was analyzed using both the Yfiler kit and the GlobalFiler kit. Results were concordant across both kits. GlobalFiler Y-STR results for Item 4e at DYS391 and Y-Indel are 10 and 2 respectively.
2HGTQ2	NR = no result
2J6BL8	1) Item1 and Item2 were extracted using the in-situ extraction method. 2) Item3 and Item4 were extracted using the Chelex method and quantification was carried out using the Quantifiler Human DNA Quantification kit. 3) Y-STR was carried out for Item2, Item3 and Item4 using the AmpFiSTR Y-Filer kit. 4) Item1 and Item2 were amplified using Identifiler Direct STR kit. 5) Item3 and Item4 were amplified using Identifiler Plus STR kit. 6) Electrophoresis was carried out using 3130xl Genetic Analyzer. 7) Reagent Blank, Positive Control and Negative Control were also incorporated throughout the analysis and gave correct designated result.
2PCVQR	NR = Not Reportable
2X8XVN	NR = no results. Identifiler Plus & Fusion 6C overlapping loci concordant. Forensic Biology analyst performed body fluid testing.
37DDP2	NR = no results at this locus
3RTVWX	Minifiler data concordant with overlapping loci from IdentPlus.
3WQ3NM	DYS391 results were concordant with both Globalfiler and Yfiler for items 3 and 4sp. In addition, the result at DYS391 for item 4e is 10 and the result at Yindel for this item is 2.
3YZBVL	KM testing performed by DNA analyst; all other serological testing performed by member of Forensic Biology unit. All overlapping loci where results were generated between Identifiler Plus, Yfiler, and Fusion 6C data were concordant. NR= No results.
43QYQJ	NR - No Result
44LKKB	A peak was deemed inconclusive [INC] at SE33 in sample Item4-Ep. This peak was too far over the stutter filter to be considered elevated stutter and did not appear to be another type of artifact. This peak was also the only indication of a possible third contributor to the mixture, so it was designated an inconclusive peak.
44NBN8	No entry was made at DYS391 for Item 1 because no results were obtained from the female sample. With printed version of data sheet the allele entries for Item 4 "e" fraction are broken to second line after 11th character entry. For example, at D1S1656, unable to enter hard return to get allele entry for 17.3 on one line---appears as 1st line: 17, 2nd line: .3
4Q4TXP	For DYS391, Yfiler and GlobalFiler data results are concordant for Items 2, 3 and 4.
4WCW7C	Inconclusive allele detected at SE33 for Item-4_sp is a possible tri-allele and/or minus-stutter.
6DV8AQ	Item 1.4 epithelial fraction: possible drop-out of male contributor at DYS570. This is explainable as this is the non-sperm/epithelial fraction of the sample. This locus is not dropping out in the sperm fraction of the sample. This locus is only used to aid in sex determination and possible number of contributors to a mixture.
6FURPA	Only seminal fraction of differential extraction profiled. Additional components present in DNA profiling results for items 3 and 4.
6KQAAG	The minor component of the sperm/substrate fraction from Item 4 (B3-4) was not suitable for comparison/interpretation because of insufficient DNA (as per our SOP). Therefore, minor component alleles were not included in the STR data sheet.



TABLE 5

WebCode	Additional Comments
6MU6TJ	All of our sexual assault kits are screened in the forensic biology unit prior to being processed in the DNA unit. Identifiler Plus & Fusion 6C results concordant. NR = no results.
6WNBQQ	3, 4e, and 4sp were amplified with both Globalfiler and Minifiler. All results were concordant.
74X2R9	[INC]- Inconclusive (33.2) at SE33 may be possible elevated stutter due to a large allele or may be part of a possible tri-allelic pattern.
7QUKVF	Item 3, elevated stutter (n-4) at SE33 (33.2 at 14.6%). Item 4 epithelial fraction, elevated stutter (n+/-4) at D8S1179 (at 14). Item 4 epithelial fraction, elevated stutter (n-4) at SE33 (33.2 at 22.5%).
7XTABX	The PPY23 and Fusion 6C kits have 3 of the same Y-STR loci: DYS391, DYS570, and DYS576. The PPY23 and Fusion 6C results for Items 2, 3, and 4e/4sp are concordant at these loci between the two kits.
8BEUHY	Concordant results were obtained at DYS391 for item 3 and item 4sp using the Yfiler and GlobalFiler amplification kits. DYS391 results for Item 4e is allele 10. Y-Indel results for item 4e is 2.
8BU8UN	NR = No results obtained. Identifiler plus results are concordant with the Globalfiler results. When samples were typed using y-filer and global filer, the locus DYS391 was concordant in all samples.
8EVYDM	NR = No Result
94RBQH	Suspect 2 reference and donor to items 3 and 4(sp) had elevated stutter position at SE33 (33.2).
9EZZLA	DNA from at least two contributors is present in the sample identified as Item 4. The Suspect (Item 2) cannot be excluded as a contributor to the autosomal STR profile observed in Item 4. The Item 2 profile is present as minor alleles in the epithelial fraction based on peak intensity of amplified DNA that were present below the laboratory's reporting threshold level, however, Item 2 profile is the sole species detected on the sperm fraction. Greater sensitivity of the Y-STR amplification kit clearly identified Item 2 Y-DNA profile as the only male profile in both the epithelial and sperm fractions.
9GU28G	No interpretations performed. Proficiency used for screening purposes only.
9MMWJM	In Item 4, epithelial fraction, the 15 allele at D3S1358 was possibly being filtered out as stutter. This locus was dropped for stats. Possible elevated n-4 stutter from SE33 allele 34.2 in Item 3 and Item 4s.
9MPQYL	NR = no result
9TUH8J	Minifiler results were concordant with Globalfiler results except in Item 4-e fraction at D16S539 where an additional 9 allele was detected.
AAG4N4	INC=inconclusive allele observed at SE33 for the forensic unknowns of Item-3, Item-4 EP and Item-4 SP, and the Item-2 reference when the FU6 amp protocol is used. This allele call is possibly due to high N-1 repeat stutter at SE33 that has overcome the GMID stutter filter/ possible imbalanced triallele. The Item-2 profile amplified using the FU6 amp protocol is the profile reported to CTS in this proficiency test.
AXGGBD	1) In-situ extraction method was used to extract DNA from Item 1 and Item 2. 2) Chelex extraction method was used to extract DNA from Item 3 and 4. 3) DNA quantitation was carried out using the Quantifiler Human DNA Quantification Kit with Applied Biosystems Real Time Polymerase Chain Reaction (PCR) 7500 System. 4) Amplification of STR (Short Tandem Repeat) Genetic Loci was carried out using the AmpFISTR Identifiler Plus and Direct PCR Amplification Kit. 5) Amplification of Y-STR (Short Tandem Repeat) Genetic Loci was carried out using the AmpFISTR Y-Filer PCR Amplification Kit. 6) Capillary electrophoresis was carried out using the Applied Biosystems 3130xl Genetic Analyzers with GeneMapper ID Software. 7) Reagent blank, positive control and negative control were carried out throughout the analysis.
B4FLF3	Only Y-STR analysis was performed. The female victim's reference (item 1) was not amplified; therefore, no interpretations or comparisons were made for this item. No Y-STR results were obtained for the substrate controls.

TABLE 5

WebCode	Additional Comments
B9WQEX	The sample from item 3 was extracted differentially. This was done for sake of efficiency only. The 'sperm' fraction was expected to be low in quantity and produce partial results due to spillover from the 'epithelial' fraction. The Identifiler Plus amplification produced a partial DNA profile which was not suitable for comparison purposes. The Identifiler Plus amplification consumed the entire 'sperm' fraction and therefore there was no 'sperm' fraction leftover for amplification using Yfiler Plus. The absence of a complete Identifiler Plus profile and the absence of a Yfiler Plus profile in the 'sperm' fraction does not impact the interpretation of the results and conclusions made.
BAQLTT	NR = No results
BD4J4M	The results at locus DYS391 are concordant between GlobalFiler and Y-Filer for items 3 and 4 SP. In addition, the result at DYS391 for item 4e is 10 and the result at Y Indel for this item is 2.
BG8FPB	Noticed elevated stutter for sample 4. Stutter located at SE33, called a 33.2 allele.
BUXZEE	F6C = Fusion 6C. NR = no result. Screening tests performed by qualified Forensic Biologist; samples transferred to DNA analyst per policy. Concordant results generated with Identifiler Plus and Fusion 6C at overlapping loci with the following exception for #4(e): IDP: TH01: 6,9; D2S1338: 16,17,18,24; D19S433: 13,14; D18S51: 12,13,14,15. F6C: TH01: 6; D2S1338: 16,17,18; D19S433: 13,14,15.2; D18S51: 12,14,15. [From Table 1, Screening Tests - Item 3: "*AP test inconclusive due to transfer of reddish-brown color of stain when swabbing."]
BXUVT8	PSA testing was done to determine whether Items 3 and 4 should be extracted Differential or Non-Differential, Item 3 was PSA negative and Item 4 was PSA positive.
CP2XNJ	NR = No Results. Concordant Results for all loci that overlap between Identifiler Plus and PowerPlex Fusion 6C kits.
CV7G6W	1) Item 1 and Item 2 were extracted by using the in-situ extraction method. 2) Item 3 and Item 4 were extracted by using Chelex method. 3) Item 3 and Item 4 were quantified by using Quantifiler Human DNA Quantification Kit. 4) Item 1 and Item 2 were amplified by using Identifiler Direct STR Kit. 5) Item 3 and Item 4 were amplified by using Identifiler Plus STR Kit. 6) Y-STR analysis was carried out on Item 2, Item 3 and Item 4. 7) Electrophoresis was carried out by using 3130xl Genetic Analyzer. 8) Reagent blank, Positive control and Negative control were incorporated throughout the analysis and gave correct designated result.
DDYU22	The reference sample for Item 2 and the matching profile from Item 4Sp had a possible elevated stutter peak at SE33. This peak was marked as INC in the event that it is a third allele at the locus.
DQ9DWB	Powerplex Y23 sample processing was conducted on the following items: Items 2, 3, 4. Y-STR analysis and interpretation was not conducted.
DU63UA	Separation and detection was on the ABI 3130xl Genetic Analyzer and analysis was by GeneMapper® ID v3.2.1
DVW7GP	For Item 1 at Y Indel and DYS391, NR = No Results
E7GVXA	For item 4, the blood stain was tested (with no differential extraction) - this is the result shown for 'ef'. The semen staining was subjected to differential extraction and the seminal fraction was processed- this result is shown as 'sf'. The epithelial fraction of the differential extraction was not processed.
EBTQN6	NT = Not tested
F9JZY2	All overlapping YSTR loci concordant. Overlapping loci with ID+ and PPFusion 6C concordant with two minor differences in item 4E at D3S1358 and D19S433. D3: ID+ 15,16,17 Fusion 16,17 (15 allele filtered out as stutter). OK. D19: ID+ 13,15.2 (14 below analytical threshold) Fusion 13,14,15.2. OK.
FJKBNB	Globalfiler and Yfiler results were concordant at DYS391 for items 3 and 4sp. The following allele was detected at the Y-indel marker for item 4e: 2. The following allele was detected at DYS391 for item 4e: 10.

TABLE 5

WebCode	Additional Comments
FKBU9A	Results for overlapping loci between F6C and YF and between F6C and IDP were concordant with one exception for the D19 locus result for the epithelial fraction of sample #4, IDP had no detected 15.2 allele from the minor contributor. KM performed by [Initials]. *Serology Test performed by Forensic Biologist [Initials]. NR = No Results.
FNUKYE	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.
GA72F9	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 contains an elevated stutter peak which is being reported to the vendor but which has been modeled as stutter probabilistically during interpretation at the following locus: SE33, 33.2.
H68YYL	Overlapping loci between Minifiler and Identifiler Plus kits are concordant for Item 3.
H6UDEC	NR = No result
HCCPTD	NR = No Result / Not reportable
HL2BZW	Items 3 and 4 had inconclusive alleles that could not be ruled out as N-1 repeats or alleles.
J6BPVW	[INC] in SE33 for Item 3 and Item 4Ep is an inconclusive allele which is due to elevated stutter and/or possible triallelic.
KCKPJ4	Item 4 had a bloodstain which was sampled and which gave a mixed DNA result. In my opinion there are x2 significant contributors to this result, Victim and Suspect.
KLB9YX	PSA testing was performed on Items 3 (negative) and 4 (positive) to see what extraction type to perform
KUZ24H	For serology only.
LH66PM	1. Item 1 and Item 2 were extracted in situ and proceed with amplification using AmpFISTR Identifiler Direct Kit. 2. Item 3 and Item 4 were extracted using chelex extraction method and quantified using the Quantifiler Human DNA Quatification kit on 7500 Real Time PCR System.. 3. Item 3 and Item 4 were amplified using AmpFISTR Identifiler Plus Kit. 4. Y-STR analysis did not carried for Item 1. 5. Y-STR analysis was carried out for Item 2, Item 3 and Item 4 using the AmpFISTR Y-Filer kit. 6. Item 1 to Item 4 were run electrophoresis using Genetic Analyzer 3130xl. 7. Reagent Blank, positive control and negative control were carried out together along the processes and gave designated result.
LK9XGZ	Using chelex extraction to extract Item 3 and Item 4.
LTK63V	Analyst is only qualified in blood and sexual assault serology, therefore only screening tests were conducted. No analysis was conducted on items 1 and 2 because they are known sources, therefore no serology was required.
LXHLHB	I am only trained in databasing, therefore my data interpretation is limited to allele calls.
LY9J2B	Note on Item 4 the mixture reads both victim and suspect.
M6C4LK	1. Item1 and Item2 were extracted using in-situ extraction method. 2. Item3 and Item4 were extracted using Chelex method and quantification was carried out using the Quantifiler Human DNA Quantification kit on 7500 Real Time PCR system. 3. Item1 and Item2 were amplified using AmpFISTR Identifiler Direct kit. 4. Item3 and Item4 were amplified using AmpFISTR Identifiler Plus kit. 5. Y-STR was not carried out on Item1. 6. Y-STR was carried out on Item2, Item3 and Item4 using the AmpFISTR Y-Filer kit. 7. Electrophoresis was carried out using Genetic Analyzer 3130xL. 8. Reagent Blank, Positive Control and Negative Control were incorporated throughout the analysis and gave designated result.
M84Y9U	DNAS-17-0403-004-EF WITH ELEVATED STUTTERS AT LOCI: D8S1179, D13S317 AND TPOX.

TABLE 5

WebCode	Additional Comments
MAC8JY	Due to ongoing inhibition issues with CTS samples, swabs were used to collect portions of the stains for DNA analysis. Therefore, a number one was added to items 3 (as item 3-1) and 4 (as item 4-1) for processing and reporting of the samples.
MK7PPR	ARTIFACT WAS OBSERVED AT APPROXIMATELY 210 BASE PAIR ON THE FOLLOWING SAMPLES: ITEM 3 AND ITEM 4E AND ITEM 4SP. THESE ARTIFACTS DOES NOT AFFECT ALLELE DESIGNATION.
NHGJ6V	PSA testing was performed to determine whether a differential extraction should be performed. Item 3.1 was PSA negative, so a non-differential extraction was performed, while Item 4.1 was PSA positive, so a differential extraction was performed. The serology testing is not of this proficiency test.
NTFE4Q	ITEM 1, MARKER TPOX AND D5S818 AN ELEVATED STUTTER WAS DETECTED. ITEM 4 EPITHELIAL FRACTION, AN ELEVATED STUTTER WAS DETECTED IN TPOX.
PEW7N6	NR = No result
PWU9JN	No Y-STR results were obtained for the substrate controls.
Q2NGP4	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.
Q4U2D4	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.
QA934C	Item #2 (Globalfiler and Yfiler) - DYS391 = 10. Item #3 (Globalfiler and Yfiler) - DYS391 = 10. Item #4sp (Globalfiler and Yfiler) - DYS391 = 10. Item #4e (Globalfiler and Yfiler) - DYS391 = 10. n/t = not tested. n/r = no results obtained at locus (ex. female Globalfiler sample). At all overlapping loci Globalfiler and Identifiler Plus results were concordant for all samples (#1,2,3,4).
QRF7X4	This scientist is trained only in blood screening.
QX4TP4	NR = No Result
TW4B4D	Globalfiler and Yfiler results at DYS391 are concordant for items 3 and 4sp. Additional Globalfiler results for item 4e are: DYS391 is 10 and Y-Indel is 2.
U69Q3W	Items 3, 4SP, and 2 were typed in both Globalfiler and Yfiler Alleles at DYS391 were concordant between both kits. Item 4E was also typed in Globalfiler and had results at DYS391 "10" and Y-indel "2".
UGNQJQ	The minor component from the sperm/substrate fraction of Item 4 (B3-4) was not interpretable due to insufficient DNA (as per our SOP) therefore the minor component is not included on the chart. Artifact could not be separated from a possible true allele (A/TA) in the minor component of the sperm/substrate fraction from item 4 at the following loci: FGA, D13S317, D7S820 and SE33
UK4FR2	NR = No results. NT = Not tested. At the overlapping loci concordant results were obtained using the ID Plus PCR Amp Kit.
UKLAKP	NT = Not Tested
UP3FJK	Item 3, Item 4-Ep, Item 4-Sp: An inconclusive peak in bin 33.2 at SE33 in all three profiles. Unclear whether it is an elevated N-1 stutter or a possible tri-allele.
UTR7C9	NR = No Results obtained. For Items 3 & 4 screening, a-HuHb was via Hematrace and Ouchterlony.
UXC3AY	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: 3.
UZNX3M	Used STRmix for analysis - Item 4NS mixture ratio was 89%/11%

TABLE 5

WebCode	Additional Comments
VA2D86	Probabilistic genotyping (STRmix) used for data analysis with stutter peaks unfiltered. Alleles comprising genotype combinations with total weightings of 99% or greater reported. Item #1 (victim) could not be excluded from the major DNA profile obtained from the epithelial fraction of item #4 (underwear); however, item #1 (victim) is excluded from the sperm fraction of item #4 (underwear). NT = Not tested. NR = No result obtained.
WDF8PM	PSA testing was done to determine whether items 3 and 4 should be extracted differential or non-differential. Item 3 was PSA negative and item 4 was PSA positive. * inconclusive for the presence of additional allele(s)
XFGLUR	NR = No results. Bench analyst only competent in non-differential method. Therefore, no differential was perform on Item #4.
XNBTDX	Victim shirt sperm fraction (Item 3) results are consistent with carryover of non-sperm (EC) fraction. No sperm were observed.
XUWVCM	Elevated stutter in sperm fraction of item 4 at SE33 (33.2 allele at 16.07%) along with n-8 stutter at D10S1248 (13 allele at 2.49%). Elevated stutter in item 2 at D7S820 (8.42%).
XUZDER	Globalfiler and Yfiler results at DYS391 are concordant for items 3 and 4sp. Additional Globalfiler results for item 4e are: DYS391 is 10 and Y-Indel is 2.
XXFX6E	Selected Investigator 24 QS for Item 1 under Y-Amplifications kits used, as DYS391 was amplified however no results were obtained as it is a female sample.
XXV773	Item 4: epithelial fraction: alleles foreign to victim are consistent with carry-over from the sperm fraction. sperm fraction: alleles foreign to suspect are consistent with carry-over from the epithelial fraction.
Y3BRZU	NR = No result
Z764D7	Item 2, item 3 and item 4- Overlapping loci between Powerplex Fusion 5C, Powerplex Fusion 6C and Powerplex Y23: DYS391 = 10. Item 2, item 3 and item 4- Overlapping loci between Powerplex Fusion 6C and Y23: DYS576 = 16 and DYS570 = 19
ZCQC9V	The ID Plus typing results are concordant with the GF typing results at the overlapping loci. N/R = No typing results
ZGHJQ6	NR = No typing results
ZJQPBK	Sample 4e at D8S1179 - Elevated stutter due to +4/-4 position (15%) noted resulting in a 14 allele that was removed.
ZYHMCf	ITEM 1 , ELEVATED STUTTER IN D5S815

# Appendix: Data Sheet

Collaborative Testing Services ~ Forensic Testing Program

## **Test No. 17-5703: Forensic Biology**

DATA MUST BE RECEIVED BY June 19, 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 who was involved in an altercation with a male in the backroom of a club. The victim claimed that the male was being aggressive towards her, and after grabbing her by the waist and thighs several times, the female victim punched the male suspect in the face, breaking his nose and causing a nosebleed. The male suspect then attacked the victim, subduing her and forcing her into vaginal intercourse. After the victim reported the incident, a male matching the description of the suspect was apprehended several blocks away from the nightclub. Stains were noted on the outside of the victim's shirt (Item 3) and on the victim's underwear (Item 4), which are now being submitted by investigators along with known blood samples from the female victim and male suspect.

#### Items Submitted (Sample Pack B3):

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

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

Page 1 of 9

**Part I: SCREENING TESTS**

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

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

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

Test	Abbreviation	Test	Abbreviation
Acid Phosphatase	AP	Ortho-tolidine	O-tol
Alternate Light Source	ALS	Phenolphthalein-Tetramethyl benzidine	PTMB
Kastle Meyer	KM	Prostate Specific Antigen	PSA
Leucomalachite Green	LMG	Tetramethyl benzidine	TMB
Microscopic	Micro		

**Example**

Please indicate the Test(s) Performed on the corresponding line for each type of screening.

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

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

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

**Part II: DNA ANALYSIS**

**DNA Analysis Instructions:**

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

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

<b>Example</b>	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818	
<b>A</b>	<i>e</i>	10,11	15,16	8	12,13	7	8
	<i>sp</i>	12,13	15,17	8,17	11	14,15	11,13
<b>B</b>	[10],[11],12,13	15,[16],17	8,17	[11],12,13	7,14,15	8,11,13	

**\*\*Please note Data Sheet Changes\*\***

The data sheet has been updated to include the GlobalFiler™ and PowerPlex® Fusion amplification kits. The sheet has also been updated to include the Next Generation Sequencing Kit ForenSeq™ and the associated STR and YSTR loci.

The YSTR section has also been expanded to include all of the YFiler® Plus loci.

For the amplification kits that contain both STR and YSTR loci, please select the corresponding kit in the YSTR section, and enter the YSTR results in this section.

If a locus is not listed on the following pages of this data sheet, use the "Additional DNA Results" table below to report those results.

**Additional DNA Results:**

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

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

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



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

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

Identifiler® \_\_\_\_\_
  PowerPlex® \_\_\_\_\_
  Investigator® 24plex \_\_\_\_\_  
 GlobalFiler™ \_\_\_\_\_
  COfiler®/Profiler Plus® \_\_\_\_\_
  ForenSeq™ Other \_\_\_\_\_

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

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

Yfiler® \_\_\_\_\_
  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="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>ITEM</b>	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>ITEM</b>	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	Y GATA H4	Y Indel
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please return all pages of this data sheet.

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

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

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

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

<b>ITEM</b>	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
<b>2</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>ITEM</b>	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
<b>2</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>ITEM</b>	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
<b>2</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

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

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

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

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

<b>ITEM</b>	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	DYS437
<b>2</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>ITEM</b>	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
<b>2</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

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

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

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

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

Yfiler® \_\_\_\_\_
  PowerPlex® 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 For Item** Please check all the brands that apply for this item and record only additional kit specific information in the blank provided (i.e. 16, Direct, etc.).

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

Yfiler® \_\_\_\_\_
  PowerPlex® 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"/>

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**Part III: DNA INTERPRETATION**

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

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

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

**Part IV: ADDITIONAL COMMENTS**

Comments regarding any part of this Forensic Biology Test.

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

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

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**Return Instructions:** Data must be received via online data entry, fax (please include a cover sheet), or mail by **June 19, 2017** to be included in the report. Emailed data sheets are not accepted.

QUESTION? ONLINE DATA ENTRY: [www.cts-portal.com](http://www.cts-portal.com)  
 TEL: +1-571-434-1925 (8 am - 4:30 pm EST) FAX: +1-571-434-1937  
 EMAIL: [forensics@cts-interlab.com](mailto:forensics@cts-interlab.com) MAIL: Collaborative Testing Services, Inc.  
[www.ctsforensics.com](http://www.ctsforensics.com) P.O. Box 650820  
 Sterling, VA 20165-0820 USA

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

Collaborative Testing Services - Forensic Testing Program

**RELEASE OF DATA TO ACCREDITATION BODIES**

The following Accreditation Releases will apply only to:

Participant Code:

WebCode:

for Test No. **17-5703: Forensic Biology**

This release page must be completed and received by **June 19, 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) \_\_\_\_\_

**Accreditation Release**

**Return Instructions**

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

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

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