



Forensic Biology Test No. 17-5706 Summary Report

Each participant received a sample pack consisting of two known bloodstains and two questioned stains which they were requested to analyze using their existing protocols. Data were returned from 338 participants 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, grey material (Item 3) and one on clean, yellow material (Item 4). Participants were requested to analyze these items using their existing protocols.

SAMPLE PREPARATION: The stains in Items 1, 2, 3, and 4 were prepared from human whole blood which was either drawn into citric acid preservative blood bags or EDTA tubes. Item 1 (75 μ l) was prepared using blood collected from a male donor. Item 2 (75 μ l) was prepared using blood collected from a male donor different from the donor used for Item 1. Item 3 (50 μ l) was a 1:1 mixture that was prepared using blood from the Item 1 male donor and blood collected from a third party female donor whose known blood standard was not provided. Item 4 (50 μ l) was a 1:1 mixture that was prepared using blood from the Item 1 male donor and blood from the Item 2 male donor. Stains from different sources were prepared at separate times and were packaged once they were thoroughly dried. Completed sample sets were stored at -20°C until shipment on October 17, 2017 following completion of verification stage.

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

VERIFICATION: All pre-distribution laboratories confirmed the manufacturer's expected associations. Allelic results were consistent for all STR and YSTR loci with the exception of the D7S820 locus at Item 4. After an investigation, no changes were deemed necessary prior to distribution.

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	
1	15,17	18,24	10,10	15,17	*	11,12
	15,18	10,14	13,13	*	13,14	15,18
	9,12	12,12	*	17,22	12,2,14	*
	29,30	16,16	X,Y	11,12	25,26	6,10
	9,11	23,2,29,2	6,9,3	9,11	16,17	
2	14,17,3	19,23	10,11	15,15	*	12,13
	12,17	8,10	12,15	*	14,14	20,20
	11,12	13,13	*	17,20	12,14	*
	29,30	10,12	X,Y	9,11	21,24	2,2,5
	5,16	11,2,22	7,7	8,8	16,16	
3	12,15,15,3,17	18,24	10,10	15,16,17	*	11,12
	11,15,18	9,10,12,14	13,14,16	*	13,14,15,16	15,18,19,3,21
	8,9,12,13	12,13	*	15,16,17,22	12,2,13,2,14	*
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23,2,28,2,29,2	6,7,9,3	8,9,11	16,17,18	
4	14,15,17,17,3	18,19,23,24	10,11	15,17	*	11,12,13
	12,15,17,18	8,10,14	12,13,15	*	13,14	15,18,20
	9,11,12	12,13	*	17,20,22	12,12,2,14	*
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2,2,5,6,10
	5,9,11,16	11,2,22,23,2,29,2	6,7,9,3	8,9,11	16,17	

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
1	36,36	14	11,14	13	29	24	11	13	13	14	
	9	13	18	29	15	15	10	22	*	38	
	*	12	13	17	18	*	22	24	10	11	2
2	36,39	15	16,17	13	30	22	10	11	13	14	
	11	11	21	35	15	16	11	26	*	37	
	*	11	12	14	16	*	19	22	12	10	2
3	36,36	14	11,14	13	29	24	11	13	13	14	
	9	13	18	29	15	15	10	22	*	38	
	*	12	13	17	18	*	22	24	10	11	2
4	36,39	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	29,35	15	15,16	10,11	22,26	*	37,38	
	*	11,12	12,13	14,17	16,18	*	19,22	22,24	10,12	10,11	2

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

Summary Comments

The 17-5706 Forensic Biology test was designed to allow participants to assess their proficiency in the identification and comparison of dried stains by means of body fluid screening and/or DNA profiling. Participants were supplied with two "known" bloodstains (Items 1 and 2) and two "questioned" stains (Items 3 and 4). Item 1 was created using blood collected from a male donor. Item 2 was created using blood collected from a second male donor. Item 3 was a 1:1 mixture of blood from the Item 1 male and blood collected from a female donor whose known standard was not provided. Item 4 was a 1:1 mixture of blood from the Item 1 male donor and blood from the Item 2 male donor. (See Manufacturer's Information for preparation details)

Data were returned by a total of 338 participants.

Screening Test Results:

Screening results were returned by a total of 326 participants.

For Item 3, all 318 participants that returned results reported "Positive" for the presence of blood. For the presence of semen, all 134 participants that returned results reported "Negative". There were 72 participants that returned "Negative" results for the presence of saliva, while one participant reported "Inconclusive".

For Item 4, all 318 participants that returned results reported "Positive" for the presence of blood. For the presence of semen, all 133 participants that returned results reported "Negative". There were 73 participants that returned "Negative" results for the presence of saliva, while one participant reported "Inconclusive".

DNA Analysis Results:

Of the 327 participants that returned DNA results, 11 did not report any DNA interpretations. Of these, seven stated that they analyzed samples for database purposes only.

For the Item 3 stain, 315 participants included the victim (Item 1) as a possible contributor, while one participant excluded the victim (Item 1). There were 315 participants that excluded the suspect (Item 2) as a possible contributor, while one participant (the one who excluded the victim) included the suspect (Item 2). This participant had reversed their reported results for Items 1 and 2. (See below.)

For the Item 4 stain, all 316 participants that returned results included both the victim (Item 1) and suspect (Item 2) as possible contributors to the stain.

Twenty six participants reported allelic results that differed from the consensus/predistribution results. Of these, 15 reported additional alleles at one or more loci. There were six participants that reported inconsistent loci at one or more loci. One of the participants reported the Item 1 profile for Item 2 and vice versa for Item 1. Finally, there were five participants that were missing alleles at one or more loci.

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

Key for Screening Tests Used

Participants were asked to use, where possible, the following chart of abbreviated screening test names. This was not an all inclusive list and was not designed to determine what tests should be performed. Participants were advised that tests not on this list may be used for screening.

Test	Abbreviation
Acid Phosphatase	AP
Kastle Meyer	KM
Leucomalachite Green	LMG
Microscopic	Micro
Ortho-tolidine	O-tol
Phenolphthalein-Tetramethyl	PTMB
Prostate Specific Antigen	PSA
Quantiblot	QB
Quantifiler	QF
Tetramethyl benzidine	TMB

Serology Screening Results

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

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
2CUZLV					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
2LGYEL					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
2NMJZ2					
Item 3	Pos	O-tol	NT	NT	
Item 4	Pos	O-tol	NT	NT	
2QDQHC					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
2U94W9					
Item 3	Pos	KM	Neg AP, ALS	NT	
Item 4	Pos	KM	Neg AP, ALS	NT	
2UEPZW					
Item 3	Pos	KM			
Item 4	Pos	KM			
334WV8					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
368U3U					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
369FZV					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
38BKBU					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
3AL6HJ					
Item 3	Pos	O-tol	Neg AP, Micro	Neg RSID	
Item 4	Pos	O-tol	Neg AP, Micro	Neg RSID	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
3AWAQ2					
Item 3	Pos KM		Neg AP, Micro	Neg Phadebas	
Item 4	Pos KM		Neg AP, Micro	Neg Phadebas	
3BUMAM					
Item 3	Pos KM, HemaTrace		Neg AP	Neg RSID	
Item 4	Pos KM, HemaTrace		Neg AP	Neg RSID	
3D6R6J					
Item 3	Pos Hemastix				
Item 4	Pos Hemastix				
3F7J4N					
Item 3	Pos KM, Combur (TMB)		Neg AP, PSA	Neg Phadebas	
Item 4	Pos KM, Combur (TMB)		Neg AP, PSA	Neg Phadebas	
3JPK3G					
Item 3	Pos color, PPTH, O-tol		Neg AP		
Item 4	Pos color, PPTH, O-tol		Neg AP	NT	
3PBHMX					
Item 3	Pos KM, HemaTrace		Neg ALS, AP, Micro, PSA	Neg ALS, Phadebas	
Item 4	Pos KM, HemaTrace		Neg ALS, AP, Micro, PSA	Neg ALS, Phadebas	
3QPVHM					
Item 3	Pos visual, KM, ABACard HemaTrace		NT	NT	ALS, Neg
Item 4	Pos visual, KM, ABACard HemaTrace		NT	NT	ALS, Neg
3QQWYE					
Item 3	Pos KM, RSID-Blood		NT	NT	
Item 4	Pos O-tol, HemaTrace		NT	NT	
3U78CH					
Item 3	Pos O-tol		Neg AP, Micro	Neg RSID	
Item 4	Pos O-tol		Neg AP, Micro	Neg RSID	
3V2UMZ					
Item 3	Pos KM		NT	NT	
Item 4	Pos KM		NT	NT	
3WA6GJ					
Item 3	Pos O-tol		NT	NT	
Item 4	Pos O-tol		NT	NT	
42LAQX					
Item 3	Pos KM, HemaTrace		Neg AP		
Item 4	Pos KM, HemaTrace		Neg AP		

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
43FHUV					
Item 3	Pos	O-tol, HemaTrace	Neg AP	Neg RSID	
Item 4	Pos	O-tol, HemaTrace	Neg AP	Neg RSID	
43HH6A					
Item 3	Pos	KM	Neg AP, ALS, Microscopic	Neg ALS, Phadebas	Human DNA detected, Pos Quantifiler Trio
Item 4	Pos	KM	Neg AP, ALS, Microscopic	Neg ALS, Phadebas	Human DNA detected, Pos Quantifiler Trio
48BCRW					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
4BCQLU					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
4BCQNE					
Item 3	Pos	KM, Takayama, HemaTrace	Neg AP, Micro, p30	Neg Radial Diffusion	
Item 4	Pos	KM, Takayama, HemaTrace	Neg AP, Micro, p30	Neg Radial Diffusion	
4BNK7Z					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
4FKLGA					
Item 3	NT		NT	NT	Male DNA, Pos Y-Screening
Item 4	NT		NT	NT	Male DNA, Pos Y-Screening
4NEG3R					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
4Q4QB9					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
4TURHG					
Item 3	Pos	O-tol	Neg AP, Micro	Neg RSID	
Item 4	Pos	O-tol	Neg AP, Micro	Neg RSID	
4UJ3BV					
Item 3	Pos	KM, Takayama	NT	NT	Human Origin, Pos Plexor HY
Item 4	Pos	KM, Takayama	NT	NT	Human Origin, Pos Plexor HY

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
4WPNYV					
Item 3	Pos	KM, Takayama	NT	NT	Human Origin, Pos Plexor HY
Item 4	Pos	KM, Takayama	NT	NT	Human Origin, Pos Plexor HY
62J8UL					
Item 3	Pos	Hemastix	NT	NT	
Item 4	Pos	Hemastix	NT	NT	
62XERT					
Item 3	Pos	KM, ABACard HemaTrace	NT	NT	
Item 4	Pos	KM, ABACard HemaTrace	NT	NT	
68368T					
Item 3	Pos	KM, Takayama, HemaTrace	Neg ALS, AP	Neg RSID	Human Origin, Pos Plexor HY, HemaTrace
Item 4	Pos	KM, Takayama, HemaTrace	Neg ALS, AP	Neg Phadebas, RSID	Human Origin, Pos Plexor HY, HemaTrace
68RE7N					
Item 3	Pos	Hemastix & HemaTrace	NT	NT	
Item 4	Pos	Hemastix & HemaTrace	NT	NT	
6DAVCJ					
Item 3	Pos	LMG, HemaTrace	NT	NT	
Item 4	Pos	LMG, HemaTrace	NT	NT	
6LQ678					
Item 3	Pos	LMG, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg ALS, AP		
6QK2TD					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
6QYX8D					
Item 3	Pos	LMG	Neg AP	Neg RSID	
Item 4	Pos	LMG	Neg AP	Neg RSID	
6RPUGK					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
6UFQC7					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
6WLGEE					
Item 3	Pos	O-tol, PPTH, Red/brown colour	Neg AP, ALS	NT	
Item 4	Pos	O-tol, PPTH, Red/brown colour	Neg AP, ALS	NT	
6XEWGH					
Item 3	Pos	ALS, LMG, HemaTrace	Neg ALS, AP, PSA, Micro	NT	
Item 4	Pos	ALS, LMG, HemaTrace	Neg ALS, AP, PSA, Micro	NT	
76RAV8					
Item 3			NT	NT	Male DNA, Pos Y-screening
Item 4			NT	NT	Male DNA, Pos Y-screening
76V6PR					
Item 3	Pos	LMG	Neg ALS, AP	NT	
Item 4	Pos	LMG	Neg ALS, AP	NT	
779WH9					
Item 3	Pos	O-tol	Neg AP	Neg Phadebas	
Item 4	Pos	O-tol	Neg AP	Neg Phadebas	
7E28T4					
Item 3	Pos	LMG, HemaTrace	NT	NT	
Item 4	Pos	LMG, HemaTrace	NT	NT	
7ENDC4					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
7HGJMZ					
Item 3	Pos	KM	NT	NT	Human, Pos Plexor HY
Item 4	Pos	KM	NT	NT	Human, Pos Plexor HY
7HZHLJ					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
7UA34Q					
Item 3	Pos	KM	Neg AP	Neg RSID	
Item 4	Pos	KM	Neg AP	Neg RSID	
7VCN2R					
Item 3	Pos	KM	NT	Neg RSID	
Item 4	Pos	KM	NT	Neg RSID	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
7XVPZK					
	Item 3	Pos KM, HT	NT	NT	
	Item 4	Pos KM, HT	NT	Neg RSID	
7XVV6L					
	Item 3	Pos KM, Combur (TMB)	Neg AP, PSA	Neg Phadebas	
	Item 4	Pos KM, Combur (TMB)	Neg AP, PSA	Neg Phadebas	
7YA84Q					
	Item 3	Pos LMG, HemaTrace	Neg AP	NT	
	Item 4	Pos LMG, HemaTrace	Neg AP	NT	
7ZKG6H					
	Item 3	Pos LMG	Neg AP, PSA, Micro	NT	
	Item 4	Pos LMG	Neg AP, PSA, Micro	NT	
87264X					
	Item 3	Pos O-tol	Neg AP	NT	
	Item 4	Pos O-tol	Neg AP	NT	
8BYXDF					
	Item 3	Pos LMG, HemaTrace	Neg AP, PSA, Micro	NT	
	Item 4	Pos LMG, HemaTrace	Neg AP, PSA, Micro	NT	
8CCZ42					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
8D37LC					
	Item 3	Pos KM	Neg AP; Micro for Sperm	NT	
	Item 4	Pos KM	Neg AP; Micro for Sperm	NT	
8EWGCT					
	Item 3	Pos LMG, HemaTrace	NT	NT	
	Item 4	Pos LMG, HemaTrace	NT	NT	
8FRRUU					
	Item 3	Pos O-tol	Neg AP	Neg Amylase	
	Item 4	Pos O-tol	Neg AP	Neg Amylase	
8PFNUA					
	Item 3	Pos KM, HemaTrace	Neg ALS, AP, PSA, Micro	Neg ALS, Amylase Radial Diffusion, Micro	
	Item 4	Pos KM, HemaTrace	Neg ALS, AP, PSA, Micro	Neg ALS, Amylase Radial Diffusion, Micro	
8TZBTN					
	Item 3	Pos KM	Neg AP, Micro	Neg Amylase Radial Diffusion	
	Item 4	Pos KM	Neg AP, Micro	Neg Amylase Radial Diffusion	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
8WZLNN					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
8Y2PFB					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP, p30, Micro	Inc Amylase Radial Diffusion	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP, p30, Micro	Inc Amylase Radial Diffusion	
8Y2RYN					
Item 3	Pos	O-tol	NT	NT	
Item 4	Pos	O-tol	NT	NT	
96QEKL					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
9DXVW8					
Item 3	Pos	Pheno	NT	NT	
Item 4	Pos	Pheno	NT	NT	
9MPCLB					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
9RKFLM					
Item 3	Pos	O-tol	NT	NT	
Item 4	Pos	O-tol	NT	NT	
9X7WAD					
Item 3	Pos	Hemastix, HemaTrace	NT	NT	
Item 4	Pos	Hemastix, HemaTrace	NT	NT	
A248PQ					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
A4AUZA					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
A4THKQ					
Item 3	Pos	KM, HemaTrace	NT	NT	Human Origin, Pos HemaTrace, Plexor HY
Item 4	Pos	KM, HemaTrace	NT	NT	Human Origin, Pos HemaTrace, Plexor HY
A6JU4W					
Item 3	Pos	Hemident, HemaTrace	NT	NT	
Item 4	Pos	Hemident, HemaTrace	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
A7W74L					
Item 3	Pos	O-tol	Neg AP, Micro	Neg	RSID
Item 4	Pos	O-tol	Neg AP, Micro	Neg	RSID
AFJWEZ					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
AMKNTG					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
AU3Z4W					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
AU7FJH					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
B2KMHY					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
B9X2DV					
Item 3	Pos	KM, TMB	NT	NT	
Item 4	Pos	KM, TMB	NT	NT	
BCFNLA					
Item 3	Pos	KM			
Item 4	Pos	KM			
BHLKKU					
Item 3	Pos	O-tol	Neg AP	NT	
Item 4	Pos	O-tol	Neg AP	NT	
BHRRUH					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
BKCUQP					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
BKVRNM					
Item 3	Pos	LMG, HemaTrace	Neg AP, PSA, Micro	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP, PSA, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
BL7G3T					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
BMFQVQ					
Item 3	Pos	HemaTrace	NT	NT	
Item 4	Pos	HemaTrace	NT	NT	
BT6WYR					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
BTNBDK					
Item 3	Pos	LMG, HemaTrace	NT	NT	
Item 4	Pos	LMG, HemaTrace	NT	NT	
BUXMQ8					
Item 3	Pos	LMG	NT	Neg SALIgAE	
Item 4	Pos	LMG	NT	Neg SALIgAE	
C3B4AL					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
C3M6PT					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
CARYR2					
Item 3	Pos	TMB, HemaTrace	Neg ALS, AP	Neg RSID	
Item 4	Pos	TMB, HemaTrace	Neg ALS, AP	Neg RSID	
CB2UQM					
Item 3	Pos	KM, Takayama, HemaTrace	NT	Neg RSID-Saliva	Human Origin, Pos Plexor H/Y Quant
Item 4	Pos	KM, Takayama, HemaTrace	NT	Neg RSID-Saliva	Human Origin, Pos Plexor H/Y Quant
CFUGG9					
Item 3	Pos	Hemastix	NT	NT	
Item 4	Pos	Hemastix	NT	NT	
CHJH7A					
Item 3	Pos	KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
CJCFU4					
Item 3	Pos	HemaTrace, KM	Neg PSA, Micro	Neg RSID	Male DNA, Pos Y-screening
Item 4	Pos	HemaTrace, KM	Neg PSA, Micro	Neg RSID	Male DNA, Pos Y-screening
CKPM44					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
CMEGUZ					
Item 3					Male DNA, Pos Y-screening
Item 4					Male DNA, Pos Y-screening
CN7ACH					
Item 3	Pos	O-tol, HemaTrace			
Item 4	Pos	O-tol, HemaTrace			
CVP9B3					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
CXQJXQ					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
D7KEQ2					
Item 3			Neg PSA	Neg RSID-Saliva	MALE DNA, Pos Y-SCREENING
Item 4			Neg PSA	Neg RSID-Saliva	MALE DNA, Pos Y-SCREENING
D8FLJY					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
DD2GK3					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
DF8YKJ					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
DHJRLD					
Item 3	Pos	KM, Combur (TMB)	Neg AP, PSA	Neg Phadebas	
Item 4	Pos	KM, Combur (TMB)	Neg AP, PSA	Neg Phadebas	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
DKMAXM					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
DLJNLF					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
DMUPAZ					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
DXERXL					
Item 3	Pos	KM, ABACard HemaTrace	NT	NT	
Item 4	Pos	KM, ABACard HemaTrace	NT	NT	
DY7PRT					
Item 3	Pos	KM, TMB	NT	NT	
Item 4	Pos	KM, TMB	NT	NT	
E4UZQB					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
E9982B					
Item 3	Pos	Hgb, HemaTrace	NT	NT	
Item 4	Pos	Hgb, HemaTrace	NT	NT	
EAX9QC					
Item 3	Pos	KM	Neg PSA	Neg Amylase	
Item 4	Pos	KM	Neg PSA	Neg Amylase	
EETVN7					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
EM8B62					
Item 3	Pos	Hemastix	NT	NT	
Item 4	Pos	Hemastix	NT	NT	
ER3F7E					
Item 3	Pos	PTMB	NT	Neg Amylase	Human Origin, Pos QF
Item 4	Pos	PTMB	NT	Neg Amylase	Human Origin, Pos QF
ERECD4					
Item 3	Pos	KM, Ouchterlony	Neg AP, Micro	Neg Micro, Amylase	
Item 4	Pos	KM, Ouchterlony	Neg AP, Micro	Neg Micro, Amylase	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
EVF96J					
Item 3	Pos	LMG, HemaTrace	NT	NT	
Item 4	Pos	LMG, HemaTrace	NT	NT	
EZEYKQ					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
F3FVRD					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
F7BDJW					
Item 3	NT		Neg PSA	Neg RSID	Male DNA, Pos Y-screening
Item 4	NT		Neg PSA	Neg RSID	Male DNA, Pos Y-screening
FB8D3E					
Item 3	Pos	O-tol	NT	NT	
Item 4	Pos	O-tol	NT	NT	
FE8GX9					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
FF2WYQ					
Item 3	Pos	KM, TMB	NT	NT	
Item 4	Pos	KM, TMB	NT	NT	
FF6UGU					
Item 3	Pos	LMG, HemaTrace	NT	NT	
Item 4	Pos	LMG, HemaTrace	NT	NT	
FFGVYM					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
FHUZY7					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	NT	NT	
FKW2Y3					
Item 3	Pos	KM	Neg ALS, AP, Micro for Sperm	NT	
Item 4	Pos	KM	Neg ALS, AP, Micro for Sperm	NT	
FLBKQR					
Item 3	Pos	Hemident, HemaTrace	NT	NT	
Item 4	Pos	Hemident, HemaTrace	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
FRW6KE					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
FTA38P					
Item 3	Pos	Hemestix, HemaTrace	Neg AP, PSA	Neg	RSID
Item 4	Pos	Hemestix, HemaTrace	Neg AP, PSA	Neg	RSID
G4NQBM					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
G9HLCU					
Item 3	Pos	LMG, HT	Neg ALS, AP, p30	NT	
Item 4	Pos	LMG, HT	Neg ALS, AP, p30	NT	
GAWHTF					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
GB7XBZ					
Item 3	Pos	KM, RSID-Blood	NT	NT	
Item 4	Pos	O-tol, HemaTrace	NT	NT	
GHARD9					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
GHM9MF					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
GJY7WQ					
Item 3	Pos	Hemident, HemaTrace	NT	NT	
Item 4	Pos	Hemident, HemaTrace	NT	NT	
GMWNUJ					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
GQ3KT9					
Item 3	Pos	LMG, Ouchterlony (anti-HuHb)	NT	NT	
Item 4	Pos	LMG, Ouchterlony (anti-HuHb)	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
GQZUK6					
Item 3	Pos	O-tol, Seratec PMB	Neg AP, Seratec PSA, Micro	Neg Seratec Amylase, Amylase Diffusion, Micro	
Item 4	Pos	O-tol, Seratec PMB	Neg AP, Seratec PSA, Micro	Neg Seratec Amylase, Amylase Diffusion, Micro	
GRACQ9					
Item 3	Pos	KM, Hexagon			
Item 4	Pos	KM, Hexagon			
GRCY8M					
Item 3	Pos	HemaTrace	NT	NT	
Item 4	Pos	HemaTrace	NT	NT	
GUZLNG					
Item 3	Pos	hemochromogen			Hair, Neg visual
Item 4	Pos	hemochromogen			Hair, Neg visual
GZ6YCL					
Item 3	Pos	RSID (Bluestar OBTI)	NT	NT	
Item 4	Pos	RSID (Bluestar OBTI)	NT	NT	
H2DEJR					
Item 3	Pos	KM		Neg Phadebas screen	
Item 4	Pos	KM		Neg Phadebas screen	
H2WTWN					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
H3QFBD					
Item 3	Pos	O-tol	NT	NT	
Item 4	Pos	O-tol	NT	NT	
H42694					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
H42DQF					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
H4YF47					
Item 3	Pos	LMG, a-HuHb(HemaTrace)	NT	NT	
Item 4	Pos	LMG, a-HuHb(HemaTrace)	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
H6ATTF					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
H6U2R7					
Item 3	Pos	KM; HemaTrace	NT	NT	
Item 4	Pos	KM; HemaTrace	NT	NT	
H7QCQE					
Item 3	Pos	Benzidine, Heme Direct Kit	Neg AP, PSA kit	NT	
Item 4	Pos	Benzidine, Heme Direct Kit	Neg AP, PSA kit	NT	
HBYCUB					
Item 3	Pos	O-tol	Neg AP		
Item 4	Pos	O-tol	Neg AP		
HKPVB4					
Item 3	Pos	LMG	Neg AP	Neg RSID-Saliva	
Item 4	Pos	LMG	Neg AP	Neg RSID-Saliva	
HMUG6W					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
HRCEYD					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
HZ6UKB					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
J4XDYE					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
JBHBR9					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
JDJG6T					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
JDQGDA					
Item 3	Pos	Hemastix, RSID Blood	Neg Acid Phosphatase	NT	
Item 4	Pos	Hemastix, RSID Blood	Neg Acid Phosphatase	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
JDQVQP					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
JFRK3B					
Item 3	Pos	KM, HemDirect	Neg ALS, AP, PSA, Micro	NT	
Item 4	Pos	KM, HemDirect	Neg ALS, AP, PSA, Micro	NT	
JGKP94					
Item 3	Pos	LMG	Neg AP	Neg RSID-Saliva	
Item 4	Pos	LMG	Neg AP	Neg RSID-Saliva	
JV7VPD					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
JWV7HQ					
Item 3	Pos	LMG, HemaTrace	Neg ALS, AP, PSA	NT	
Item 4	Pos	LMG, HemaTrace	Neg ALS, AP, PSA	NT	
JXAJ99					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
JXWRHD					
Item 3	Pos	KM, HemDirect	Neg AP, PSA, Micro, ALS	NT	
Item 4	Pos	KM, HemDirect	Neg AP, PSA, Micro, ALS	NT	
JYKCZ3					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
K3JDBJ					
Item 3	Pos	HemaTrace	Neg p30	Neg RSID	
Item 4	Pos	HemaTrace	Neg p30	Neg RSID	
K8EZBY					
Item 3	Pos	color, O-tol, Phenolphthalein	Neg AP	NT	
Item 4	Pos	color, O-tol, Phenolphthalein	Neg AP	NT	
K934TR					
Item 3	Pos	KM, HemaTrace	Neg PSA	Neg RSID	Male DNA, Pos Y-screening
Item 4	Pos	KM, HemaTrace	Neg PSA	Neg RSID	Male DNA, Pos Y-screening

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
K9Q7L2						
Item 3	Pos	O-tol, Seratec HemDirect card, Seratec PMB card	Neg	AP, Micro, Seratec PSA card	Neg	Seratec Alpha-Amylase card
Item 4	Pos	O-tol, Seratec HemDirect card, Seratec PMB card	Neg	AP, Micro, Seratec PSA card	Neg	Seratec Alpha-Amylase card
KG3PEE						
Item 3	Pos	KM	NT	NT		Human Blood, Pos ABAcad HemaTrace
Item 4	Pos	KM	NT	NT		Human Blood, Pos ABAcad HemaTrace
KLBAWJ						
Item 3	Pos	LMG, HemaTrace	Neg	Brentamine	NT	
Item 4	Pos	LMG, HemaTrace	Neg	Brentamine	NT	
KLUMB4						
Item 3	Pos	LMG, HemaTrace	Neg	AP, Micro, PSA, ALS	NT	
Item 4	Pos	LMG, HemaTrace	Neg	AP, Micro, PSA, ALS	NT	
KRJ8EJ						
Item 3	Pos	HemaTrace	NT	NT		
Item 4	Pos	HemaTrace	NT	NT		
KV3UZW						
Item 3	Pos	KM	NT	NT		
Item 4	Pos	KM	NT	NT		
L7M94D						
Item 3						Male DNA, Pos Y-Screening
Item 4						Male DNA, Pos Y-Screening
L96KEA						
Item 3	Pos	KM	Neg	AP	NT	
Item 4	Pos	KM	Neg	AP	NT	
LACVBD						
Item 3	Pos	LMG, HemaTrace	NT	NT		
Item 4	Pos	LMG, HemaTrace	NT	NT		
LB9FWR						
Item 3	Pos	KM	NT	NT		
Item 4	Pos	KM	NT	NT		
LBPCM7						
Item 3	Pos	Hemastix	NT	NT		
Item 4	Pos	Hemastix	NT	NT		

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
LDU6EJ					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
LET4XR					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
LFKTRR					
Item 3	Pos	HemaTrace, KM	Neg PSA, Micro	Neg RSID	Male DNA, Pos Y-screening
Item 4	Pos	HemaTrace, KM	Neg PSA, Micro	Neg RSID	Male DNA, Pos Y-screening
LQLMCX					
Item 3	Pos	KM, HemaTrace	Neg AP, Micro, p30	Neg Amylase Radial Diffusion	
Item 4	Pos	KM, HemaTrace	Neg AP, Micro, p30	Neg Amylase Radial Diffusion	
LRV4H3					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
LRZJU4					
Item 3	Pos	LMG, HemaTrace	NT	NT	
Item 4	Pos	LMG, HemaTrace	NT	NT	
LULTVA					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
M44YZC					
Item 3	Pos	O-tol	NT	NT	Human Blood, Pos RSID
Item 4	Pos	O-tol	NT	NT	Human Blood, Pos RSID
M7BJ4Y					
Item 3	Pos				
Item 4	Pos				
M7R9CY					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
M9JAEF					
Item 3	Pos	O-tol	NT	NT	
Item 4	Pos	O-tol	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
M9LWVU					
Item 3	Pos	KM, RSID-Blood	NT	NT	
Item 4	Pos	O-tol, HemaTrace	NT	NT	
MJHZYN					
Item 3	Pos	LMG, HemaTrace	NT	NT	
Item 4	Pos	LMG, HemaTrace	NT	NT	
MNCYCX					
Item 3	Pos	O-tol, ALS	Neg AP, Micro, ALS	Neg RSID, ALS	
Item 4	Pos	O-tol, ALS	Neg AP, Micro, ALS	Neg RSID, ALS	
MP4VZR					
Item 3	Pos	Hemastix (TMB) & HemaTrace	Neg ALS & AP	NT	
Item 4	Pos	Hemastix (TMB) & HemaTrace	Neg ALS & AP	NT	
MQJ8M4					
Item 3	Pos	KM Combur (TMB)	Neg AP PSA	Neg Phadebas	
Item 4	Pos	KM Combur (TMB)	Neg AP PSA	Neg Phadebas	
MT3YGZ					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
MWJT9C					
Item 3	Pos	LMG, HemaTrace	NT	NT	
Item 4	Pos	LMG, HemaTrace	NT	NT	
N8KCP7					
Item 3	Pos	Hemastix, HemaTrace	NT	NT	
Item 4	Pos	Hemastix, HemaTrace	NT	NT	
ND6LN3					
Item 3	Pos	KM, HemaTrace	NT	Neg RSID	
Item 4	Pos	KM, HemaTrace	NT	Neg RSID	
NJF8Q2					
Item 3	Pos	KM, ABACard HemaTrace	NT	NT	
Item 4	Pos	KM, AMACard HemaTrace	NT	NT	
NK9R46					
Item 3	Pos	O-tol	NT	NT	
Item 4	Pos	O-tol	NT	NT	
NMYMB8					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, Hemetrace	Neg AP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
NRPY9P					
Item 3	Pos	KM	Neg ALS, AP, Micro	Neg Phadebas	Human DNA detected, Pos Quant Trio
Item 4	Pos	KM	Neg ALS, AP, Micro	Neg Phadebas	Human DNA detected, Pos Quant Trio
NRQZPG					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
NUDQ28					
Item 3	Pos	KM, HemDirect	Neg AP, PSA	NT	
Item 4	Pos	KM, HemDirect	Neg AP, PSA	NT	
NVPYX8					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
NVTURR					
Item 3	Pos	KM, RSID-Blood	NT	NT	
Item 4	Pos	O-tol, HemaTrace	NT	NT	
NYNDKX					
Item 3	Pos	Hemastix	NT	NT	
Item 4	Pos	Hemastix	NT	NT	
P78AC7					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
PFDN3T					
Item 3	Pos	LMG	NT	Neg SAlIgAE	
Item 4	Pos	LMG	NT	Neg SAlIgAE	
PFPKAJ					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
PHHQXG					
Item 3	Pos	KM	NT	NT	Human Origin, Pos Plexor HY
Item 4	Pos	KM	NT	NT	Human Origin, Pos Plexor HY
PKM8FL					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
PUTNXY					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
PV6V8Y					
Item 3	Pos	LMG	Neg AP	Neg RSID-Saliva	
Item 4	Pos	LMG	Neg AP	Neg RSID-Saliva	
PVL8P6					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
PWD72H					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP, p30, Micro	Neg SALIgAE	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP, p30, Micro	Neg SALIgAE	
PWJFXN					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
PX7L6L					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
PY8RXU					
Item 3	Pos	KM, TAK, HemaTrace	Neg AP, Micro, p30	Neg Amylase	
Item 4	Pos	KM, TAK, HemaTrace	Neg AP, Micro, p30	Neg Amylase	
Q4WLC7					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
Q4XNX6					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
Q7HDFW					
Item 3	Pos	LMG	Neg AP	Neg RSID-Saliva	
Item 4	Pos	LMG	Neg AP	Neg RSID-Saliva	
Q98AWH					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
Q9M8WE					
Item 3	Pos	KM, HemaTrace	Neg AP	Neg RSID	
Item 4	Pos	KM, HemaTrace	Neg AP	Neg RSID	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
QAZKR3					
Item 3	Pos	TMB, HemaTrace	NT	NT	
Item 4	Pos	TMB, HemaTrace	NT	NT	
QER4FE					
Item 3	Pos	KM	Neg PSA	NT	
Item 4	Pos	KM	Neg PSA	NT	
QFLRYA					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
QGH3YJ					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
QGHVKC					
Item 3	Pos	HemaTrace	Neg ABA-p30	NT	
Item 4	Pos	HemaTrace	Neg ABA-p30	NT	
QGKNY6					
Item 3	Pos	KM, HemDirect	Neg PSA	NT	
Item 4	Pos	KM, HemDirect	Neg PSA	NT	
QHVZLV					
Item 3	Pos	Hemastix			
Item 4	Pos	Hemastix			
QJ9AGU					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
QJNL2K					
Item 3	Pos	TMB, HemaTrace	NT	NT	
Item 4	Pos	TMB, HemaTrace	NT	NT	
QU69AL					
Item 3	Pos	LMG, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg ALS, AP	NT	
QVXQ3U					
Item 3	Pos	PTMB	Neg PSA	Neg SAlIgAE	Human-Animal Blood, Pos Hem Check 2
Item 4	Pos	PTMB	Neg PSA	Neg SAlIgAE	Human-Animal Blood, Pos Hem Check 2
R7Y7CC					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
RFKKPA				
Item 3	Pos LMG	NT	NT	
Item 4	Pos LMG	NT	NT	
RLQQAY				
Item 3	Pos HemaTrace	NT	NT	
Item 4	Pos HemaTrace	NT	NT	
RRD42U				
Item 3	Pos LMG			
Item 4	Pos LMG			
RZT99D				
Item 3	Pos Hemastix, HemaTrace	NT	NT	
Item 4	Pos Hemastix, HemaTrace	NT	NT	
T62X38				
Item 3	Pos O-tol	NT	NT	
Item 4	Pos O-tol	NT	NT	
T62ZRB				
Item 3	Pos KM	Neg AP, Micro for Spermatozoa	NT	
Item 4	Pos KM	Neg AP, Micro for Spermatozoa	NT	
T7QL3D				
Item 3	Pos Hemident, HemaTrace	NT	NT	
Item 4	Pos Hemident, HemaTrace	NT	NT	
TD86FL				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
TGA3QE				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Neg AP, Micro	NT	
TJ2V9C				
Item 3	Pos H/T, H/S	Neg p30	NT	
Item 4	Pos H/T, H/S	Neg p30	NT	
TJYA9P				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Neg AP, Micro	NT	
TL9PVH				
Item 3	NT	NT	NT	Male DNA, Pos Y-screening
Item 4	NT	NT	NT	Male DNA, Pos Y-screening

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
TQG68R					
Item 3	Pos	H-stix			Hair, NT No preliminary test for hair at [Laboratory]
Item 4	Pos				Hair No preliminary test for hair at [Laboratory]
TQZL88					
Item 3	Pos	O-tol	Neg ALS, AP, Micro, PSA	Neg Chromatographic Immunoassay Amylase	
Item 4	Pos	O-tol	Neg ALS, AP, Micro, PSA	Neg Chromatographic Immunoassay Amylase	
TRB932					
Item 3	Pos	O-tol	NT	NT	
Item 4	Pos	O-tol	NT	NT	
TXKGCH					
Item 3	Pos	LMG, HemaTrace	NT	NT	
Item 4	Pos	LMG, HemaTrace	NT	NT	
TYAKRP					
Item 3	Pos	LMG	NT	Neg SALIgAE	
Item 4	Pos	LMG	NT	Neg SALIgAE	
TZLPE8					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
U2F6FP					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
U2WJTT					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
U7PT3K					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
U9YWUB					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
UCDPRV					
Item 3	Pos	KM; ABACard HemaTrace	NT	NT	
Item 4	Pos	KM; ABACard HemaTrace	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
UDBYMY					
Item 3	Pos	TMB	NT	NT	
Item 4	Pos	TMB	NT	NT	
UFH4E2					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
UPLMC					
Item 3	Pos	Hemident, HemaTrace	NT	NT	
Item 4	Pos	Hemident, HemaTrace	NT	NT	
UR47LE					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
URP8FP					
Item 3	Pos	ppth, O-tol, color	Neg AP	NT	
Item 4	Pos	ppth, O-tol, color	Neg AP	NT	
UUCQKT					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
V4G39B					
Item 3	Pos	KM and HemaTrace	NT	NT	
Item 4	Pos	KM and HemaTrace	NT	NT	
VBZGX2					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
VEGNJF					
Item 3	Pos	LMG, HemaTrace	NT	NT	
Item 4	Pos	LMG, HemaTrace	NT	NT	
VKLK3F					
Item 3	Pos	Hemastix, HemaTrace	NT	NT	
Item 4	Pos	Hemastix, HemaTrace	NT	NT	
VLXRE4					
Item 3	Pos	Phenolphthalein	Neg Asit-Fosfataz, RSID-Semen	Neg SALLgAE	
Item 4	Pos	Phenolphthalein	Neg Asit-Fosfataz, RSID-Semen	Neg SALLgAE	
VTBV34					
Item 3					Male DNA, Pos Y Screening
Item 4					Male DNA, Pos Y Screening

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
WCG3T					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
VZX4VF					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
VZZT66					
Item 3	Pos	LMG, HT	NT	NT	
Item 4	Pos	LMG	NT	NT	
W66WK6					
Item 3	Pos	HemDirect	NT	NT	
Item 4	Pos	HemDirect	NT	NT	
W96UNP					
Item 3	Pos	O-tol, Seratec HemDirect, Seratec PMB	Neg AP, Micro	Neg Seratec Amylase	Vomit, Urine, Feces, Neg Pepsin, Amines, Creatinine, Urobilinogen
Item 4	Pos	O-tol, Seratec HemDirect, Seratec PMB	Neg AP, Micro	Neg Seratec Amylase	Vomit, Urine, Feces, Neg Pepsin, Amines, Creatinine, Urobilinogen
WF947W					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
WGZ3HA					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
WM84UK					
Item 3	Pos	Hemastix	NT	NT	
Item 4	Pos	Hemastix	NT	NT	
WPV7NR					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
WQMTUM					
Item 3	Pos	KM test	NT	NT	
Item 4	Pos	KM test	NT	NT	
WU3QCN					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
WUQWU4					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
WWE77P					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
WX6KEZ					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
WXAUKE					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
WYZKJL					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
X8BUFX					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
X8QZT3					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
XAERLK					
Item 3	Pos	KM, HemaTrace	Neg AP, Micro, p30	Neg Micro, Amylase Gel Diffusion	
Item 4	Pos	KM, HemaTrace	Neg AP, Micro, p30	Neg Micro, Amylase Gel Diffusion	
XJ2TZ9					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
XJKAKH					
Item 3	Pos	O-tol	Neg Acid Phosphatase	Neg Phadebas	
Item 4	Pos	O-tol	Neg Acid Phosphatase	Neg Phadebas	
XQLQQG					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
XRV7DA					
Item 3	Pos	KM, TMB	NT	NT	
Item 4	Pos	KM, TMB	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
XW9BZP					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Y47KL8					
Item 3	Pos	LMG, HemaTrace	NT	NT	
Item 4	Pos	LMG, HemaTrace	NT	NT	
Y79JWZ					
Item 3	Pos	LMG, HemaTrace	NT	NT	
Item 4	Pos	LMG, HemaTrace	NT	NT	
YBM7MY					
Item 3	Pos	KM, Takayama, HemaTrace	NT	Neg RSID-Saliva	Human Origin, Pos HemaTrace, Plexor HY
Item 4	Pos	KM, Takayama, HemaTrace	NT	Neg RSID-Saliva	Human Origin, Pos HemaTrace, Plexor HY
YH9UNV					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
YLPR8Y					
Item 3	Pos	KM, Hemoglobin immunochromatography	Neg ALS, AP, PSA	Neg Phadebas	
Item 4	Pos	KM, Hemoglobin immunochromatography	Neg ALS, AP, PSA	Neg Phadebas	
YX4E86					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
Z3NWXL					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Z6VC9X					
Item 3	Pos	KM, HemDirect	NT	NT	
Item 4	Pos	KM, HemDirect	NT	NT	
Z7MEUR					
Item 3	Pos	O-tol	NT	NT	
Item 4	Pos	O-tol	NT	NT	
ZAQ3DN					
Item 3	Pos	KM, HemDirect	Neg AP, Micro, PSA	NT	
Item 4	Pos	KM, HemDirect	Neg AP, Micro, PSA	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
ZGPC32					
Item 3	Pos	HemDirect	NT	NT	
Item 4	Pos	HemDirect	NT	NT	
ZRL767					
Item 3	Pos	O-tol, HemDirect	Neg Micro, AP, PSA	Neg Amylase Diffusion	
Item 4	Pos	O-tol, HemDirect	Neg Micro, AP, PSA	Neg Amylase Diffusion	
ZTHY9W					
Item 3	Pos	KM	NT	NT	Human, Pos Plexor HY
Item 4	Pos	KM	NT	NT	Human, Pos Plexor HY
ZWH6PN					
Item 3	Pos	LMG	Neg AP	Neg RSID-Saliva	
Item 4	Pos	LMG	Neg AP	Neg RSID-Saliva	
ZWXQYP					
Item 3	Pos	HemaTrace	NT	NT	
Item 4	Pos	HemaTrace	NT	NT	

Table 1: Serology Screening Response Summary				Item 3	Participants: 326
ITEM 3:	<u>Blood</u>	<u>Semen</u>	<u>Saliva</u>		
Positive	318	0	0		
Negative	0	134	72		
Inconclusive	0	0	1		
Not Tested (NT)	3	178	237		
Not Reported	5	14	16		

Table 1: Serology Screening Response Summary				Item 4	Participants: 326
ITEM 4:	<u>Blood</u>	<u>Semen</u>	<u>Saliva</u>		
Positive	318	0	0		
Negative	0	133	73		
Inconclusive	0	0	1		
Not Tested (NT)	3	179	236		
Not Reported	5	14	16		

STR Amplification Kit(s) & Results

TABLE 2

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

Item 1 - STR Results

2CUZLV	GlobalFiler™ Express					
		15,17	18,24	10	15,17	11,12
	1		10,14	13		13,14
		9,12	12		17,22	12,2,14
		29,30	16	X,Y	11,12	25,26
		23,2,29,2	6,9,3	9,11	16,17	
<hr/>						
2LGVEL	GlobalFiler™					
		15,17	18,24	10	15,17	11,12
	1		10,14	13		13,14
		9,12	12		17,22	12,2,14
		29,30	16	X,Y	11,12	25,26
		23,2,29,2	6,9,3	9,11	16,17	
<hr/>						
2NMJZ2	GlobalFiler™					
		15,17	18,24	10	15,17	11,12
	1		10,14	13		13,14
		9,12	12		17,22	12,2,14
		29,30	16	X,Y	11,12	25,26
		23,2,29,2	6,9,3	9,11	16,17	
<hr/>						
2QDQHC	GlobalFiler™					
		15,17	18,24	10,10	15,17	11,12
	1		10,14	13,13		13,14
		9,12	12,12		17,22	12,2,14
		29,30	16,16	X,Y	11,12	25,26
		23,2,29,2	6,9,3	9,11	16,17	
<hr/>						
2U94W9	GlobalFiler™					
		15,17	18,24	10	15,17	11,12
	1		10,14	13		13,14
		9,12	12	-	17,22	12,2,14
		29,30	16	X,Y	11,12	25,26
		23,2,29,2	6,9,3	9,11	16,17	
<hr/>						
2UEPZW	Investigator® 24plex QS					
		15,17	18,24	10	15,17	11,12
	1		10,14	13		13,14
		9,12	12		17,22	12,2,14
		29,30	16	X,Y	11,12	25,26
		23,2,29,2	6,9,3	9,11	16,17	
<hr/>						
334WV8	GlobalFiler™					
		15,17	18,24	10	15,17	11,12
	1		10,14	13		13,14
		9,12	12		17,22	12,2,14
		29,30	16	X,Y	11,12	25,26
		23,2,29,2	6,9,3	9,11	16,17	

TABLE 2

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

Item 1 - STR Results

368U3U	GlobalFiler™ Express					
		15,17	18,24	10	15,17	11,12
	1		10,14	13		13,14
		9,12	12		17,22	12.2,14
		29,30	16	X,Y	11,12	25,26
		23.2,29.2	6,9.3	9,11	16,17	
369FZV	GlobalFiler™					
		15,17	18,24	10	15,17	11,12
	1		10,14	13		13,14
		9,12	12		17,22	12.2,14
		29,30	16	X,Y	11,12	25,26
		23.2,29.2	6,9.3	9,11	16,17	
38BKBU	Investigator® 24plex QS					
		15,17	18,24	10	15,17	11,12
	1		10,14	13		13,14
		9,12	12		17,22	12.2,14
		29,30	16	X,Y	11,12	25,26
		23.2,29.2	6,9.3	9,11	16,17	
3AL6HJ	GlobalFiler™					
		15,17	18,24	10	15,17	11,12
	1		10,14	13		13,14
		9,12	12		17,22	12.2,14
		29,30	16	X,Y	11,12	25,26
		23.2,29.2	6,9.3	9,11	16,17	
3AWAQ2	GlobalFiler™					
		15,17	18,24	10,10	15,17	11,12
	1		10,14	13,13		13,14
		9,12	12,12		17,22	12.2,14
		29,30	16,16	X,Y	11,12	25,26
		23.2,29.2	6,9.3	9,11	16,17	
3BUMAM	PowerPlex® Fusion 6C					
		15,17	18,24	10	15,17	11,12
	1		10,14	13		13,14
		9,12	12		17,22	12.2,14
		29,30	16	X,Y	11,12	25,26
	9,11	23.2,29.2	6,9.3	9,11	16,17	6,10
3D6R6J	Identifiler® Plus					
			18,24		15,17	11,12
	1		10,14	13,13		
		9,12	12,12		17,22	12.2,14
		29,30		X,Y	11,12	25,26
			6,9.3	9,11	16,17	

TABLE 2

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

Item 1 - STR Results

3F7J4N	GlobalFiler™					
	15,17	18,24	10,10	15,17		11,12
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
3JPK3G	PowerPlex® Fusion 6C					
	15,17	18,24	10,10	15,17		11,12
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
3M4PQX	Identifiler® Plus					
	18,24			15,17		11,12
	9,12	12		17,22	12.2,14	
	29,30		X,Y	11,12	25,26	
			6,9.3	9,11	16,17	
3QPVHM	GlobalFiler™ Express					
	15,17	18,24	10,10	15,17		11,12
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
3QQWYE	PowerPlex® Fusion 6C					
	15,17	18,24	10	15,17		11,12
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
3U78CH	GlobalFiler™					
	15,17	18,24	10	15,17		11,12
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
3V2UMZ	PowerPlex® Fusion 6C					
	15,17	18,24	10	15,17		11,12
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	

TABLE 2

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

Item 1 - STR Results

3WA6GJ	PowerPlex® Fusion					
	[15],17	18,24	10	15,17		11,12
		10,14	13		13,14	15,18
	9,12	12		[17],22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11		6,9.3	9,11	16,17	
42LAQX	PowerPlex® Fusion 6C					
	15,17	18,24	10	15,17		11,12
		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
43FHUV	PowerPlex® 6C					
	15,17	18,24	10	15,17		11,12
		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
43HH6A	GlobalFiler™					
	15,17	18,24	10	15,17		11,12
		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
48BCRW	GlobalFiler™					
	15,17	18,24	10,10	15,17		11,12
		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
4BCQLU	GlobalFiler™ Express					
	15,17	18,24	10	15,17		11,12
		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
4BCQNE	PowerPlex® Fusion 6C					
	15,17	18,24	10	15,17		11,12
		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	

TABLE 2

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

Item 1 - STR Results

4BNK7Z	GlobalFiler™					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
4FKLGA	Identifiler® Plus, GlobalFiler™					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
4L8WJY	Identifiler®, GlobalFiler™, GlobalFiler Express					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
4NEG3R	GlobalFiler™ Express					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
4Q4QB9	GlobalFiler™					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
4TURHG	GlobalFiler™					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
4UJ3BV	PowerPlex® Fusion 6C					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	

TABLE 2

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

Item 1 - STR Results

4WPNYV	PowerPlex® Fusion 6C					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
62J8UL	GlobalFiler™ Express					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
62XERT	GlobalFiler™					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
68368T	PowerPlex® Fusion 6C					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
68RE7N	PowerPlex® 21					
	15,17	18,24		15,17		11,12
1	15,18	10,14	13,13			15,18
	9,12	12,12		17,22	12.2,14	
	29,30		X,Y	11,12	25,26	6,10
	9,11		6,9.3	9,11	16,17	
6DAVCJ	GlobalFiler™					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
6LQ678	PowerPlex® Fusion 6C					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	

TABLE 2

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

Item 1 - STR Results

6QK2TD	PowerPlex® F6C-Direct					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
6QX4N8	PowerPlex® 5C, 6C					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
6QYX8D	Identifiler® Plus, PowerPlex® FUSION					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11		6,9.3	9,11	16,17	
6RPUGK	PowerPlex® Fusion 6C					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
6UFQC7	GlobalFiler™					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
6WLGE	PowerPlex® Fusion 6C					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
6XEWHG	GlobalFiler™					
	15,17	18,24	10,10	15,17	NT	11,12
1	NT	10,14	13,13	NT	13,14	15,18
	9,12	12,12	NT	17,22	12.2,14	NT
	29,30	16,16	X,Y	11,12	25,26	NT
	NT	23.2,29.2	6,9.3	9,11	16,17	

TABLE 2

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

Item 1 - STR Results

76RAV8	PowerPlex® Fusion 5C, Investigator® 24plex					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	INC	6,9.3	9,11	16,17	
76V6PR	GlobalFiler™ Express					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
779WH9	PowerPlex® Fusion					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	6,10
	9,11		6,9.3	9,11	16,17	
79EEJQ	Investigator® 24plex QS					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
7E28T4	PowerPlex® Fusion 6C					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
7ENDC4	GlobalFiler™					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
7HGJMZ	PowerPlex® Fusion 6C					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	

TABLE 2

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

Item 1 - STR Results

7HZHLJ	PowerPlex® Fusion 5C					
	15,17	18,24	10	15,17	N/A	11,12
1	N/A	10,14	13	N/A	13,14	15,18
	9,12	12	N/A	17,22	12.2,14	N/A
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	N/A	6,9.3	9,11	16,17	
7UA34Q	PowerPlex® Fusion 6C					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
7VCN2R	PowerPlex® Fusion 6C, Investigator® 24plex QS					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
7XFJKU	GlobalFiler™					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
7XVPZK	PowerPlex® Fusion 6C					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
7XV6L	GlobalFiler™					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
7ZKG6H	GlobalFiler™					
	15,17	18,24	10,10	15,17	-	11,12
1	-	10,14	13,13	-	13,14	15,18
	9,12	12,12	-	17,22	12.2,14	-
	29,30	16,16	X,Y	11,12	25,26	-
	-	23.2,29.2	6,9.3	9,11	16,17	

TABLE 2

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

Item 1 - STR Results

87264X	PowerPlex® Fusion 5C					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	6,10
	9,11		6,9.3	9,11	16,17	
8BYXDF	GlobalFiler™					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
8CCZ42	GlobalFiler™					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
8D37LC	GlobalFiler™ , MiniFiler					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
8EWGCT	GlobalFiler™					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
8FRRUU	GlobalFiler™					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
8GQ6VN	Identifiler® Plus					
		18,24		15,17		11,12
1		10,14	13,13			
	9,12	12,12		17,22	12.2,14	
	29,30		X,Y	11,12	25,26	
			6,9.3	9,11	16,17	

TABLE 2

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

Item 1 - STR Results

8PFNUA	GlobalFiler™					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
8TZBTN	GlobalFiler™					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
8WZLNN	GlobalFiler™					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
8Y2PFB	PowerPlex® Fusion 6C					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
8Y2RYN	PowerPlex® Fusion					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11		6,9.3	9,11	16,17	
96QEKL	PowerPlex® Fusion 6C Direct					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
9DXVW8	GlobalFiler™ Express					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	

TABLE 2

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

Item 1 - STR Results

9MPCLB	Identifiler® Direct	18,24		15,17		11,12
1		10,14	13			
		9,12	12	17,22	12.2,14	
		29,30	X,Y	11,12	25,26	
			6,9.3	9,11	16,17	
9RKFLM	PowerPlex® Fusion 5C	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
		9,12	12	17,22	12.2,14	
		29,30	16	X,Y	11,12	25,26
		9,11	6,9.3	9,11	16,17	6,10
9X7WAD	GlobalFiler™	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
		9,12	12,12	17,22	12.2,14	
		29,30	16,16	X,Y	11,12	25,26
		23.2,29.2	6,9.3	9,11	16,17	
A248PQ	PowerPlex® Fusion	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
		9,12	12	17,22	12.2,14	
		29,30	16	X,Y	11,12	25,26
		9,11	23.2,29.2	6,9.3	9,11	16,17
A4AUZA	GlobalFiler™	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
		9,12	12,12	17,22	12.2,14	
		29,30	16,16	X,Y	11,12	25,26
		23.2,29.2	6,9.3	9,11	16,17	
A4THKQ	PowerPlex® Fusion 6C	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
		9,12	12,12	17,22	12.2,14	
		29,30	16,16	X,Y	11,12	25,26
		9,11	23.2,29.2	6,9.3	9,11	16,17
A6JU4W	GlobalFiler™	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
		9,12	12	17,22	12.2,14	
		29,30	16	X,[Y]	11,12	25,26
		23.2,29.2	6,9.3	9,11	16,17	

TABLE 2

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

Item 1 - STR Results

A7W74L	GlobalFiler™					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
AFJWEZ	ESI 17					
	15,17	18,24	10,10	15,17		
1			13,13		13,14	15,18
		12,12		17,22	12.2,14	
	29,30	16,16	X,Y		25,26	
		23.2,29.2	6,9.3		16,17	
AMKNTG	PowerPlex® F6C					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
AU3Z4W	PowerPlex® F6C					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
AU7FJH	PowerPlex® Fusion 6C Direct					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
B9X2DV	PowerPlex® Fusion 5C					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11		6,9.3	9,11	16,17	
BCFNLA	ESI 17 Fast					
	15,17	18,24	10,10	15,17		
1			13,13		13,14	15,18
		12,12		17,22	12.2,14	
	29,30	16,16	X,Y		25,26	
		23.2,29.2	6,9.3		16,17	

TABLE 2

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

Item 1 - STR Results

BHLKKU	PowerPlex® Fusion 5C					
1	15,17	18,24	10,10	15,17		11,12
		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	6,10
	9,11		6,9.3	9,11	16,17	
BHRRUH	PowerPlex® 21					
1	15,17	18,24		15,17		11,12
	15,18	10,14	13,13			15,18
	9,12	12,12		17,22	12.2,14	
	29,30		X,Y	11,12	25,26	6,10
	9,11		6,9.3	9,11	16,17	
BKVRNM	GlobalFiler™ Express					
1	15,17	18,24	10	15,17		11,12
		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
BL7G3T	PowerPlex® Fusion 6C					
1	15,17	18,24	10	15,17		11,12
		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
BMFQVQ	PowerPlex® Fusion 6C					
1	15,17	18,24	10	15,17		11,12
		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
BT6WYR	GlobalFiler™					
1	15,17	18,24	10	15,17		11,12
		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
BTNDC	GlobalFiler™					
1	15,17	18,24	10,10	15,17		11,12
		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	

TABLE 2

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

Item 1 - STR Results

BUXMQ8	Identifiler® Plus, PowerPlex® FUSION					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11		6,9.3	9,11	16,17	
C3B4AL	GlobalFiler™ Express					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
C3M6PT	PowerPlex® Fusion 6C					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
CARYR2	Investigator® 24plex GO!					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
CB2UQM	PowerPlex® Fusion 6C					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
CFUGG9	Identifiler® Plus					
		18,24		15,17		11,12
1		10,14	13,13			
	9,12	12,12		17,22	12.2,14	
	29,30		X,Y	11,12	25,26	
			6,9.3	9,11	16,17	
CHJH7A	GlobalFiler™					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	

TABLE 2

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

Item 1 - STR Results

CKPM44	GlobalFiler™					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
CN7ACH	Identifiler® Plus					
		18,24		15,17		11,12
1		10,14	13,13			
	9,12	12,12		17,22	12.2,14	
	29,30		X,Y	11,12	25,26	
			6,9.3	9,11	16,17	
CVP9B3	PowerPlex® fusion 6c					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
CXQJXQ	PowerPlex® Fusion 6C					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
D7KEQ2	PowerPlex® FUSION 5C					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11		6,9.3	9,11	16,17	
D8FLJY	GlobalFiler™					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
DD2GK3	GlobalFiler™					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	

TABLE 2

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

Item 1 - STR Results

DF8YKJ	GlobalFiler™ Express					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
DHJRLD	GlobalFiler™					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
DKMAXM	PowerPlex® Fusion 6C					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
DLJNLF	PowerPlex® Fusion 6C Direct					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
DMUPAZ	GlobalFiler™					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
DXERXL	GlobalFiler™ Express					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
DY7PRT	GlobalFiler™					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	

TABLE 2

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

Item 1 - STR Results

E4UZQB	PowerPlex® Fusion 5C					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11		6,9.3	9,11	16,17	
E9982B	GlobalFiler™					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
EAX9QC	PowerPlex® Fusion					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11		6,9.3	9,11	16,17	
EETVN7	GlobalFiler™					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
EM8B62	GlobalFiler™ Express					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
ER3F7E	GlobalFiler™					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
ERECD4	GlobalFiler™					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	

TABLE 2

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

Item 1 - STR Results

EVF96J	GlobalFiler™ Express					
		15,17	18,24	10	15,17	11,12
	1		10,14	13		13,14
		9,12	12		17,22	12.2,14
		29,30	16	X,Y	11,12	25,26
		23.2,29.2	6,9.3	9,11	16,17	
EZEYKQ	Identifiler® Plus, GlobalFiler™					
		15,17	18,24	10,10	15,17	11,12
	1		10,14	13,13		13,14
		9,12	12,12		17,22	12.2,14
		29,30	16,16	X,Y	11,12	25,26
		23.2,29.2	6,9.3	9,11	16,17	
F3FVRD	PowerPlex® Fusion 6C Direct					
		15,17	18,24	10	15,17	11,12
	1		10,14	13		13,14
		9,12	12		17,22	12.2,14
		29,30	16	X,Y	11,12	25,26
	9,11	23.2,29.2	6,9.3	9,11	16,17	6,10
F7BDJW	Identifiler® Plus, GlobalFiler™					
		15,17	18,24	10	15,17	11,12
	1		10,14	13		13,14
		9,12	12		17,22	12.2,14
		29,30	16	X,Y	11,12	25,26
		23.2,29.2	6,9.3	9,11	16,17	
FB8D3E	Identifiler® Plus					
			18,24		15,17	11,12
	1		10,14	13,13		
		9,12	12,12		17,22	12.2,14
		29,30		X,Y	11,12	25,26
			6,9.3	9,11	16,17	
FE8GX9	GlobalFiler™					
		15,17	18,24	10	15,17	11,12
	1		10,14	13		13,14
		9,12	12		17,22	12.2,14
		29,30	16	X,Y	11,12	25,26
		23.2,29.2	6,9.3	9,11	16,17	
FF2WYQ	PowerPlex® Fusion 5C					
		15,17	18,24	10	15,17	11,12
	1		10,14	13		13,14
		9,12	12		17,22	12.2,14
		29,30	16	X,Y	11,12	25,26
	9,11		6,9.3	9,11	16,17	6,10

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 1 - STR Results

FF6UGU	PowerPlex® Fusion 6C					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
FFGVYM	PowerPlex® Fusion 6C					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
FHUZY7	GlobalFiler™					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
FKW2Y3	GlobalFiler™					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
FLBKQR	GlobalFiler™					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
FPW6XG	Investigator® 24plex QS					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
FRW6KE	Identifiler® Plus					
		18,24		15,17		11,12
1		10,14	13,13			
	9,12	12,12		17,22	12.2,14	
	29,30		X,Y	11,12	25,26	
			6,9.3	9,11	16,17	

TABLE 2

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

Item 1 - STR Results

FTA38P	PowerPlex® 21					
	15,17	18,24		15,17		11,12
1	15,18	10,14	13,13			15,18
	9,12	12,12		17,22	12.2,14	
	29,30		X,Y	11,12	25,26	6,10
	9,11		6,9.3	9,11	16,17	
G4NQBMM	GlobalFiler™					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
G9HLCU	PowerPlex® Fusion 6C					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
GAWHTF	PowerPlex® Fusion					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11		6,9.3	9,11	16,17	
GB7XBZ	PowerPlex® Fusion 6C					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
GHARD9	GlobalFiler™ Express					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
GHM9MF	GlobalFiler™ Express					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	

TABLE 2

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

Item 1 - STR Results

GJY7WQ	GlobalFiler™					
	15,17	18,24	10	15,17		11,12
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
GMWNUJ	PowerPlex® Fusion 6C					
	15,17	18,24	10	15,17		11,12
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
GQ3KT9	GlobalFiler™					
	15,17	18,24	10,10	15,17		11,12
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
GQZUK6	GlobalFiler™ , MiniFiler					
	15,17	18,24	10	15,17		11,12
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
GRACQ9	PowerPlex® ESI Fast					
	15,17	18,24	10,10	15,17		
			13,13		13,14	15,18
		12,12		17,22	12.2,14	
	29,30	16,16	X,Y		25,26	
		6,9.3		16,17		
GRCY8M	PowerPlex® Fusion 5C					
	15,17	18,24	10	15,17		11,12
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11		6,9.3	9,11	16,17	
GUZLNG	Identifiler® Plus					
		18,24		15,17		11,12
	9,12	12,12		17,22	12.2,14	
	29,30		X,Y	11,12	25,26	
			6,9.3	9,11	16,17	

TABLE 2

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

Item 1 - STR Results

GZ6YCL	PowerPlex® Fusion System, NGM SElect					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
H2DEJR	ESI 17					
	15,17	18,24	10,10	15,17		
1			13,13		13,14	15,18
		12,12		17,22	12.2,14	
	29,30	16,16	X,Y		25,26	
		23.2,29.2	6,9.3		16,17	
H2WTWN	GlobalFiler™					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
H3QFBD	PowerPlex® Fusion 5C					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11		6,9.3	9,11	16,17	
H42694	GlobalFiler™					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
H42DQF	Investigator® 24plex QS					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
H4YF47	GlobalFiler™					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	

TABLE 2

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

Item 1 - STR Results

H6ATTF	GlobalFiler™ Express					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
H6U2R7	PowerPlex® Fusion 6C					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
H7QCQE	PowerPlex® 16 HS					
				15,17		11,12
1		10,14	13,13			
	9,12	12,12		17,22		
	29,30		X,Y	11,12	25,26	6,10
	9,11		6,9.3	9,11	16,17	
HBYCUB	Identifiler® Plus					
		18,24		15,17		11,12
1		10,14	13,13			
	9,12	12,12		17,22	12.2,14	
	29,30		X,Y	11,12	25,26	
			6,9.3	9,11	16,17	
HKPVB4	GlobalFiler™					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
HMUG6W	PowerPlex® Fusion 6C					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
HRCEYD	GlobalFiler™					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	

TABLE 2

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

Item 1 - STR Results

HZ6UKB	PowerPlex® Fusion 6C Direct					
	15,17	18,24	10	15,17		11,12
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
J4XDYE	GlobalFiler™ Express					
	15,17	18,24	10	15,17		11,12
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
JBHBR9	PowerPlex® Fusion 6C Direct					
	15,17	18,24	10	15,17		11,12
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
JDJG6T	GlobalFiler™					
	15,17	18,24	10,10	15,17		11,12
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
JDQGDA	PowerPlex® 21					
	14,17.3	19,23		15,15		12,13
	12,17	8,10	12,15			20,20
	11,12	13,13		17,20	12,14	
	29,30		X,Y	9,11	21,24	2.2,5
JDQVQP	GlobalFiler™ Express					
	15,17	18,24	10,10	15,17	-	11,12
	-	10,14	13,13	-	13,14	15,18
	9,12	12,12	-	17,22	12.2,14	-
	29,30	16,16	X,Y	11,12	25,26	-
JFRK3B	GlobalFiler™					
	15,17	18,24	10	15,17		11,12
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	

TABLE 2

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

Item 1 - STR Results

JGKP94	GlobalFiler™					
1	15,17	18,24	10	15,17		11,12
		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
JWV7HQ	PowerPlex® Fusion 6C					
1	15,17	18,24	10	15,17		11,12
		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	26,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
JXAJ99	PowerPlex® 21					
1	15,17	18,24		15,17		11,12
	15,18	10,14	13,13			15,18
	9,12	12,12		17,22	12.2,14	
	29,30		X,Y	11,12	25,26	6,10
	9,11		6,9.3	9,11	16,17	
JXWRHD	GlobalFiler™					
1	15,17	18,24	10	15,17		11,12
		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
JYKCZ3	GlobalFiler™					
1	15,17	18,24	10,10	15,17		11,12
		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
K3JDBJ	PowerPlex® Fusion 6C					
1	15,17	18,24	10	15,17		11,12
		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
K8EZBY	PowerPlex® F6C					
1	15,17	18,24	10,10	15,17		11,12
		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	

TABLE 2

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

Item 1 - STR Results

K934TR	Identifiler® Plus, GlobalFiler™, Investigator® 24plex					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
K9Q7L2	GlobalFiler™, MiniFiler					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
KG3PEE	GlobalFiler™ Express					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
KLBAWJ	GlobalFiler™					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
KLUMB4	GlobalFiler™					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
KRJ8EJ	GlobalFiler™					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
KV3UZW	PowerPlex® F6C and Direct					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	

TABLE 2

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

Item 1 - STR Results

L96KEA	GlobalFiler™					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
LACVBD	PowerPlex® Fusion 6C					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
LB9FWR	GlobalFiler™					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
LBPCM7	PowerPlex® Fusion					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11		6,9.3	9,11	16,17	
LDU6EJ	PowerPlex® Fusion 6C					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
LET4XR	GlobalFiler™					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
LFKTRR	Identifiler® Plus, GlobalFiler™					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	

TABLE 2

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

Item 1 - STR Results

LQLMCX	PowerPlex® Fusion 6C					
	15,17	18,24	10	15,17		11,12
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
LRV4H3	PowerPlex® Fusion 6C					
	15,17	18,24	10	15,17		11,12
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
LRZJU4	GlobalFiler™					
	15,17	18,24	10,10	15,17		11,12
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
LULTVA	GlobalFiler™					
	15,17	18,24	10	15,17		11,12
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
M44YZC	GlobalFiler™					
	15,17	18,24	10	15,17		11,12
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
M7BJ4Y	Identifiler®					
		18,24		15,17		11,12
	9,12	12,12		17,22	12.2,14	
	29,30		X,Y	11,12	25,26	
			6,9.3	9,11	16,17	
M7R9CY	GlobalFiler™					
	15,17	18,24	10	15,17		11,12
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	

TABLE 2

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

Item 1 - STR Results

M9JAEF	Identifiler®, Investigator® 24plex					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
M9LWVU	PowerPlex® F6C					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
MJHZYN	PowerPlex® Fusion 6C					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
MNCYCX	GlobalFiler™					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
MP4VZR	Investigator® 24plex GO!					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
MQJ8M4	GlobalFiler™					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
MT3YGZ	GlobalFiler™					
	15,17	18,24	10,10	15,17	n/t	11,12
1	n/t	10,14	13,13	n/t	13,14	15,18
	9,12	12,12	n/t	17,22	12.2,14	n/t
	29,30	16,16	X,Y	11,12	25,26	n/t
	n/t	23.2,29.2	6,9.3	9,11	16,17	

TABLE 2

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

Item 1 - STR Results

N8KCP7	PowerPlex® 21					
	15,17	18,24		15,17		11,12
1	15,18	10,14	13,13			15,18
	9,12	12,12		17,22	12.2,14	
	29,30		X,Y	11,12	25,26	6,10
	9,11		6,9.3	9,11	16,17	
ND6LN3	PowerPlex® Fusion 6C					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
NJF8Q2	Identifiler® Plus					
		18,24		15,17		11,12
1		10,14	13,13			
	9,12	12,12		17,22	12.2,14	
	29,30		X,Y	11,12	25,26	
			6,9.3	9,11	16,17	
NK9R46	Identifiler® Plus					
		18,24		15,17		11,12
1		10,14	13,13			
	9,12	12,12		17,(21),22	12.2,14	
	29,30		X,Y	11,12	25,26	
			6,9.3	9,11	16,17	
NMYMB8	GlobalFiler™					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
NRPY9P	GlobalFiler™					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
NRQZPG	PowerPlex® Fusion 6C					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	

TABLE 2

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

Item 1 - STR Results

NUDQ28	GlobalFiler™					
	15,17	18,24	10	15,17		11,12
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
NVPYX8	PowerPlex® Fusion					
	15,17	18,24	10	15,17		11,12
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11		6,9.3	9,11	16,17	
NVTURR	PowerPlex® Fusion 6C					
	15,17	18,24	10	15,17		11,12
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
NYNDKX	Identifiler® Plus					
	18,24			15,17		11,12
	9,12	12,12		17,22	12.2,14	
	29,30		X,Y	11,12	25,26	
			6,9.3	9,11	16,17	
P78AC7	GlobalFiler™					
	15,17	18,24	10	15,17		11,12
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
PFDN3T	Identifiler® Plus, PowerPlex® FUSION					
	15,17	18,24	10	15,17		11,12
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11		6,9.3	9,11	16,17	
PFPKAJ	Identifiler® Direct					
	18,24			15,17		11,12
	9,12	12		17,22	12.2,14	
	29,30		X,Y	11,12	25,26	
			6,9.3	9,11	16,17	

TABLE 2

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

Item 1 - STR Results

PHHQXG	PowerPlex® Fusion 6C					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
PKM8FL	GlobalFiler™					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
PUTNXY	PowerPlex® Fusion 6C					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
PV6V8Y	GlobalFiler™					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
PVL8P6	PowerPlex® Fusion 6C Direct					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
PWD72H	GlobalFiler™					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
PWJFXN	Identifiler®					
		18,24		15,17		11,12
1		10,14	13,13			
	9,12	12,12		17,22	12.2,14	
	29,30		X,Y	11,12	25,26	
			6,9.3	9,11	16,17	

TABLE 2

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

Item 1 - STR Results

PX7L6L	GlobalFiler™					
	15,17	18,24	10	15,17	-	11,12
	-	10,14	13	-	13,14	15,18
	9,12	12	-	17,22	12,2,14	-
	29,30	16	X,Y	11,12	25,26	-
	-	23.2,29.2	6,9.3	9,11	16,17	
PY8RXU	PowerPlex® Fusion 6C					
	15,17	18,24	10	15,17		11,12
	-	10,14	13		13,14	15,18
	9,12	12		17,22	12,2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
Q4WLC7	Investigator® 24plex QS					
	15,17	18,24	10	15,17		11,12
	-	10,14	13		13,14	15,18
	9,12	12		17,22	12,2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
Q4XNX6	PowerPlex® Fusion 6C Direct					
	15,17	18,24	10	15,17		11,12
	-	10,14	13		13,14	15,18
	9,12	12		17,22	12,2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
Q7HDFW	GlobalFiler™					
	15,17	18,24	10	15,17		11,12
	-	10,14	13		13,14	15,18
	9,12	12		17,22	12,2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
Q98AWH	Identifiler® Plus					
		18,24		15,17		11,12
	-	10,14	13			
	9,12	12		17,22	12,2,14	
	29,30		X,Y	11,12	25,26	
		6,9.3	9,11	16,17		
Q9M8WE	PowerPlex® Fusion 6c					
	15,17	18,24	10,10	15,17		11,12
	-	10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12,2,14	
	29,30	16,16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	

TABLE 2

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

Item 1 - STR Results

QAZKR3	PowerPlex® 21					
	15,17	18,24		15,17		11,12
1	15,18	10,14	13,13			15,18
	9,12	12,12		17,22	12.2,14	
	29,30		X,Y	11,12	25,26	6,10
	9,11		6,9.3	9,11	16,17	
QER4FE	PowerPlex® Fusion 6C					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
QFLRYA	PowerPlex® Fusion 6C					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
QGH3YJ	PowerPlex® Fusion 6C					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
QGHV KC	PowerPlex® PP21					
	15,17	18,24		15,17		11,12
1	15,18	10,14	13			15,18
	9,12	12		17,22	12.2,14	
	29,30		X,Y	11,12	25,26	6,10
	9,11		6,9.3	9,11	16,17	
QGKNY6	GlobalFiler™					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
QHVZLV	Identifiler® Plus					
		18,24		15,17		11,12
1		10,14	13,13			
	9,12	12,12		17,22	12.2,14	
	29,30		X,Y	11,12	25,26	
			6,9.3	9,11	16,17	

TABLE 2

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

Item 1 - STR Results

QJ9AGU	GlobalFiler™					
1	15,17	18,24	10,10	15,17		11,12
		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
QJNL2K	GlobalFiler™					
1	15,17	18,24	10,10	15,17		11,12
		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
QLT9FB	Identifiler®, GlobalFiler™ Express					
1	15,17	18,24	10	15,17		11,12
		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
QU69AL	PowerPlex® Fusion 6C					
1	15,17	18,24	10,10	15,17		11,12
		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
QVXQ3U	Identifiler® Plus					
1		18,24		15,17		11,12
		10,14	13,13			
	9,12	12,12		17,22	12.2,14	
	29,30		X,Y	11,12	25,26	
			6,9.3	9,11	16,17	
R7Y7CC	GlobalFiler™					
1	15,17	18,24	10	15,17		11,12
		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
RFKKPA	GlobalFiler™					
1	15,17	18,24	10,10	15,17		11,12
		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	

TABLE 2

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

Item 1 - STR Results

RLQQAY	PowerPlex® Fusion 6C					
1	15,17	18,24	10	15,17		11,12
		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
RRD42U	ESI 17 FAST					
1	15,17	18,24	10,10	15,17		
			13,13		13,14	15,18
		12,12		17,22	12.2,14	
	29,30	16,16	X,Y		25,26	
		23.2,29.2	6,9.3		16,17	
RZT99D	PowerPlex® PP 21					
1	15,17	18,24		15,17		11,12
	15,18	10,14	13,13			15,18
	9,12	12,12		17,22	12.2,14	
	29,30		X,Y	11,12	25,26	6,10
	9,11		6,9.3	9,11	16,17	
T62X38	GlobalFiler™					
1	15,17	18,24	10	15,17		11,12
		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
T62ZRB	GlobalFiler™					
1	15,17	18,24	10,10	15,17		11,12
		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
T7QL3D	GlobalFiler™					
1	15,17	18,24	10	15,17		11,12
		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
TD86FL	GlobalFiler™					
1	15,17	18,24	10,10	15,17		11,12
		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	

TABLE 2

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

Item 1 - STR Results

TGA3QE	GlobalFiler™					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
TJ2V9C	PowerPlex® 21					
	15,17	18,24		15,17		11,12
1		10,14	13,13			15,18
	9,12	12,12		17,22	12.2,14	
	29,30		X,Y	11,12	25,26	6,10
	9,11		6,9.3	9,11	16,17	
TJYA9P	GlobalFiler™					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
TL9PVH	PowerPlex® Fusion 6C and 5C					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
TQG68R	Identifiler® Plus					
		18,24		15,17		11,12
1		10,14	13,13			
	9,12	12,12		17,22	12.2,14	
	29,30		X,Y	11,12	25,26	
			6,9.3	9,11	16,17	
TQZL88	GlobalFiler™					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
TRB932	Identifiler® Plus					
		18,24		15,17		11,12
1		10,14	13,13			
	9,12	12,12		17,22	12.2,14	
	29,30		X,Y	11,12	25,26	
			6,9.3	9,11	16,17	

TABLE 2

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

Item 1 - STR Results

TXKGCH	PowerPlex® Fusion 6C					
1	15,17	18,24	10,10	15,17		11,12
		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
TYAKRP	PowerPlex® FUSION, GlobalFiler™					
1	15,17	18,24	10	15,17		11,12
		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
TZLPE8	PowerPlex® Fusion 6C					
1	15,17	18,24	10	15,17		11,12
		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
U2F6FP	Identifiler® Direct					
1	-	18,24	-	15,17	-	11,12
		10,14	13			
	9,12	12		17,22	12.2,14	
	29,30	-	X,Y	11,12	25,26	-
	-	-	6,9.3	9,11	16,17	
U2WJJT	PowerPlex® Fusion 6C					
1	15,17	18,24	10	15,17		11,12
		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
U7PT3K	GlobalFiler™					
1	15,17	18,24	10,10	15,17		11,12
		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
U9YWUB	GlobalFiler™					
1	15,17	18,24	10	15,17		11,12
		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	

TABLE 2

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

Item 1 - STR Results

UCDPRV	Identifiler® Plus					
		18,24		15,17		11,12
1		10,14	13,13			
		9,12	12,12	17,22	12.2,14	
		29,30	X,Y	11,12	25,26	
			6,9.3	9,11	16,17	
UDBYMY	PowerPlex® 21					
		15,17	18,24	15,17		11,12
1		15,18	10,14	13,13		15,18
		9,12	12,12	17,22	12.2,14	
		29,30	X,Y	11,12	25,26	6,10
		9,11	6,9.3	9,11	16,17	
UFH4E2	PowerPlex® Fusion 6C					
		15,17	18,24	10	15,17	11,12
1		10,14	13		13,14	15,18
		9,12	12	17,22	12.2,14	
		29,30	16	X,Y	11,12	25,26
		9,11	23.2,29.2	6,9.3	9,11	16,17
UPLMC	GlobalFiler™					
		15,17	18,24	10	15,17	11,12
1		10,14	13		13,14	15,18
		9,12	12	17,22	12.2,14	
		29,30	16	X,Y	11,12	25,26
			23.2,29.2	6,9.3	9,11	16,17
UR47LE	Identifiler® Direct					
		18,24		15,17		11,12
1		10,14	13			
		9,12	12	17,22	12.2,14	
		29,30	X,Y	11,12	25,26	
			6,9.3	9,11	16,17	
URP8FP	PowerPlex® Fusion 6C					
		15,17	18,24	10,10	15,17	11,12
1		10,14	13,13		13,14	15,18
		9,12	12,12	17,22	12.2,14	
		29,30	16,16	X,Y	11,12	25,26
		9,11	23.2,29.2	6,9.3	9,11	16,17
UUCQKT	GlobalFiler™					
		15,17	18,24	10	15,17	11,12
1		10,14	13		13,14	15,18
		9,12	12	17,22	12.2,14	
		29,30	16	X,Y	11,12	25,26
			23.2,29.2	6,9.3	9,11	16,17

TABLE 2

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

Item 1 - STR Results

V4G39B	PowerPlex® Fusion 6C					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
V7P768	GlobalFiler™, Globalfiler Express					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
V8VQT8	GlobalFiler™ Express					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
VBZGX2	Investigator® 24plex QS					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
VEGNJF	PowerPlex® Fusion 6C					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
VKLG3F	GlobalFiler™					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
VLXRE4	SureID					
	15,17	18,24		15,17		11,12
1	15,18	10,14	13			15,18
	9,12	12		17,22	12.2,14	
	29,30		X,Y	11,12	25,26	6,10
	9,11		6,9.3	9,11	16,17	

TABLE 2

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

Item 1 - STR Results

WWCG3T	GlobalFiler™					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
VZX4VF	GlobalFiler™					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
VZZT66	PowerPlex® Fusion 6C					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
W66WK6	GlobalFiler™					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
W96UNP	Identifiler® Plus					
		18,24		15,17		11,12
1		10,14	13			
	9,12	12		17,22	12.2,14	
	29,30		X,Y	11,12	25,26	
			6,9.3	9,11	16,17	
WF947W	PowerPlex® Fusion 6c Direct					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
WGZ3HA	Identifiler® Direct					
	-	18,24	-	15,17	-	11,12
1		10,14	13			
	9,12	12		17,22	12.2,14	
	29,30	-	X,Y	11,12	25,26	-
	-	-	6,9.3	9,11	16,17	

TABLE 2

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

Item 1 - STR Results

WM84UK	GlobalFiler™ Express					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
WPV7NR	GlobalFiler™					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
WQMTUM	Identifiler® Direct					
		18,24		15,17		11,12
1		10,14	13			
	9,12	12		17,22	12.2,14	
	29,30		X,Y	11,12	25,26	
			6,9.3	9,11	16,17	
WU3QCN	GlobalFiler™					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
WUQWU4	PowerPlex® Fuscion 6C					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
WWE77P	GlobalFiler™					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
WX6KEZ	GlobalFiler™					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	

TABLE 2

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

Item 1 - STR Results

WXAUKE	PowerPlex® Fusion 6C					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12,2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23,2,29,2	6,9,3	9,11	16,17	
WYZKJL	Identifiler® Direct					
		18,24		15,17		11,12
1		10,14	13,13			
	9,12	12,12		17,22	12,2,14	
	29,30		X,Y	11,12	25,26	
			6,9,3	9,11	16,17	
X7G7W3	GlobalFiler™, Globalfiler Express					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12,2,14	
	29,30	16	X,Y	11,12	25,26	
		23,2,29,2	6,9,3	9,11	16,17	
X8QZT3	PowerPlex® Fusion 6C					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12,2,14	
	29,30	16,16	X,Y	11,12	25,26	6,10
	9,11	23,2,29,2	6,9,3	9,11	16,17	
XAERLK	PowerPlex® Fusion 6C					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12,2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23,2,29,2	6,9,3	9,11	16,17	
XJ2TZ9	GlobalFiler™					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12,2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23,2,29,2	6,9,3	9,11	16,17	
XJKAKH	PowerPlex® Fusion 5C					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12,2,14	
	29,30	16,16	X,Y	11,12	25,26	6,10
	9,11		6,9,3	9,11	16,17	

TABLE 2

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

Item 1 - STR Results

XQLQQG	GlobalFiler™					
	15,17	18,24	10,10	15,17		11,12
	10,14		13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
	23.2,29.2	6,9.3	9,11	16,17		
XRV7DA	PowerPlex® Fusion 5C					
	15,17	18,24	10	15,17		11,12
	10,14		13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	6,9.3	9,11	16,17		
XW9BZP	GlobalFiler™					
	15,17	18,24	10	15,17		11,12
	10,14		13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
	23.2,29.2	6,9.3	9,11	16,17		
Y47KL8	GlobalFiler™					
	15,17	18,24	10	15,17		11,12
	10,14		13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
	23.2,29.2	6,9.3	9,11	16,17		
Y79JWZ	PowerPlex® Fusion 6C					
	15,17	18,24	10	15,17		11,12
	10,14		13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
YBM7MY	PowerPlex® fusion 6C					
	15,17	18,24	10,10	15,17		11,12
	10,14		13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
YH9UNV	PowerPlex® Fusion 6C					
	15,17	18,24	10	15,17		11,12
	10,14		13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	

TABLE 2

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

Item 1 - STR Results

YLPR8Y	Identifiler® Plus					
		18,24		15,17		11,12
1		10,14	13,13			
	9,12	12,12		17,22	12.2,14	
	29,30		X,Y	11,12	25,26	
			6,9.3	9,11	16,17	
YVU2C4	PowerPlex® Fusion					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11		6,9.3	9,11	16,17	
YX4E86	GlobalFiler™					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
Z3NWXL	GlobalFiler™					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
Z6VC9X	GlobalFiler™					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
Z7MEUR	Identifiler® Plus					
		18,24		15,17		11,12
1		10,14	13,13			
	9,12	12,12		17,22	12.2,14	
	29,30		X,Y	11,12	25,26	
			6,9.3	9,11	16,17	
ZAQ3DN	PowerPlex® Fusion					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11		6,9.3	9,11	16,17	

TABLE 2

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

Item 1 - STR Results

ZGPC32	PowerPlex® Fusion 6C, GlobalFiler™					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
ZRL767	Identifiler®, MiniFiler					
		18,24		15,17		11,12
1		10,14	13			
	9,12	12		17,22	12.2,14	
	29,30		X,Y	11,12	25,26	
			6,9.3	9,11	16,17	
ZTHY9W	PowerPlex® Fusion 6C					
	15,17	18,24	10,10	15,17		11,12
1		10,14	13,13		13,14	15,18
	9,12	12,12		17,22	12.2,14	
	29,30	16,16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	
ZWH6PN	GlobalFiler™					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	
		23.2,29.2	6,9.3	9,11	16,17	
ZWXQYP	PowerPlex® Fusion 6C					
	15,17	18,24	10	15,17		11,12
1		10,14	13		13,14	15,18
	9,12	12		17,22	12.2,14	
	29,30	16	X,Y	11,12	25,26	6,10
	9,11	23.2,29.2	6,9.3	9,11	16,17	

TABLE 2

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

Item 2 - STR Results

2CUZLV	GlobalFiler™						
	14,17.3	19,23	10,11	15		12,13	
	2	8,10	12,15		14	20	
	11,12	13		17,20	12,14		
	29,30	10,12	X,Y	9,11	21,24		
	11.2,22	7	8	16			
2LGYEL	GlobalFiler™						
	14,17.3	19,23	10,11	15		12,13	
	2	8,10	12,15		14	20	
	11,12	13		17,20	12,14		
	29,30	10,12	X,Y	9,11	21,24		
	11.2,22	7	8	16			
2NMJZ2	GlobalFiler™						
	14,17.3	19,23	10,11	15		12,13	
	2	8,10	12,15		14	20	
	11,12	13		17,20	12,14		
	29,30	10,12	X,Y	9,11	21,24		
	11.2,22	7	8	16			
2QDQHC	GlobalFiler™						
	14,17.3	19,23	10,11	15,15		12,13	
	2	8,10	12,15		14,14	20,20	
	11,12	13,13		17,20	12,14		
	29,30	10,12	X,Y	9,11	21,24		
	11.2,22	7,7	8,8	16,16			
2U94W9	GlobalFiler™						
	14,17.3	19,23	10,11	15	-	12,13	
	2	-	8,10	12,15	-	14	20
	11,12	13	-	17,20	12,14	-	
	29,30	10,12	X,Y	9,11	21,24	-	
	-	11.2,22	7	8	16		
2UEPZW	Investigator® 24plex QS						
	14,17.3	19,23	10,11	15		12,13	
	2	8,10	12,15		14	20	
	11,12	13		17,20	12,14		
	29,30	10,12	X,Y	9,11	21,24		
	11.2,22	7	8	16			
334WV8	GlobalFiler™						
	14,17.3	19,23	10,11	15		12,13	
	2	8,10	12,15		14	20	
	11,12	13		17,20	12,14		
	29,30	10,12	X,Y	9,11	21,24		
	11.2,22	7	8	16			

TABLE 2

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

Item 2 - STR Results

368U3U	GlobalFiler™ Express					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	
369FZV	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	
38BKBU	Investigator® 24plex QS					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	
3AL6HJ	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	
3AWAQ2	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
2		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7,7	8,8	16,16	
3BUMAM	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
3D6R6J	Identifiler® Plus					
		19,23		15,15		12,13
2		8,10	12,15			
	11,12	13,13		17,20	12,14	
	29,30		X,Y	9,11	21,24	
			7,7	8,8	16,16	

TABLE 2

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

Item 2 - STR Results

3F7J4N	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
	2	8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
	11.2,22	7,7	8,8	16,16		
3JPK3G	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15,15		12,13
	2	8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7,7	8,8	16,16	
3M4PQX	Identifiler® Plus					
		19,23		15		12,13
	2	8,10	12,15			
	11,12	13		17,20	12,14	
	29,30		X,Y	9,11	21,24	
		7	8	16		
3QPVHM	Identifiler® Plus					
		19,23		15,15		12,13
	2	8,10	12,15			
	11,12	13,13		17,20	12,14	
	29,30		X,Y	9,11	21,24	
		7,7	8,8	16,16		
3QQWYE	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
3U78CH	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
	11.2,22	7	8	16		
3V2UMZ	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	

TABLE 2

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

Item 2 - STR Results

3WA6GJ	PowerPlex® Fusion					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16		7	8	16	
42LAQX	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
43FHUV	PowerPlex® 6C					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
43HH6A	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	
48BCRW	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
2		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7,7	8,8	16,16	
4BCQLU	GlobalFiler™ Express					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	
4BCQNE	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	

TABLE 2

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

Item 2 - STR Results

4BNK7Z	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
	11.2,22	7	8	16		
4FKLGA	Identifiler® Plus, GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
	11.2,22	7	8	16		
4L8WJY	Identifiler®, GlobalFiler™, GlobalFiler Express					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
	11.2,22	7	8	16		
4NEG3R	GlobalFiler™ Express					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
	11.2,22	7	8	16		
4Q4QB9	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
	2	8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
	11.2,22	7,7	8,8	16,16		
4TURHG	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
	11.2,22	7	8	16		
4UJ3BV	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15,15		12,13
	2	8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7,7	8,8	16,16	

TABLE 2

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

Item 2 - STR Results

4WPNYV	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15,15		12,13
2		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7,7	8,8	16,16	
62J8UL	GlobalFiler™ Express					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	
62XERT	Identifiler® Plus					
		19,23		15,15		12,13
2		8,10	12,15			
	11,12	13,13		17,20	12,14	
	29,30		X,Y	9,11	21,24	
			7,7	8,8	16,16	
68368T	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15,15		12,13
2		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7,7	8,8	16,16	
68RE7N	PowerPlex® 21					
	14,17.3	19,23		15,15		12,13
2	12,17	8,10	12,15			20,20
	11,12	13,13		17,20	12,14	
	29,30		X,Y	9,11	21,24	2.2,5
	5,16		7,7	8,8	16,16	
6DAVCJ	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	
6LQ678	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15,15		12,13
2		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7,7	8,8	16,16	

TABLE 2

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

Item 2 - STR Results

6QK2TD	PowerPlex® Fusion 6C-Direct					
		14,17.3	19,23	10,11	15	12,13
	2		8,10	12,15		20
		11,12	13		17,20	12,14
		29,30	10,12	X,Y	9,11	21,24
		5,16	11.2,22	7	8	16
6QX4N8	PowerPlex® 5C, 6C					
		14,17.3	19,23	10,11	15	12,13
	2		8,10	12,15		20
		11,12	13		17,20	12,14
		29,30	10,12	X,Y	9,11	21,24
		5,16	11.2,22	7	8	16
6QYX8D	Identifiler® Plus, PowerPlex® FUSION					
		14,17.3	19,23	10,11	15	12,13
	2		8,10	12,15		20
		11,12	13		17,20	12,14
		29,30	10,12	X,Y	9,11	21,24
		5,16		7	8	16
6RPUGK	PowerPlex® Fusion 6C					
		14,17.3	19,23	10,11	15	12,13
	2		8,10	12,15		20
		11,12	13		17,20	12,14
		29,30	10,12	X,Y	9,11	21,24
		5,16	11.2,22	7	8	16
6UFQC7	GlobalFiler™					
		14,17.3	19,23	10,11	15	12,13
	2		8,10	12,15		20
		11,12	13		17,20	12,14
		29,30	10,12	X,Y	9,11	21,24
			11.2,22	7	8	16
6WLGEE	PowerPlex® Fusion 6C					
		14,17.3	19,23	10,11	15,15	12,13
	2		8,10	12,15		20,20
		11,12	13,13		17,20	12,14
		29,30	10,12	X,Y	9,11	21,24
		5,16	11.2,22	7,7	8,8	16,16
6XEWGH	GlobalFiler™					
		14,17.3	19,23	10,11	15,15	12,13
	2	NT	8,10	12,15	NT	20,20
		11,12	13,13	NT	17,20	12,14
		29,30	10,12	X,Y	9,11	21,24
		NT	11.2,22	7,7	8,8	16,16

TABLE 2

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

Item 2 - STR Results

76RAV8	PowerPlex® Fusion 5C, Investigator® 24plex					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
76V6PR	GlobalFiler™ Express					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	
779WH9	PowerPlex® Fusion					
	14,17.3	19,23	10,11	15,15		12,13
2		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16		7,7	8,8	16,16	
79EEJQ	Investigator® 24plex QS					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	
7E28T4	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
7ENDC4	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	
7HGJMZ	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15,15		12,13
2		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7,7	8,8	16,16	

TABLE 2

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

Item 2 - STR Results

7HZHLJ	PowerPlex® Fusion 5C					
	14,17.3	19,23	10,11	15	N/A	12,13
2	N/A	8,10	12,15	N/A	14	20
	11,12	13	N/A	17,20	12,14	N/A
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	N/A	7	8	16	
7UA34Q	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15,15		12,13
2		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7,7	8,8	16,16	
7VCN2R	PowerPlex® Fusion 6C, Investigator® 24plex QS					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
7XFJKU	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	
7XVPZK	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
7XV6L	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
2		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7,7	8,8	16,16	
7ZKG6H	GlobalFiler™					
	14,17.3	19,23	10,11	15,15	-	12,13
2	-	8,10	12,15	-	14,14	20,20
	11,12	13,13	-	17,20	12,14	-
	29,30	10,12	X,Y	9,11	21,24	-
	-	11.2,22	7,7	8,8	16,16	

TABLE 2

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

Item 2 - STR Results

87264X	PowerPlex® Fusion 5C					
	14,17.3	19,23	10,11	15,15		12,13
2		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16		7,7	8,8	16,16	
8BYXDF	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
2		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7,7	8,8	16,16	
8CCZ42	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
2		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7,7	8,8	16,16	
8D37LC	GlobalFiler™ , MiniFiler					
	14,17.3	19,23	10,11	15,15		12,13
2		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7,7	8,8	16,16	
8EWGCT	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
2		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7,7	8,8	16,16	
8FRRUU	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	
8GQ6VN	Identifiler® Plus					
		19,23		15,15		12,13
2		8,10	12,15			
	11,12	13,13		17,20	12,14	
	29,30		X,Y	9,11	21,24	
			7,7	8,8	16,16	

TABLE 2

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

Item 2 - STR Results

8PFNUA	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
	2	8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
	11.2,22	7,7	8,8	16,16		
8TZBTN	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
	2	8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
	11.2,22	7,7	8,8	16,16		
8WZLNN	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
	2	8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
	11.2,22	7,7	8,8	16,16		
8Y2PFB	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
8Y2RYN	PowerPlex® Fusion					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16		7	8	16	
96QEKL	PowerPlex® Fusion 6C Direct					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
9DXVW8	GlobalFiler™ Express					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
	11.2,22	7	8	16		

TABLE 2

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

Item 2 - STR Results

9MPCLB	Identifiler® Direct	19,23		15		12,13
2		8,10	12,15			
		11,12	13	17,20	12,14	
		29,30	X,Y	9,11	21,24	
			7	8	16	
9RKFLM	PowerPlex® Fusion 5C	14,17.3	19,23	10,11	15	12,13
2		8,10	12,15		14	20
		11,12	13	17,20	12,14	
		29,30	10,12	X,Y	9,11	21,24
		5,16	7	8	16	
9X7WAD	GlobalFiler™	14,17.3	19,23	10,11	15,15	12,13
2		8,10	12,15		14,14	20,20
		11,12	13,13	17,20	12,14	
		29,30	10,12	X,Y	9,11	21,24
			11.2,22	7,7	8,8	16,16
A248PQ	PowerPlex® Fusion	14,17.3	19,23	10,11	15	12,13
2		8,10	12,15		14	20
		11,12	13	17,20	12,14	
		29,30	10,12	X,Y	9,11	21,24
		5,16	11.2,22	7	8	16
A4AUZA	GlobalFiler™	14,17.3	19,23	10,11	15,15	12,13
2		8,10	12,15		14,14	20,20
		11,12	13,13	17,20	12,14	
		29,30	10,12	X,Y	9,11	21,24
			11.2,22	7,7	8,8	16,16
A4THKQ	PowerPlex® Fusion 6C	14,17.3	19,23	10,11	15,15	12,13
2		8,10	12,15		14,14	20,20
		11,12	13,13	17,20	12,14	
		29,30	10,12	X,Y	9,11	21,24
		5,16	11.2,22	7,7	8,8	16,16
A6JU4W	GlobalFiler™	14,17.3	19,23	10,11	15	12,13
2		8,10	12,15		14	20
		11,12	13	17,20	12,14	
		29,30	10,12	X,Y	9,11	21,24
			11.2,22	7	8	16

TABLE 2

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

Item 2 - STR Results

A7W74L	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	
AFJWEZ	ESI 17					
	14,17.3	19,23	10,11	15,15		
2			12,15		14,14	20,20
		13,13		17,20	12,14	
	29,30	10,12	X,Y		21,24	
		11.2,22	7,7		16,16	
AMKNTG	PowerPlex® F6C					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
AU3Z4W	PowerPlex® F6C					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
AU7FJH	PowerPlex® Fusion 6C Direct					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
B9X2DV	PowerPlex® Fusion 5C					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16		7	8	16	
BCFNLA	ESI 17 Fast					
	14,17.3	19,23	10,11	15,15		
2			12,15		14,14	20,20
		13,13		17,20	12,14	
	29,30	10,12	X,Y		21,24	
		11.2,22	7,7		16,16	

TABLE 2

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

Item 2 - STR Results

BHLKKU 2	PowerPlex® Fusion 5C					
	14,17.3	19,23	10,11	15,15		12,13
		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	7,7	8,8	16,16		
BHRRUH 2	PowerPlex® 21					
	14,17.3	19,23		15,15		12,13
		8,10	12,15			20,20
	11,12	13,13		17,20	12,14	
	29,30		X,Y	9,11	21,24	2.2,5
	5,16	7,7	8,8	16,16		
BKVRNM 2	GlobalFiler™ Express					
	14,17.3	19,23	10,11	15		12,13
		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	
BL7G3T 2	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15		12,13
		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
BMFQVQ 2	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15		12,13
		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
BT6WYR 2	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	
BTNBDK 2	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7,7	8,8	16,16	

TABLE 2

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

Item 2 - STR Results

BUXMQ8	Identifiler® Plus, PowerPlex® FUSION					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16		7	8	16	
C3B4AL	GlobalFiler™ Express					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	
C3M6PT	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
CARYR2	Investigator® 24plex GO!					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	
CB2UQM	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15,15		12,13
2		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7,7	8,8	16,16	
CFUGG9	Identifiler® Plus					
		19,23		15,15		12,13
2		8,10	12,15			
	11,12	13,13		17,20	12,14	
	29,30		X,Y	9,11	21,24	
			7,7	8,8	16,16	
CHJH7A	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	

TABLE 2

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

Item 2 - STR Results

CKPM44	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
	2	8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
	11.2,22	7,7	8,8	16,16		
CN7ACH	Identifiler® Plus					
	19,23			15,15		12,13
	2	8,10	12,15			
	11,12	13,13		17,20	12,14	
	29,30		X,Y	9,11	21,24	
		7,7	8,8	16,16		
CVP9B3	PowerPlex® fusion 6c					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
CXQJXQ	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
D7KEQ2	PowerPlex® FUSION 5C					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16		7	8	16	
D8FLJY	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
	2	8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
	11.2,22	7,7	8,8	16,16		
DD2GK3	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
	2	8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
	11.2,22	7,7	8,8	16,16		

TABLE 2

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

Item 2 - STR Results

DF8YKJ	GlobalFiler™ Express					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	
DHJRLD	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
2		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7,7	8,8	16,16	
DKMAXM	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
DLJNLF	PowerPlex® Fusion 6C Direct					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
DMUPAZ	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
2		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7,7	8,8	16,16	
DXERXL	Identifiler® Plus					
		19,23		15,15		12,13
2		8,10	12,15			
	11,12	13,13		17,20	12,14	
	29,30		X,Y	9,11	21,24	
			7,7	8,8	16,16	
DY7PRT	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	

TABLE 2

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

Item 2 - STR Results

E4UZQB	PowerPlex® 5C					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16		7	8	16	
E9982B	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	
EAX9QC	PowerPlex® Fusion					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16		7	8	16	
EETVN7	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	
EM8B62	GlobalFiler™ Express					
	14,17.3	19,23	10,11	15,15		12,13
	2	8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7,7	8,8	16,16	
ER3F7E	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
	2	8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7,7	8,8	16,16	
ERECD4	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
	2	8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7,7	8,8	16,16	

TABLE 2

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

Item 2 - STR Results

EVF96J	GlobalFiler™ Express					
		14,17.3	19,23	10,11	15	12,13
	2		8,10	12,15		20
		11,12	13		17,20	12,14
		29,30	10,12	X,Y	9,11	21,24
		11.2,22	7	8	16	
EZEYKQ	Identifiler® Plus, GlobalFiler™					
		14,17.3	19,23	10,11	15,15	12,13
	2		8,10	12,15		20,20
		11,12	13,13		17,20	12,14
		29,30	10,12	X,Y	9,11	21,24
		11.2,22	7,7	8,8	16,16	
F3FVRD	PowerPlex® Fusion 6C Direct					
		14,17.3	19,23	10,11	15	12,13
	2		8,10	12,15		20
		11,12	13		17,20	12,14
		29,30	10,12	X,Y	9,11	21,24
	5,16	11.2,22	7	8	16	2.2,5
F7BDJW	Identifiler® Plus, GlobalFiler™					
		14,17.3	19,23	10,11	15	12,13
	2		8,10	12,15		20
		11,12	13		17,20	12,14
		29,30	10,12	X,Y	9,11	21,24
		11.2,22	7	8	16	
FB8D3E	Identifiler® Plus					
			19,23		15,15	12,13
	2		8,10	12,15		
		11,12	13,13		17,20	12,14
		29,30		X,Y	9,11	21,24
			7,7	8,8	16,16	
FE8GX9	GlobalFiler™					
		14,17.3	19,23	10,11	15	12,13
	2		8,10	12,15		20
		11,12	13		17,20	12,14
		29,30	10,12	X,Y	9,11	21,24
		11.2,22	7	8	16	
FF2WYQ	PowerPlex® Fusion 5C					
		14,17.3	19,23	10,11	15	12,13
	2		8,10	12,15		20
		11,12	13		17,20	12,14
		29,30	10,12	X,Y	9,11	21,24
	5,16		7	8	16	2.2,5

TABLE 2

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

FF6UGU	PowerPlex® Fusion 6C					
		14,17.3	19,23	10,11	15	12,13
	2		8,10	12,15		20
		11,12	13		17,20	12,14
		29,30	10,12	X,Y	9,11	21,24
	5,16	11.2,22	7	8	16	
FFGVYM	PowerPlex® Fusion 6C					
		14,17.3	19,23	10,11	15	12,13
	2		8,10	12,15		20
		11,12	13		17,20	12,14
		29,30	10,12	X,Y	9,11	21,24
	5,16	11.2,22	7	8	16	
FHUZY7	GlobalFiler™					
		14,17.3	19,23	10,11	15,15	12,13
	2		8,10	12,15		20,20
		11,12	13,13		17,20	12,14
		29,30	10,12	X,Y	9,11	21,24
		11.2,22	7,7	8,8	16,16	
FKW2Y3	GlobalFiler™					
		14,17.3	19,23	10,11	15,15	12,13
	2		8,10	12,15		20,20
		11,12	13,13		17,20	12,14
		29,30	10,12	X,Y	9,11	21,24
		11.2,22	7,7	8,8	16,16	
FLBKQR	GlobalFiler™					
		14,17.3	19,23	10,11	15	12,13
	2		8,10	12,15		20
		11,12	13		17,20	12,14
		29,30	10,12	X,Y	9,11	21,24
		11.2,22	7	8	16	
FPW6XG	Investigator® 24plex QS					
		14,17.3	19,23	10,11	15	12,13
	2		8,10	12,15		20
		11,12	13		17,20	12,14
		29,30	10,12	X,Y	9,11	21,24
		11.2,22	7	8	16	
FRW6KE	Identifiler® Plus					
			19,23		15,15	12,13
	2		8,10	12,15		
		11,12	13,13		17,20	12,14
		29,30		X,Y	9,11	21,24
			7,7	8,8	16,16	

TABLE 2

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

Item 2 - STR Results

FTA38P	PowerPlex® 21					
	14,17.3	19,23		15,15		12,13
2	12,17	8,10	12,15			20,20
	11,12	13,13		17,20	12,14	
	29,30		X,Y	9,11	21,24	2.2,5
	5,16		7,7	8,8	16,16	
G4NQBM	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
2		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7,7	8,8	16,16	
G9HLCU	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15,15		12,13
2		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7,7	8,8	16,16	
GAWHTF	PowerPlex®					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16		7	8	16	
GB7XBZ	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
GHARD9	Identifiler® Plus					
		19,23		15,15		12,13
2		8,10	12,15			
	11,12	13,13		17,20	12,14	
	29,30		X,Y	9,11	21,24	
			7,7	8,8	16,16	
GHM9MF	GlobalFiler™ Express					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	

TABLE 2

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

Item 2 - STR Results

GJY7WQ	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
	11.2,22	7	8	16		
GMWNUJ	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
GQ3KT9	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
	2	8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7,7	8,8	16,16	
GQZUK6	GlobalFiler™, MiniFiler					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	
GRACQ9	PowerPlex® ESI-Fast					
	14,17.3	19,23	10,11	15,15		
	2		12,15		14,14	20,20
		13,13		17,20	12,14	
	29,30	10,12	X,Y		21,24	
			7,7	16,16		
GRCY8M	PowerPlex® Fusion 5C					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16		7	8	16	
GUZLNG	Identifiler® Plus					
		19,23		15,15		12,13
	2	8,10	12,15			
	11,12	13,13		17,20	12,14	
	29,30		X,Y	9,11	21,24	
		7,7	8,8	16,16		

TABLE 2

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

Item 2 - STR Results

GZ6YCL	PowerPlex® Fusion System, NGM SElect					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
H2DEJR	ESI 17					
	14,17.3	19,23	10,11	15,15		
2			12,15		14,14	20,20
		13,13		17,20	12,14	
	29,30	10,12	X,Y		21,24	
		11.2,22	7,7		16,16	
H2WTWN	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	
H3QFBD	PowerPlex® Fusion 5C					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	[10],12	X,Y	9,11	21,24	2.2,5
	5,16		7	8	16	
H42694	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
2		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7,7	8,8	16,16	
H42DQF	Investigator® 24plex QS					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	
H4YF47	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
2		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7,7	8,8	16,16	

TABLE 2

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

Item 2 - STR Results

H6ATTF	GlobalFiler™ Express					
		14,17.3	19,23	10,11	15	12,13
	2		8,10	12,15		20
		11,12	13		17,20	12,14
		29,30	10,12	X,Y	9,11	21,24
		11.2,22	7	8	16	
H6U2R7	PowerPlex® Fusion 6C					
		14,17.3	19,23	10,11	15	12,13
	2		8,10	12,15		20
		11,12	13		17,20	12,14
		29,30	10,12	X,Y	9,11	21,24
	5,16	11.2,22	7	8	16	2.2,5
H7QCQE	PowerPlex® 16 HS					
					15,15	12,13
	2		8,10	12,15		
		11,12	13,13		17,20	
		29,30		X,Y	9,11	21,24
	5,16		7,7	8,8	16,16	
HBYCUB	Identifiler® Plus					
			19,23		15,15	12,13
	2		8,10	12,15		
		11,12	13,13		17,20	12,14
		29,30		X,Y	9,11	21,24
			7,7	8,8	16,16	
HKPVB4	GlobalFiler™					
		14,17.3	19,23	10,11	15	12,13
	2		8,10	12,15		20
		11,12	13		17,20	12,14
		29,30	10,12	X,Y	9,11	21,24
		11.2,22	7	8	16	
HMUG6W	PowerPlex® Fusion 6C					
		14,17.3	19,23	10,11	15	12,13
	2		8,10	12,15		20
		11,12	13		17,20	12,14
		29,30	10,12	X,Y	9,11	21,24
	5,16	11.2,22	7	8	16	2.2,5
HRCEYD	GlobalFiler™					
		14,17.3	19,23	10,11	15	12,13
	2		8,10	12,15		20
		11,12	13		17,20	12,14
		29,30	10,12	X,Y	9,11	21,24
		11.2,22	7	8	16	

TABLE 2

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

Item 2 - STR Results

HZ6UKB 2	PowerPlex® Fusion 6C Direct					
	14,17.3	19,23	10,11	15		12,13
	8,10		12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
J4XDYE 2	GlobalFiler™ Express					
	14,17.3	19,23	10,11	15		12,13
	8,10		12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	
JBHBR9 2	PowerPlex® Fusion 6C Direct					
	14,17.3	19,23	10,11	15		12,13
	8,10		12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
JDJG6T 2	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
	8,10		12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7,7	8,8	16,16	
JDQGDA 2	PowerPlex® 21					
	15,17	18,24		15,17		11,12
	15,18	10,14	13,13			15,18
	9,12	12,12		17,22	12.2,14	
	29,30		X,Y	11,12	25,26	6,10
	9,11		6,9.3	9,11	16,17	
JDQVQP 2	GlobalFiler™ Express					
	14,17.3	19,23	10,11	15,15	-	12,13
	-	8,10	12,15	-	14,14	20,20
	11,12	13,13	-	17,20	12,14	-
	29,30	10,12	X,Y	9,11	21,24	-
	-	11.2,22	7,7	8,8	16,16	
JFRK3B 2	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
	8,10		12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	

TABLE 2

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

Item 2 - STR Results

JGKP94	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	
JWV7HQ	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
JXAJ99	PowerPlex® 21					
	14,17.3	19,23		15,15		12,13
2	12,17	8,10	12,15			20,20
	11,12	13,13		17,20	12,14	
	29,30		X,Y	9,11	21,24	2.2,5
	5,16		7,7	8,8	16,16	
JXWRHD	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	
JYKCZ3	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
2		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7,7	8,8	16,16	
K3JDBJ	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
K8EZBY	PowerPlex® F6C					
	14,17.3	19,23	10,11	15,15		12,13
2		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7,7	8,8	16,16	

TABLE 2

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

Item 2 - STR Results

K934TR	Identifiler® Plus, GlobalFiler™, Investigator® 24plex					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	
K9Q7L2	GlobalFiler™, MiniFiler					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	
KG3PEE	Identifiler® Plus					
		19,23		15,15		12,13
2		8,10	12,15			
	11,12	13,13		17,20	12,14	
	29,30		X,Y	9,11	21,24	
			7,7	8,8	16,16	
KLBAWJ	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	
KLUMB4	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
2		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7,7	8,8	16,16	
KRJ8EJ	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
2		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7,7	8,8	16,16	
KV3UZW	PowerPlex® F6C & Direct					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	

TABLE 2

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

Item 2 - STR Results

L96KEA	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
2		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7,7	8,8	16,16	
LACVBD	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
LB9FWR	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
2		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7,7	8,8	16,16	
LBPCM7	PowerPlex® Fusion					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16		7	8	16	
LDU6EJ	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
LET4XR	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
2		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7,7	8,8	16,16	
LFKTRR	Identifiler® Plus, GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	

TABLE 2

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

Item 2 - STR Results

LQLMCX	PowerPlex® Fusion 6C					
		14,17.3	19,23	10,11	15	12,13
	2		8,10	12,15		20
		11,12	13		17,20	12,14
		29,30	10,12	X,Y	9,11	21,24
	5,16	11.2,22	7	8	16	
LRV4H3	PowerPlex® Fusion 6C					
		14,17.3	19,23	10,11	15	12,13
	2		8,10	12,15		20
		11,12	13		17,20	12,14
		29,30	10,12	X,Y	9,11	21,24
	5,16	11.2,22	7	8	16	
LRZJU4	GlobalFiler™					
		14,17.3	19,23	10,11	15,15	12,13
	2		8,10	12,15		20,20
		11,12	13,13		17,20	12,14
		29,30	10,12	X,Y	9,11	21,24
		11.2,22	7,7	8,8	16,16	
LULTVA	GlobalFiler™					
		14,17.3	19,23	10,11	15	12,13
	2		8,10	12,15		20
		11,12	13		17,20	12,14
		29,30	10,12	X,Y	9,11	21,24
		11.2,22	7	8	16	
M44YZC	GlobalFiler™					
		14,17.3	19,23	10,11	15	12,13
	2		8,10	12,15		20
		11,12	13		17,20	12,14
		29,30	10,12	X,Y	9,11	21,24
		11.2,22	7	8	16	
M7BJ4Y	Identifiler®					
			19,23		15,15	12,13
	2		8,10	12,15		
		11,12	13,13		17,20	12,14
		29,30		X,Y	9,11	21,24
			7,7	8,8	16,16	
M7R9CY	GlobalFiler™					
		14,17.3	19,23	10,11	15	12,13
	2		8,10	12,15		20
		11,12	13		17,20	12,14
		29,30	10,12	X,Y	9,11	21,24
		11.2,22	7	8	16	

TABLE 2

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

Item 2 - STR Results

M9JAEF	Identifiler®, Investigator® 24plex					
	14,17.3	19,23	10,11	15,15		12,13
2		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7,7	8,8	16,16	
M9LWVU	PowerPlex® F6C					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
MJHZYN	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
MNCYCX	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	
MP4VZR	Investigator® 24plex GO!					
	14,17.3	19,23	10,11	15,15		12,13
2		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7,7	8,8	16,16	
MQJ8M4	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
2		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7,7	8,8	16,16	
MT3YGZ	GlobalFiler™					
	14,17.3	19,23	10,11	15,15	n/t	12,13
2	n/t	8,10	12,15	n/t	14,14	20,20
	11,12	13,13	n/t	17,20	12,14	n/t
	29,30	10,12	X,Y	9,11	21,24	n/t
	n/t	11.2,22	7,7	8,8	16,16	

TABLE 2

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

Item 2 - STR Results

N8KCP7	PowerPlex® 21					
	14,17.3	19,23		15,15		12,13
2	12,17	8,10	12,15			20,20
	11,12	13,13		17,20	12,14	
	29,30		X,Y	9,11	21,24	2.2,5
	5,16		7,7	8,8	16,16	
ND6LN3	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
NJF8Q2	Identifiler® Plus					
		19,23		15,15		12,13
2		8,10	12,15			
	11,12	13,13		17,20	12,14	
	29,30		X,Y	9,11	21,24	
			7,7	8,8	16,16	
NK9R46	Identifiler® Plus					
		19,23		15,15		12,13
2		8,10	12,15			
	11,12	13,13		17,20	12,14	
	29,30		X,Y	9,11	21,24	
			7,7	8,8	16,16	
NMYMB8	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	
NRPY9P	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	
NRQZPG	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	

TABLE 2

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

Item 2 - STR Results

NUDQ28	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
	11.2,22	7	8	16		
NVPYX8	PowerPlex® Fusion					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	7	8	16		
NVTURR	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
NYNDKX	Identifiler® Plus					
		19,23		15,15		12,13
	2	8,10	12,15			
	11,12	13,13		17,20	12,14	
	29,30		X,Y	9,11	21,24	
		7,7	8,8	16,16		
P78AC7	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
	11.2,22	7	8	16		
PFDN3T	Identifiler® Plus, PowerPlex® FUSION					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16		7	8	16	
PFPKAJ	Identifiler® Direct					
		19,23		15		12,13
	2	8,10	12,15			
	11,12	13		17,20	12,14	
	29,30		X,Y	9,11	21,24	
		7	8	16		

TABLE 2

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

Item 2 - STR Results

PHHQXG	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15,15		12,13
	2	8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7,7	8,8	16,16	
PKM8FL	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	
PUTNXY	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
PV6V8Y	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	
PVL8P6	PowerPlex® Fusion 6C Direct					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
PWD72H	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
	2	8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7,7	8,8	16,16	
PWJFXN	Identifiler®					
		19,23		15,15		12,13
	2	8,10	12,15			
	11,12	13,13		17,20	12,14	
	29,30		X,Y	9,11	21,24	
		7,7	8,8	16,16		

TABLE 2

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

Item 2 - STR Results

PX7L6L	GlobalFiler™					
	14,17.3	19,23	10,11	15	-	12,13
	-	8,10	12,15	-	14	20
	11,12	13	-	17,20	12,14	-
	29,30	10,12	X,Y	9,11	21,24	-
	-	11.2,22	7	8	16	
PY8RXU	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15		12,13
	-	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
Q4WLC7	Investigator® 24plex QS					
	14,17.3	19,23	10,11	15		12,13
	-	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	
Q4XNX6	PowerPlex® Fusion 6C Direct					
	14,17.3	19,23	10,11	15		12,13
	-	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
Q7HDFW	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
	-	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	
Q98AWH	Identifiler® Plus					
		19,23		15		12,13
	-	8,10	12,15			
	11,12	13		17,20	12,14	
	29,30		X,Y	9,11	21,24	
		7	8	16		
Q9M8WE	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15,15		12,13
	-	8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7,7	8,8	16,16	

TABLE 2

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

Item 2 - STR Results

QAZKR3	PowerPlex® 21					
	14,17.3	19,23		15,15		12,13
2	12,17	8,10	12,15			20,20
	11,12	13,13		17,20	12,14	
	29,30		X,Y	9,11	21,24	2.2,5
	5,16		7,7	8,8	16,16	
QER4FE	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
QFLRYA	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15,15		12,13
2		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7,7	8,8	16,16	
QGH3YJ	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
QGHVKC	PowerPlex® PP21					
	14,17.3	19,23		15		12,13
2	12,17	8,10	12,15			20
	11,12	13		17,20	12,14	
	29,30		X,Y	9,11	21,24	2.2,5
	5,16		7	8	16	
QGKNY6	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
2		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7,7	8,8	16,16	
QHVZLV	Identifiler® Plus					
		19,23		15,15		12,13
2		8,10	12,15			
	11,12	13,13		17,20	12,14	
	29,30		X,Y	9,11	21,24	
			7,7	8,8	16,16	

TABLE 2

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

Item 2 - STR Results

QJ9AGU	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
	2	8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
	11.2,22	7,7	8,8	16,16		
QJNL2K	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
	2	8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
	11.2,22	7,7	8,8	16,16		
QLT9FB	Identifiler®, GlobalFiler™ Express					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
	11.2,22	7	8	16		
QU69AL	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15,15		12,13
	2	8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7,7	8,8	16,16	
QVXQ3U	Identifiler® Plus					
		19,23		15,15		12,13
	2	8,10	12,15			
	11,12	13,13		17,20	12,14	
	29,30		X,Y	9,11	21,24	
		7,7	8,8	16,16		
R7Y7CC	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
	11.2,22	7	8	16		
RFKKPA	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
	2	8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
	11.2,22	7,7	8,8	16,16		

TABLE 2

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

Item 2 - STR Results

RLQQAY	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
RRD42U	ESI 17 FAST					
	14,17.3	19,23	10,11	15,15		
2			12,15		14,14	20,20
		13,13		17,20	12,14	
	29,30	10,12	X,Y		21,24	
		11.2,22	7,7		16,16	
RZT99D	PowerPlex® PP 21					
	14,17.3	19,23		15,15		12,13
2	12,17	8,10	12,15			20,20
	11,12	13,13		17,20	12,14	
	29,30		X,Y	9,11	21,24	2.2,5
	5,16		7,7	8,8	16,16	
T62X38	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	
T62ZRB	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
2		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7,7	8,8	16,16	
T7QL3D	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	
TD86FL	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
2		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7,7	8,8	16,16	

TABLE 2

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

Item 2 - STR Results

TGA3QE	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
2		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7,7	8,8	16,16	
TJ2V9C	PowerPlex® 21					
	14,17.3	19,23		15,15		12,13
2		8,10	12,15			20,20
	11,12	13,13		17,20	12,14	
	29,30		X,Y	9,11	21,24	2.2,5
	5,16		7,7	8,8	16,16	
TJYA9P	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
2		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7,7	8,8	16,16	
TL9PVH	PowerPlex® Fusion 6C and 5C					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
TQG68R	Identifiler® Plus					
		19,23		15,15		12,13
2		8,10	12,15			
	11,12	13,13		17,20	12,14	
	29,30		X,Y	9,11	21,24	
			7,7	8,8	16,16	
TQZL88	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
2		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7,7	8,8	16,16	
TRB932	Identifiler® Plus					
		19,23		15,15		12,13
2		8,10	12,15			
	11,12	13,13		17,20	12,14	
	29,30		X,Y	9,11	21,24	
			7,7	8,8	16,16	

TABLE 2

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

Item 2 - STR Results

TXKGCH	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15,15		12,13
2		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7,7	8,8	16,16	
TYAKRP	PowerPlex® FUSION, GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
TZLPE8	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
U2F6FP	Identifiler® Direct					
	-	19,23	-	15	-	12,13
2		8,10	12,15	-	-	-
	11,12	13	-	17,20	12,14	-
	29,30	-	X,Y	9,11	21,24	-
	-	-	7	8	16	
U2WJJT	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
U7PT3K	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
2		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7,7	8,8	16,16	
U9YWUB	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	

TABLE 2

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

Item 2 - STR Results

UCDPRV	Identifiler® Plus	19,23	15,15	12,13
2		8,10	12,15	
	11,12	13,13	17,20	12,14
	29,30		X,Y	9,11
			7,7	8,8
				16,16
UDBYMY	PowerPlex® 21	19,23	15,15	12,13
2	14,17.3			
	12,17	8,10	12,15	20,20
	11,12	13,13	17,20	12,14
	29,30		X,Y	9,11
			7,7	8,8
				16,16
				2.2,5
UFH4E2	PowerPlex® Fusion 6C Direct	19,23	15	12,13
2	14,17.3		10,11	
		8,10	12,15	14
	11,12	13	17,20	12,14
	29,30	10,12	X,Y	9,11
			7	8
	5,16	11.2,22		16
UPLMC	GlobalFiler™	19,23	15	12,13
2	14,17.3		10,11	
		8,10	12,15	14
	11,12	13	17,20	12,14
	29,30	10,12	X,Y	9,11
			7	8
		11.2,22		16
UR47LE	Identifiler® Direct	19,23	15	12,13
2		8,10	12,15	
	11,12	13	17,20	12,14
	29,30		X,Y	9,11
			7	8
				16
URP8FP	PowerPlex® Fusion 6C	19,23	15,15	12,13
2	14,17.3			
		8,10	12,15	14,14
	11,12	13,13	17,20	12,14
	29,30	10,12	X,Y	9,11
			7,7	8,8
	5,16	11.2,22		16,16
				2.2,5
UUCQKT	GlobalFiler™	19,23	15	12,13
2	14,17.3		10,11	
		8,10	12,15	14
	11,12	13	17,20	12,14
	29,30	10,12	X,Y	9,11
			7	8
		11.2,22		16

TABLE 2

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

Item 2 - STR Results

V4G39B	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
V7P768	GlobalFiler™, Globalfiler Express					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	
V8VQT8	GlobalFiler™ Express					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	
VBZGX2	Investigator® 24plex QS					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	
VEGNJF	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
VKLG3F	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
2		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7,7	8,8	16,16	
VLXRE4	SureID					
	14,17.3	19,23		15		12,13
2		8,10	12,15			20
	11,12	13		17,20	12,14	
	29,30		X,Y	9,11	21,24	2.2,5
	5,16		7	8	16	

TABLE 2

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

Item 2 - STR Results

WCG3T	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
	11.2,22	7	8	16		
VZX4VF	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
	2	8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
	11.2,22	7,7	8,8	16,16		
VZZT66	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
W66WK6	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
	11.2,22	7	8	16		
W96UNP	Identifiler® Plus					
		19,23		15		12,13
	2	8,10	12,15			
	11,12	13		17,20	12,14	
	29,30		X,Y	9,11	21,24	
		7	8	16		
WF947W	PowerPlex® Fusion 6C Direct					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
WGZ3HA	Identifiler® Direct					
	-	19,23	-	15	-	12,13
	2	8,10	12,15	-	-	-
	11,12	13	-	17,20	12,14	-
	29,30	-	X,Y	9,11	21,24	-
	-	7	8	16		

TABLE 2

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

Item 2 - STR Results

WM84UK	GlobalFiler™ Express					
	14,17.3	19,23	10,11	15,15		12,13
	2	8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
	11.2,22	7,7	8,8	16,16		
WPV7NR	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
	11.2,22	7	8	16		
WQMTUM	Identifiler® Direct					
		19,23		15		12,13
	2	8,10	12,15			
	11,12	13		17,20	12,14	
	29,30		X,Y	9,11	21,24	
		7	8	16		
WU3QCN	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
	11.2,22	7	8	16		
WUQWU4	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
WWE77P	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
	11.2,22	7	8	16		
WX6KEZ	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
	11.2,22	7	8	16		

TABLE 2

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

Item 2 - STR Results

WXAUKE	PowerPlex® Fusion 6C					
		14,17.3	19,23	10,11	15	12,13
	2		8,10	12,15		14
		11,12	13		17,20	12,14
		29,30	10,12	X,Y	9,11	21,24
	5,16	11.2,22	7	8	16	
WYZKJL	Identifiler® Direct					
			19,23		15,15	12,13
	2		8,10	12,15		
		11,12	13,13		17,20	12,14
		29,30		X,Y	9,11	21,24
			7,7	8,8	16,16	
X7G7W3	GlobalFiler™, Globalfiler Express					
		14,17.3	19,23	10,11	15	12,13
	2		8,10	12,15		14
		11,12	13		17,20	12,14
		29,30	10,12	X,Y	9,11	21,24
		11.2,22	7	8	16	
X8QZT3	PowerPlex® Fusion 6C					
		14,17.3	19,23	10,11	15,15	12,13
	2		8,10	12,15		14,14
		11,12	13,13		17,20	12,14
		29,30	10,12	X,Y	9,11	21,24
	5,16	11.2,22	7,7	8,8	16,16	
XAERLK	PowerPlex® Fusion 6C					
		14,17.3	19,23	10,11	15	12,13
	2		8,10	12,15		14
		11,12	13		17,20	12,14
		29,30	10,12	X,Y	9,11	21,24
	5,16	11.2,22	7	8	16	
XJ2TZ9	GlobalFiler™					
		14,17.3	19,23	10,11	15,15	12,13
	2		8,10	12,15		14,14
		11,12	13,13		17,20	12,14
		29,30	10,12	X,Y	9,11	21,24
		11.2,22	7,7	8,8	16,16	
XJKAKH	PowerPlex® Fusion 5C					
		14,17.3	19,23	10,11	15,15	12,13
	2		8,10	12,15		14,14
		11,12	13,13		17,20	12,14
		29,30	10,12	X,Y	9,11	21,24
	5,16		7,7	8,8	16,16	

TABLE 2

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

Item 2 - STR Results

XQLQQG	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
	2	8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
	11.2,22	7,7	8,8	16,16		
XR7DA	PowerPlex® Fusion 5C					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	7	8	16		
XW9BZP	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
	11.2,22	7	8	16		
Y47KL8	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
	11.2,22	7	8	16		
Y79JWZ	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
YBM7MY	PowerPlex® fusion 6C					
	14,17.3	19,23	10,11	15,15		12,13
	2	8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7,7	8,8	16,16	
YH9UNV	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15		12,13
	2	8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	

TABLE 2

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

Item 2 - STR Results

YLPR8Y	Identifiler® Plus					
		19,23		15,15		12,13
2		8,10	12,15			
		11,12	13,13	17,20	12,14	
		29,30	X,Y	9,11	21,24	
			7,7	8,8	16,16	
YVU2C4	PowerPlex® Fusion					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
		11,12	13	17,20	12,14	
		29,30	10,12	X,Y	9,11	21,24
		5,16	7	8	16	2.2,5
YX4E86	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
		11,12	13	17,20	12,14	
		29,30	10,12	X,Y	9,11	21,24
			11.2,22	7	8	16
Z3NWXL	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
		11,12	13	17,20	12,14	
		29,30	10,12	X,Y	9,11	21,24
			11.2,22	7	8	16
Z6VC9X	GlobalFiler™					
	14,17.3	19,23	10,11	15,15		12,13
2		8,10	12,15		14,14	20,20
		11,12	13,13	17,20	12,14	
		29,30	10,12	X,Y	9,11	21,24
			11.2,22	7,7	8,8	16,16
Z7MEUR	Identifiler® Plus					
		19,23		15,15		12,13
2		8,10	12,15			
		11,12	13,13	17,20	12,14	
		29,30	X,Y	9,11	21,24	
			7,7	8,8	16,16	
ZAQ3DN	PowerPlex® Fusion					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
		11,12	13	17,20	12,14	
		29,30	10,12	X,Y	9,11	21,24
		5,16	7	8	16	2.2,5

TABLE 2

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

ZGPC32	PowerPlex® Fusion 6C, GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	
ZRL767	Identifiler®, MiniFiler					
		19,23		15		12,13
2		8,10	12,15			
	11,12	13		17,20	12,14	
	29,30		X,Y	9,11	21,24	
			7	8	16	
ZTHY9W	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15,15		12,13
2		8,10	12,15		14,14	20,20
	11,12	13,13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7,7	8,8	16,16	
ZWH6PN	GlobalFiler™					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	
		11.2,22	7	8	16	
ZWXQYP	PowerPlex® Fusion 6C					
	14,17.3	19,23	10,11	15		12,13
2		8,10	12,15		14	20
	11,12	13		17,20	12,14	
	29,30	10,12	X,Y	9,11	21,24	2.2,5
	5,16	11.2,22	7	8	16	

TABLE 2

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

Item 3 - STR Results

2CUZLV	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
2LGVEL	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
2NMJZ2	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,[14,16]		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
2QDQHC	GlobalFiler™					
	12,15,15.3,17	18,24	10,10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
2U94W9	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17	-	[11],12
3	-	9,10,12,14	13,[14],[16]	-	13,14,15,16	15,18,19.3,21
	8,9,12,13	12,[13]	-	15,16,17,22	12.2,[13.2],14	-
	[28],29,[30]	[15],16,[17]	X,[Y]	10,11,12	19,20,25,26	-
	-	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
2UEPZW	Investigator® 24plex QS					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
334WV8	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	

TABLE 2

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

Item 3 - STR Results

368U3U	GlobalFiler™						
		12,15,15.3,17	18,24	10	15,16,17	11,12	
	3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
		8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
		28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18		
369FZV	GlobalFiler™						
		12,15,15.3,17	18,24	10	15,16,17	11,12	
	3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
		8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
		28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18		
38BKBU	Investigator® 24plex QS						
		12,15,15.3,17	18,24	10	15,16,17	11,12	
	3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
		8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
		28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18		
3AL6HJ	GlobalFiler™						
		12,15,15.3,17	18,24	10	15,16,17	11,12	
	3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
		8,9,12,13	12,13		15,16,17,22	12.2,14	
		28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18		
3AWAQ2	GlobalFiler™						
		12,15,15.3,17	18,24	10	15,16,17	11,12	
	3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
		8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
		28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18		
3BUMAM	PowerPlex® Fusion 6C						
		12,15,15.3,17	18,24	10	15,16,17	11,12	
	3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
		8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
		28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18		
3D6R6J	Identifiler® Plus						
			18,24		15,16,17	11,12	
	3		9,10,12,14	13,14,16			
		8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
		28,29,30		X,Y	10,11,12	19,20,25,26	
			6,7,9.3	8,9,11	16,17,18		

TABLE 2

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

Item 3 - STR Results

3F7J4N	Identifiler®	18,24		15,16,17		11,12
3		9,10,12,14	13,14,16			
		8,9,12,13	12,13	15,16,17,22	12,2,13,2,14	
		28,29,30	X,Y	10,11,12	19,20,25,26	
			6,7,9,3	8,9,11	16,17,18	
3JPK3G	PowerPlex® Fusion 6C	12,15,15.3,17	18,24	10	15,16,17	11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19,3,21
		8,9,12,13	12,13	15,16,17,22	12,2,13,2,14	
		28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26
		9,11,12,15	14,23,2,28,2,29,2	6,7,9,3	8,9,11	16,17,18
3M4PQX	Identifiler® Plus	18,24		15,16,17		11,12
3		9,10,12,14	13,14,16			
		8,9,12,13	12,13	15,16,17,22	12,2,13,2,14	
		28,29,30	X,Y	10,11,12	19,20,25,26	
			6,7,9,3	8,9,11	16,17,18	
3QPVHM	Identifiler® Plus	18,24		15,16,17		11,12
3		9,10,12,14	13,14,16			
		8,9,12,13	12,13	15,16,17,22	12,2,13,2,14	
		28,29,30	X,Y	10,11,12	19,20,25,26	
			6,7,9,3	8,9,11	16,17,18	
3QQWYE	PowerPlex® Fusion 6C	12,15,15.3,17	18,24	10	15,16,17	11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19,3,21
		8,9,12,13	12,13	15,16,17,22	12,2,13,2,14	
		28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26
		9,11,12,15	14,23,2,28,2,29,2	6,7,9,3	8,9,11	16,17,18
3U78CH	GlobalFiler™	12,15,15.3,17	18,24	10	15,16,17	11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19,3,21
		8,9,12,13	12,13	15,16,17,22	12,2,13,2,14	
		28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26
			14,23,2,28,2,29,2	6,7,9,3	8,9,11	16,17,18
3V2UMZ	PowerPlex® Fusion 6C	12,15,15.3,17	18,24	10	15,16,17	11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19,3,21
		8,9,12,13	12,13	15,16,17,22	12,2,13,2,14	
		28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26
		9,11,12,15	14,23,2,28,2,29,2	6,7,9,3	8,9,11	16,17,18

TABLE 2

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

Item 3 - STR Results

3WA6GJ	PowerPlex® FUSION					
	12,15,[15.3],17	18,24	10	[15,16],17		[11],12
3		9,10,[12],14	13,[14,16]		13,14,15,16	15,18,19.3,21
	[8],9,12,[13]	12,[13]		15,16,[17],22	[12.2,13.2],14	
	[28],29,30	[15],16,[17]	X,[Y]	[10],11,12	[19,20],25,26	6,9,10,[11]
	9,11,12,15		[6],7,[9.3]	8,9,11	[16],17,[18]	
42LAQX	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
43FHUV	PowerPlex® 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
43HH6A	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
48BCRW	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
4BCQLU	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
4BCQNE	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	

TABLE 2

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

Item 3 - STR Results

4BNK7Z	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
4FKLGA	Identifiler® Plus, GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
4NEG3R	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
4Q4QB9	GlobalFiler™					
	12,15,15.3,17	18,24	10,10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
4TURHG	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	[12.2],[13.2],14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
4UJ3BV	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10,10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
4WPNYV	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10,10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	

TABLE 2

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

Item 3 - STR Results

62J8UL	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
62XERT	Identifiler® Plus					
		18,24		15,16,17		11,12
3		9,10,12,14	13,14,16			
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30		X,Y	10,11,12	19,20,25,26	
			6,7,9.3	8,9,11	16,17,18	
68368T	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10,10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
68RE7N	PowerPlex® 21					
	12,15,15.3,17	18,24		15,16,17		11,12
3	11,15,18	9,10,12,14	13,14,16			15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30		X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15		6,7,9.3	8,9,11	16,17,18	
6DAVCJ	GlobalFiler™					
	12,15,[15.3],17	18,24	10	15,16,17		[11],12
3		9,10,12,14	13,[14],[16]		13,14,[15],[16]	15,18,19.3,[21]
	[8],9,12,[13]	12,[13]		15,16,17,22	12.2,[13.2],14	
	28,29,30	[15],16,[17]	X,[Y]	[10],11,12	[19],[20],25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,[18]	
6LQ678	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10,10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
6QX4N8	PowerPlex® 5C, 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	

TABLE 2

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

Item 3 - STR Results

6QYX8D	Identifiler® Plus, PowerPlex® FUSION					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15		6,7,9.3	8,9,11	16,17,18	
6RPUGK	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
6UFQC7	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
6WLGEЕ	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
6XEWHG	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17	NT	11,12
3	NT	9,10,12,14	13,14,16	NT	13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13	NT	15,16,17,22	12.2,13.2,14	NT
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	NT
	NT	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
76RAV8	PowerPlex® Fusion 5C, Investigator® 24plex					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
76V6PR	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	

TABLE 2

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

Item 3 - STR Results

779WH9	PowerPlex® Fusion					
	12,15,15.3,17	18,24	10,10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15		6,7,9.3	8,9,11	16,17,18	
79EEJQ	Investigator® 24plex QS					
	12,15,15.3,17	18,24	10	15,[16],17		[11],12
3		9,10,12,14	13,[14],[16]		13,14,[15],[16]	15,18,[19.3],21
	8,9,12,13	12,[13]		15,16,17,22	[12.2],[13.2],14	
	[28],29,[30]	[15],16,[17]	X,[Y]	[10],11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,[18]	
7E28T4	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
7ENDC4	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
7HGJMZ	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
7HZHLJ	PowerPlex® Fusion 5C					
	12,15,(15.3),17	18,24	10	15,16,17	N/A	11,12
3	N/A	9,10,(12),14	13,(14),(16)	N/A	13,14,15,16	15,18,19.3,21
	8,9,12,(13)	12,(13)	N/A	15,(16),17,22	12.2,(13.2),14	N/A
	28,29,30	(15),16,(17)	X,(Y)	10,11,12	(19),(20),25,26	6,(9),10,11
	9,11,(12),15	N/A	6,7,9.3	8,9,11	16,17,(18)	
7UA34Q	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	

TABLE 2

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

Item 3 - STR Results

7VCN2R	Investigator® 24plex QS					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
7XVPZK	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
7XVV6L	Identifiler®, SGMPlus, MiniFiler					
		18,24		15,16,17		11,12
3		9,10,12,14	13,14,16			
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30		X,Y	10,11,12	19,20,25,26	
			6,7,9.3	8,9,11	16,17,18	
7ZKG6H	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17	-	11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	-
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	-
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
87264X	PowerPlex® Fusion 5C					
	12,15,15.3,17	18,24	10,10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15		6,7,9.3	8,9,11	16,17,18	
8BYXDF	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
8CCZ42	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	

TABLE 2

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

Item 3 - STR Results

8D37LC	GlobalFiler™, MiniFiler					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
8EWGCT	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
8FRRUU	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,[14,16]		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,[13]		15,16,17,22	12.2,13.2,14	
	28,29,30	[15],16,[17]	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
8GQ6VN	Identifiler® Plus					
		18,24		15,16,17		11,12
3		9,10,12,14	13,14,16			
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30		X,Y	10,11,12	19,20,25,26	
			6,7,9.3	8,9,11	16,17,18	
8PFNUA	GlobalFiler™					
	12,15,15.3,17	17,18,23,24	9,10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
8TZBTN	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
8WZLNN	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	

TABLE 2

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

Item 3 - STR Results

8Y2PFB	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
8Y2RYN	PowerPlex® Fusion					
	12,15,(15.3),17	18,24	10	(15,16),17		(11),12
3		9,10,(12),14	13,(14,16)		13,14,15,(16)	15,(18,19.3,21)
	(8),9,12,(13)	12,(13)		15,16,17,22	12.2,(13.2),14	
	(28),29,(30)	(15),16,(17)	X,(Y)	(10,11),12	19,20,25,26	6,(9),10,(11)
	9,11,(12,15)		6,7,9.3	8,9,11	(16),17,(18)	
96QEKL	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
9DXVW8	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
9MPCLB	Identifiler® Plus					
		18,24		15,16,17		11,12
3		9,10,12,14	13,14,16			
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30		X,Y	10,11,12	19,20,25,26	
			6,7,9.3	8,9,11	16,17,18	
9RKFLM	PowerPlex® Fusion 5C					
	[12],15,[15.3],17	18,24	10	15,[16],17		[11],12
3		9,10,12,14	13,[14,16]		13,14,15,[16]	15,18,[19.3,21]
	[8],9,12,[13]	12,[13]		[15,16],17,22	12.2,[13.2],14	
	[28],29,[30]	[15],16,[17]	X,[Y]	[10],11,12	19,[20],25,26	6,9,10,[11]
	[9],11,12,15		6,7,9.3	8,[9],11	16,17,[18]	
9X7WAD	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	

TABLE 2

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

Item 3 - STR Results

A248PQ	PowerPlex® Fusion					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
A4AUZA	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
A4THKQ	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10,10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
A6JU4W	GlobalFiler™					
	[12],15,[15.3],17	18,24	10	15,[16],17		[11],12
3		[9],10,[12],14	13,[14],[16]		13,14,[15],[16]	15,18,[19.3],[21]
	[8],9,12,[13]	12,[13]		[15],16,17,22	12.2,[13.2],14	
	[28],29,[30]	[15],16,[17]	X,[Y]	[10],[11],12	[19],[20],25,26	
		[14],23.2,28.2,29.2	6,7,9.3	8,9,11	[16],17,[18]	
A7W74L	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
AFJWEZ	ESI 17					
	12,15,17	18,24	10,10	15,16,17		
3			13,14,16		13,14,15,16	15,18,19.3,21
		12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y		19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3		16,17,18	
AMKNTG	PowerPlex® F6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	

TABLE 2

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

Item 3 - STR Results

AU3Z4W	PowerPlex® F6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
AU7FJH	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
B9X2DV	PowerPlex® Fusion 5C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15		6,7,9.3	8,9,11	16,17,18	
BCFNLA	ESI 17 Fast					
	12,15,15.3,16,17	18,24	10	15,16,17		
3			13,14,16		13,14,15,16	15,18,19.3,21
		12,13		15,16,17,21,22,(23)	12.2,13.2,14	
	28,29,30	15,16,17	X,Y		19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3		16,17,18	
BHLKKU	PowerPlex® Fusion 5C					
	12,15,15.3,17	18,24	10,10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15		6,7,9.3	8,9,11	16,17,18	
BHRRUH	PowerPlex® 21					
	12,15,15.3,17	18,24		15,16,17		11,12
3	11,15,18	9,10,12,14	13,14,16			15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30		X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15		6,7,9.3	8,9,11	16,17,18	
BKVRNM	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	

TABLE 2

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

Item 3 - STR Results

BL7G3T	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
BMFQVQ	PowerPlex® Fusion 6C					
	12,15,15.3,16,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
BT6WYR	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
BTNBDC	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
BUXMQ8	Identifiler® Plus, PowerPlex® FUSION					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15		6,7,9.3	8,9,11	16,17,18	
C3B4AL	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
C3M6PT	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	

TABLE 2

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

Item 3 - STR Results

CARYR2	Investigator® 24plex QS					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
CB2UQM	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10,10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
CFUGG9	Identifiler® Plus					
		18,24		15,16,17		11,12
3		9,10,12,14	13,14,16			
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30		X,Y	10,11,12	19,20,25,26	
			6,7,9.3	8,9,11	16,17,18	
CHJH7A	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
CKPM44	GlobalFiler™					
	12,15,15.3,17	18,24	10,10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
CN7ACH	Identifiler® Plus					
		18,24		15,16,17		11,12
3		9,10,12,14	13,14,16			
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30		X,Y	10,11,12	19,20,25,26	
			6,7,9.3	8,9,11	16,17,18	
CVP9B3	PowerPlex® fusion 6c					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	

TABLE 2

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

Item 3 - STR Results

CXQJXQ	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
D7KEQ2	PowerPlex® FUSION 5C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15		6,7,9.3	8,9,11	16,17,18	
D8FLJY	GlobalFiler™					
	12,15,15.3,17	18,24	10,10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
DD2GK3	GlobalFiler™					
	12,15,15.3,17	18,24	10,10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
DF8YKJ	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
DHJRLD	Identifiler®					
		18,24		15,16,17		11,12
	3	9,10,12,14	13,14,16			
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30		X,Y	10,11,12	19,20,25,26	
		6,7,9.3	8,9,11	16,17,18		
DKMAXM	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	

TABLE 2

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

Item 3 - STR Results

DLJNLF	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
DMUPAZ	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
DXERXL	Identifiler® Plus					
		18,24		15,16,17		11,12
3		9,10,12,14	13,14,16			
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30		X,Y	10,11,12	19,20,25,26	
			6,7,9.3	8,9,11	16,17,18	
DY7PRT	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
E4UZQB	PowerPlex® 5C					
	12,15,[15.3],17	18,24	10	15,[16],17		11,12
3		[9],10,12,14	13,[14],[16]		13,14,[15],[16]	15,18,19.3,21
	8,9,12,[13]	12,[13]		[15],16,17,22	12.2,[13.2],14	
	[28],29,30	[15],16,[17]	X,[Y]	[10],11,12	[19],[20],25,26	6,9,10,[11]
	9,11,12,[15]		6,7,9.3	8,9,11	16,17,[18]	
E9982B	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,[16],17		11,12
3		9,10,12,14	13,[14],[16]		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,[13]		15,16,17,22	12.2,13.2,14	
	28,29,30	[15],16,[17]	X,[Y]	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
EAX9QC	PowerPlex® Fusion					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15		6,7,9.3	8,9,11	16,17,18	

TABLE 2

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

Item 3 - STR Results

EETVN7	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
EM8B62	GlobalFiler™					
	12,15,15.3,17	18,24	10,10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
ER3F7E	GlobalFiler™					
	[12],[15],[15.3],[17]	[18],[24]	10	15,[16],17		[11],[12]
3		[9],[10],[12],[14]	13,[14],[16]		[13],[14],[15],[16]	15,18,[19.3],[21]
	[8],[9],[12],[13]	12,[13]		[15],[16],[17],[22]	12.2,[13.2],14	
	[28],29,30	[15],16,[17]	[X,Y]	[10],11,12	[19],[20],[25],[26]	
		[14],[23.2],[28.2],[29.2]	[6],[7],[9.3]	[8],[9],[11]	16,17,[18]	
ERECD4	GlobalFiler™					
	12,15,15.3,17	17,18,23,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
EVF96J	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
EZEYKQ	Identifiler® Plus, GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
F3FVRD	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	

TABLE 2

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

Item 3 - STR Results

F7BDJW	Identifiler® Plus, GlobalFiler™					
3	12,15,15.3,17	18,24	10	15,16,17		11,12
		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
FB8D3E	Identifiler® Plus					
3		18,24		15,16,17		11,12
		9,10,12,14	13,14,16			
	8,9,12,13	12,13		15,16,17,(21),22	12.2,13.2,14	
	28,29,30		X,X,Y	10,11,12	19,20,25,26	
			6,7,9.3	8,9,11	16,17,18	
FE8GX9	GlobalFiler™					
3	12,15,15.3,17	18,24	10	15,16,17		11,12
		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
FF2WYQ	PowerPlex® Fusion 5C					
3	12,15,15.3,17	18,24	10	15,16,17		11,12
		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15		6,7,9.3	8,9,11	16,17,18	
FF6UGU	PowerPlex® Fusion 6C					
3	12,15,15.3,17	18,24	10	15,16,17		11,12
		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
FFGVYM	PowerPlex® Fusion 6C					
3	12,15,15.3,17	18,24	10	15,16,17		11,12
		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
FHUZY7	GlobalFiler™					
3	12,15,15.3,17	18,24	10,10	15,16,17		11,12
		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	

TABLE 2

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

Item 3 - STR Results

FKW2Y3	GlobalFiler™					
	12,15,15.3,17	17,18,23,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	11,12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
FLBKQR	GlobalFiler™					
	12,15,[15.3],17	18,24	10	[15],[16],17		[11],12
3		9,10,12,14	13,[14],[16]		13,14,15,16	15,18,[19.3],21
	8,9,12,13	12,[13]		[15],16,17,22	[12.2],[13.2],14	
	28,29,30	15,16,[17]	X,[Y]	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	[6],7,[9.3]	8,9,11	16,17,[18]	
FPW6XG	Investigator® 24plex QS					
	[12],15,15.3,17	18,24	10	[15],[16],17		[11],12
3		9,10,12,14	13,[14],[16]		13,14,[15],[16]	15,18,19.3,[21]
	8,9,12,[13]	12,[13]		15,16,17,22	12.2,[13.2],14	
	[28],29,30	[15],16,[17]	X,[Y]	[10],11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,[18]	
FRW6KE	Identifiler® Plus					
		18,24		15,16,17		11,12
3		9,10,12,14	13,14,16			
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30		X,Y	10,11,12	19,20,25,26	
			6,7,9.3	8,9,11	16,17,18	
FTA38P	PowerPlex® 21					
	12,15,15.3,17	18,24		15,16,17		11,12
3	11,15,18	9,10,12,14	13,14,16			15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30		X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15		6,7,9.3	8,9,11	16,17,18	
G4NQBM	GlobalFiler™					
	12,15,15.3,17	18,24	10,10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
G9HLCU	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10,10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	

TABLE 2

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

Item 3 - STR Results

GAWHTF	PowerPlex®					
	12,15,15.3,17	18,24	10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	6,7,9.3	8,9,11	16,17,18		
GB7XBZ	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
GHARD9	Identifiler® Plus					
		18,24		15,16,17		11,12
	3	9,10,12,14	13,14,16			
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30		X,Y	10,11,12	19,20,25,26	
		6,7,9.3	8,9,11	16,17,18		
GHM9MF	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
GJY7WQ	GlobalFiler™					
	[12],15,[15.3],17	18,24	10	15,[16],17		[11],12
	3	9,10,[12],14	13,[14],[16]		13,14,[15],[16]	15,18,[19.3],[21]
	[8],9,12,[13]	12,[13]		[15],[16],17,22	[12.2],[13.2],14	
	[28],29,30	[15],16,[17]	X,[Y]	[10],11,12	[19],[20],25,26	
	[14],23.2,[28.2],29.2	6,7,9.3	8,9,11	[16],17,[18]		
GMWNUJ	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
GQ3KT9	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	

TABLE 2

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

Item 3 - STR Results

GQZUK6	GlobalFiler™, MiniFiler					
	12,15,15.3,17	18,24	10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18		
GRACQ9	PowerPlex® ESI Fast					
	12,15,15.3,17	18,24	10,10	15,16,17		
	3		13,14,16		13,14,15,16	15,18,19.3,21
		12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y		19,20,25,26	
		6,7,9.3		16,17,18		
GRCY8M	PowerPlex® Fusion 5C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	6,7,9.3	8,9,11	16,17,18		
GUZLNG	Identifiler® Plus					
		18,24		15,16,17		11,12
	3	9,10,12,14	13,14,16			
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30		X,Y	10,11,12	19,20,25,26	
		6,7,9.3	8,9,11	16,17,18		
GZ6YCL	PowerPlex® Fusion System, NGM SElect					
	12,15,15.3,17	18,24	10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,11.4,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
H2DEJR	ESI 17					
	12,15,15.3,17	18,18,24,24	10,10,10,10	15,16,17,F		
	3		13,13,14,16		13,14,15,16	15,18,19.3,21
		12,12,13,F		15,16,17,22	12.2,13.2,14,14	
	28,29,30,F	15,16,16,17	X,X,Y,F		19,20,25,26	
	14,23.2,28.2,29.2	6,7,9.3,F		16,17,18,F		
H2WTWN	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18		

TABLE 2

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

Item 3 - STR Results

H3QFBD	PowerPlex® Fusion 5C					
	[12],15,[15.3],[17]	[18],24	10	15,[16],17		[11],12
3		[9],10,12,14	13,[14],[16]		13,14,15,[16]	15,18,[19.3],21
	8,9,12,[13]	12,[13]		[15],[16],17,22	12.2,[13.2],14	
	28,29,30	[15],16,[17]	X,[Y]	[10],[11],12	19,[20],25,26	6,9,10,11
	9,11,[12],15		6,7,9.3	8,[9],11	16,17,18	
H42694	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
H42DQF	Investigator® 24plex QS					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
H4YF47	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
H6ATTF	GlobalFiler™					
	[12],15,15.3,17	18,24	10	15,[16],17		[11],12
3		9,10,12,14	13,[14],16		13,14,15,16	15,18,19.3,[21]
	8,9,12,13	12,[13]		15,16,17,22	12.2,[13.2],14	
	[28],29,30	[15],16,[17]	X,[Y]	[10],11,12	19,20,25,26	
		[14],23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,[18]	
H6U2R7	PowerPlex® 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
H7QCQE	PowerPlex® 16 HS					
				15,16,17		11,12
3		9,10,12,14	13,14,16			
	8,9,12,13	11,12,13		15,16,17,22		
	28,29,30		X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15		6,7,9.3	8,9,11	16,17,18	

TABLE 2

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

Item 3 - STR Results

Sample	Kit	1	2	3	4	5	6
HBYCUB	Identifiler® Plus	18,24		15,16,17		11,12	
		9,10,12,14	13,14,16				
		8,9,12,13	12,13	15,16,17,22	12,2,13,2,14		
		28,29,30	X,Y	10,11,12	19,20,25,26		
			6,7,9.3	8,9,11	16,17,18		
HKPVB4	GlobalFiler™	12,15,15.3,17	18,24	10	15,16,17		11,12
		9,10,12,14	13,14,16			13,14,15,16	15,18,19.3,21
		8,9,12,13	12,13	15,16,17,22	12,2,13,2,14		
		28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
			14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
HMUG6W	PowerPlex® Fusion 6C	12,15,15.3,17	18,24	10	15,16,17		11,12
		9,10,12,14	13,14,16			13,14,15,16	15,18,19.3,21
		8,9,12,13	12,13	15,16,17,22	12,2,13,2,14		
		28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
		9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
HRCEYD	GlobalFiler™	12,15,15.3,17	18,24	10	15,16,17		11,12
		9,10,12,14	13,14,16			13,14,15,16	15,18,19.3,21
		8,9,12,13	12,13	15,16,17,22	12,2,13,2,14		
		28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
			14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
HZ6UKB	PowerPlex® Fusion 6C	12,15,15.3,17	18,24	10	15,16,17		11,12
		9,10,12,14	13,14,16			13,14,15,16	15,18,19.3,21
		8,9,12,13	12,13	15,16,17,22	12,2,13,2,14		
		28,29,30	[15],16,[17]	X,Y	10,11,12	19,20,25,26	6,[9],10,[11]
		9,11,[12],[15]	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
J4XDYE	GlobalFiler™	12,15,15.3,17	18,24	10	15,16,17		11,12
		9,10,12,14	13,14,16			13,14,15,16	15,18,19.3,21
		8,9,12,13	12,13	15,16,17,22	12,2,13,2,14		
		28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
			14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
JBHBR9	PowerPlex® Fusion 6C	12,15,15.3,17	18,24	10	15,16,17		11,12
		9,10,12,14	13,14,16			13,14,15,16	15,18,19.3,21
		8,9,12,13	12,13	15,16,17,22	12,2,13,2,14		
		28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
		9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	

TABLE 2

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

Item 3 - STR Results

JDJG6T	GlobalFiler™					
	12,15,15.3,17	18,24	10,10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
JDQGDA	PowerPlex® 21					
	12,15,15.3,17	18,24		15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30		X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15		6,7,9.3	8,9,11	16,17,18	
JDQVQP	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17	-	11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13	-	15,16,17,22	12.2,13.2,14	-
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	-
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
JFRK3B	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
JGKP94	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
JWV7HQ	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
JXAJ99	PowerPlex® 21					
	12,15,15.3,17	18,24		15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30		X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15		6,7,9.3	8,9,11	16,17,18	

TABLE 2

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

Item 3 - STR Results

JXWRHD	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18		
JYKCZ3	GlobalFiler™					
	12,15,15.3,17	18,24	10,10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18		
K3JDBJ	PowerPlex® Fusion 6C					
	12,15,15.3,16,17	18,24	10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
K8EZBY	PowerPlex® F6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
K934TR	Identifiler® Plus, GlobalFiler™, Investigator® 24plex					
	12,15,15.3,17	18,24	10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18		
K9Q7L2	GlobalFiler™, MiniFiler					
	12,15,15.3,17	18,24	10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18		
KG3PEE	Identifiler® Plus					
		18,24		15,16,17		11,12
	3	9,10,12,14	13,14,16			
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30		X,Y	10,11,12	19,20,25,26	
		6,7,9.3	8,9,11	16,17,18		

TABLE 2

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

Item 3 - STR Results

KLBAWJ	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18		
KLUMB4	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18		
KRJ8EJ	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18		
KV3UZW	PowerPlex® 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
L96KEA	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18		
LACVBD	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
LB9FWR	GlobalFiler™					
	12,15,15.3,17	18,24	10,10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18		

TABLE 2

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

Item 3 - STR Results

LBPCM7	PowerPlex® Fusion					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15		6,7,9.3	8,9,11	16,17,18	
LDU6EJ	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
LET4XR	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
LFKTRR	Identifiler® Plus, GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
LQLMCX	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
LRV4H3	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
LRZJU4	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	

TABLE 2

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

Item 3 - STR Results

LULTVA	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
M44YZC	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
M7BJ4Y	Identifiler®					
		18,24		15,16,17		11,12
3		9,10,12,14	13,14,16			
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30		X,Y	10,11,12	19,20,25,26	
			6,7,9.3	8,9,11	16,17,18	
M7R9CY	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
M9JAEF	Identifiler®, Investigator® 24plex					
	[12],15,[15.3],17	18,24	10	15,[16],17		11,12
3		[9],10,[12],14	13,[14,16]		13,14,[15,16]	15,18,[19.3,21]
	[8],9,12,[13]	12,[13]		[15,16],17,22	12.2,[13.2],14	
	[28],29,30	[15],16,[17]	X,[Y]	[10],11,12	[19,20],25,26	
		[14],23.2,[28.2],29.2	6,7,9.3	8,9,11	16,17,[18]	
M9LWVU	PowerPlex® F6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
MJHZYN	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	

TABLE 2

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

Item 3 - STR Results

MNCYCX	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
MP4VZR	Investigator® 24plex QS					
	12,15,15.3,17	18,24	10,10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
MQJ8M4	Identifiler®					
		18,24		15,16,17		11,12
3		9,10,12,14	13,14,16			
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30		X,Y	10,11,12	19,20,25,26	
			6,7,9.3	8,9,11	16,17,18	
MT3YGZ	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17	n/t	11,12
3	n/t	9,10,12,14	13,14,16	n/t	13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13	n/t	15,16,17,22	12.2,13.2,14	n/t
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	n/t
	n/t	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
N8KCP7	PowerPlex® 21					
	12,15,15.3,17	18,24		15,16,17		11,12
3	11,15,18	9,10,12,14	13,14,16			15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30		X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15		6,7,9.3	8,9,11	16,17,18	
ND6LN3	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
NJF8Q2	Identifiler® Plus					
		18,24		15,16,17		11,12
3		9,10,12,14	13,14,16			
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30		X,Y	10,11,12	19,20,25,26	
			6,7,9.3	8,9,11	16,17,18	

TABLE 2

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

Item 3 - STR Results

NK9R46	Identifiler® Plus	18,24		15,16,17		11,12
3		9,10,12,14	13,14,16			
		8,9,12,13	12,13	15,16,17,(21),22	12.2,13.2,14	
		28,29,30	X,X,Y	10,11,12	19,20,25,26	
			6,7,9.3	8,9,11	16,17,18	
NMYMB8	GlobalFiler™	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
		8,9,12,13	12,13	15,16,17,22	12.2,13.2,14	
		28,29,30	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
NRPY9P	GlobalFiler™	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
		8,9,12,13	12,13	15,16,17,22	12.2,13.2,14	
		28,29,30	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
NRQZPG	PowerPlex® Fusion 6C	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
		8,9,12,13	12,13	15,16,17,22	12.2,13.2,14	
		28,29,30	X,Y	10,11,12	19,20,25,26	6,9,10,11
		9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18
NUDQ28	GlobalFiler™	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
		8,9,12,13	12,13	15,16,17,22	12.2,13.2,14	
		28,29,30	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
NVPYX8	PowerPlex® Fusion	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
		8,9,12,13	12,13	15,16,17,22	12.2,13.2,14	
		28,29,30	X,Y	10,11,12	19,20,25,26	6,9,10,11
		9,11,12,15	6,7,9.3	8,9,11	16,17,18	
NVTURR	PowerPlex® Fusion 6C	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
		8,9,12,13	12,13	15,16,17,22	12.2,13.2,14	
		28,29,30	X,Y	10,11,12	19,20,25,26	6,9,10,11
		9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18

TABLE 2

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

Item 3 - STR Results

NYNDKX	Identifiler® Plus	18,24		15,16,17		11,12
3		9,10,12,14	13,14,16			
		8,9,12,13	12,13	15,16,17,22	12.2,13.2,14	
		28,29,30	X,Y	10,11,12	19,20,25,26	
			6,7,9.3	8,9,11	16,17,18	
P78AC7	GlobalFiler™	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
		8,9,12,13	12,13	15,16,17,22	12.2,13.2,14	
		28,29,30	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
PFDN3T	Identifiler® Plus, PowerPlex® FUSION	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
		8,9,12,13	12,13	15,16,17,22	12.2,13.2,14	
		28,29,30	X,Y	10,11,12	19,20,25,26	6,9,10,11
		9,11,12,15	6,7,9.3	8,9,11	16,17,18	
PFPKAJ	Identifiler® Plus	18,24		15,16,17		11,12
3		9,10,12,14	13,14,16			
		8,9,12,13	12,13	15,16,17,22	12.2,13.2,14	
		28,29,30	X,Y	10,11,12	19,20,25,26	
			6,7,9.3	8,9,11	16,17,18	
PHHQXG	PowerPlex® Fusion 6C	18,24	10,10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
		8,9,12,13	12,13	15,16,17,22	12.2,13.2,14	
		28,29,30	X,Y	10,11,12	19,20,25,26	6,9,10,11
		9,11,12,15	14,23.2,28.2,29.2	8,9,11	16,17,18	
PKM8FL	GlobalFiler™	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
		8,9,12,13	12,13	15,16,17,22	12.2,13.2,14	
		28,29,30	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
PUTNXY	PowerPlex® Fusion 6C	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
		8,9,12,13	12,13	15,16,17,22	12.2,13.2,14	
		28,29,30	X,Y	10,11,12	19,20,25,26	6,9,10,11
		9,11,12,15	14,23.2,28.2,29.2	8,9,11	16,17,18	

TABLE 2

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

Item 3 - STR Results

PV6V8Y	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
PVL8P6	PowerPlex® Fusion 6C					
	12,15,15.3,[INC],17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
PWD72H	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
PWJFXN	Identifiler®					
		18,24		15,16,17		11,12
3		9,10,12,14	13,14,16			
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30		X,Y	10,11,12	19,20,25,26	
			6,7,9.3	8,9,11	16,17,18	
PX7L6L	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17	-	11,12
3	-	9,10,12,14	13,[14],[16]	-	13,14,15,16	15,18,19.3,21
	8,9,12,13	12,[13]	-	15,16,17,22	12.2,13.2,14	-
	[28],29,30	15,16,17	X,[Y]	[10],11,12	19,20,25,26	-
	-	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,[18]	
PY8RXU	PowerPlex® 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
Q4WLC7	Investigator® 24plex QS					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	

TABLE 2

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

Item 3 - STR Results

Q4XNX6	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
Q7HDFW	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
Q98AWH	Identifiler® Plus					
		18,24		15,16,17		11,12
3		9,10,12,14	13,14,16			
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30		X,Y	10,11,12	19,20,25,26	
			6,7,9.3	8,9,11	16,17,18	
Q9M8WE	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10,10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
QAZKR3	PowerPlex® 21					
	12,15,15.3,17	18,24		15,16,17		11,12
3	11,15,18	9,10,12,14	13,14,16			15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30		X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15		6,7,9.3	8,9,11	16,17,18	
QER4FE	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
QFLRYA	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	

TABLE 2

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

Item 3 - STR Results

QGH3YJ	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
QGHV KC	PowerPlex® PP21					
	12,15,15.3,17	18,24		15,16,17		11,12
3		9,10,12,14	13,14,16			15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30		X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15		6,7,9.3	8,9,11	16,17,18	
QGKNY6	GlobalFiler™					
	12,15,15.3,17	18,24	10,10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
QH VZLV	Identifiler® Plus					
		18,24		15,16,17		11,12
3		9,10,12,14	13,14,16			
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30		X,Y	10,11,12	19,20,25,26	
			6,7,9.3	8,9,11	16,17,18	
QJ9AGU	GlobalFiler™					
	12,15,15.3,17	18,24	10,10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
QJNL2K	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
QU69AL	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10,10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	

TABLE 2

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

Item 3 - STR Results

R7Y7CC	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
RFKKPA	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
RLQQAY	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
RRD42U	ESI 17 FAST					
	12,15,15.3,(16),17	18,24	10	15,16,17		
3			13,14,16		13,14,15,16	15,18,19.3,21
		12,13		15,16,17,(21),22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y		19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3		16,17,18	
RZT99D	PowerPlex® PP 21					
	12,15,15.3,17	18,24		15,16,17		11,12
3	11,15,18	9,10,12,14	13,14,16			15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30		X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15		6,7,9.3	8,9,11	16,17,18	
T62X38	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
T62ZRB	GlobalFiler™					
	12,15,15.3,17	17,18,23,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	

TABLE 2

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

Item 3 - STR Results

T7QL3D	GlobalFiler™					
	[12],15,[15.3],17	18,24	10	15,[16],17		[11],12
3		[9],10,[12],14	13,[14],[16]		13,14,[15],[16]	15,18,[19.3],[21]
	8,9,12,[13]	12,[13]		[15],[16],17,22	12.2,[13.2],14	
	[28],29,30	[15],16,[17]	X,[Y]	[10],11,12	[19],[20],25,26	
		[14],23.2,[28.2],29.2	6,7,9.3	8,9,11	16,17,[18]	
TD86FL	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
TGA3QE	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
TJ2V9C	PowerPlex® 21					
	12,15,15.3,17	18,24		15,16,17		11,12
3	11,15,18	9,10,12,14	13,14,16			15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30		X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15		6,7,9.3	8,9,11	16,17,18	
TJYA9P	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
TL9PVH	PowerPlex® Fusion 6C and 5C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
TQG68R	Identifiler® Plus					
		18,24		15,16,17		11,12
3		9,10,12,14	13,14,16			
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30		X,Y	10,11,12	19,20,25,26	
			6,7,9.3	8,9,11	16,17,18	

TABLE 2

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

Item 3 - STR Results

TQZL88	GlobalFiler™					
	12,15,15.3,17	18,24	10,10	15,16,17		11,12
3		9,10,12,14	13,[14],[16]		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,[13]		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
TRB932	Identifiler® Plus					
		18,24		15,16,17		11,12
3		9,10,12,14	13,14,16			
	8,9,12,13	12,13		15,16,17,(21),22	12.2,13.2,14	
	28,29,30		X,X,Y	10,11,12	19,20,25,26	
			6,7,9.3	8,9,11	16,17,18	
TXKGCH	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
TYAKRP	PowerPlex® FUSION, GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
TZLPE8	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
U2F6FP	Identifiler® Plus					
	-	18,24	-	15,16,17	-	11,12
3		9,10,12,14	13,14,16			
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	-	X,Y	10,11,12	19,20,25,26	-
	-	-	6,7,9.3	8,9,11	16,17,18	
U2WJJT	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	

TABLE 2

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

Item 3 - STR Results

U7PT3K	GlobalFiler™					
	12,15,15.3,17	18,24	10,10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
U9YWUB	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
UCDPRV	Identifiler® Plus					
		18,24		15,16,17		11,12
3		9,10,12,14	13,14,16			
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30		X,Y	10,11,12	19,20,25,26	
			6,7,9.3	8,9,11	16,17,18	
UDBYMY	PowerPlex® 21					
	12,15,15.3,17	18,24		15,16,17		11,12
3	11,15,18	9,10,12,14	13,14,16			15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30		X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15		6,7,9.3	8,9,11	16,17,18	
UFH4E2	PowerPlex® Fusion 6C					
	12,15,[15.3],17	18,24	10	15,16,17		11,12
3		9,10,[12],14	13,14,16		13,14,15,16	15,18,19.3,21
	[8],9,12,[13]	12,13		15,16,17,22	12.2,[13.2],14	
	28,29,30	[15],16,[17]	X,Y	10,11,12	19,[20],25,26	6,[9],[10],[11]
	9,11,[12],[15]	[14],23.2,[28.2],[29.2]	6,7,9.3	8,9,11	16,17,18	
UPLEMC	GlobalFiler™					
	[12],15,[15.3],17	18,24	10	15,[16],17		[11],12
3		[9],10,[12],14	13,[14],[16]		13,14,[15],[16]	15,18,[19.3],[21]
	8,9,12,[13]	12,[13]		[15],[16],17,22	[12.2],[13.2],14	
	[28],29,[30]	[15],16,[17]	X,[Y]	[10],11,12	[19],[20],25,26	
		[14],23.2,[28.2],29.2	6,7,9.3	8,9,11	16,17,[18]	
UR47LE	Identifiler® Plus					
		18,24		15,16,17		11,12
3		9,10,12,14	13,14,16			
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30		X,Y	10,11,12	19,20,25,26	
			6,7,9.3	8,9,11	16,17,18	

TABLE 2

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

Item 3 - STR Results

URP8FP	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
UUCQKT	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
V4G39B	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
VBZGX2	Investigator® 24plex QS					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
VEGNJF	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
VKLG3F	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
VLXRE4	SureID					
	[12],15,[15.3],17	18,24		15,[16],17		[11],12
3	[11],15,18	[9],10,[12],14	13,[14],[16]			15,18,[19.3],[21]
	[8],9,12,[13]	12,[13]		[15],[16],17,22	12.2,[13.2],14	
	[28],29,[30]		X,[Y]	[10],11,12	[19],[20],25,26	6,[9],10,[11]
	9,11,[12],[15]		6,7,9.3	8,9,11	16,17,[18]	

TABLE 2

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

Item 3 - STR Results

WCG3T	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18		
VZX4VF	GlobalFiler™					
	12,15,15.3,17	18,24	10,10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18		
VZZT66	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
W66WK6	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18		
W96UNP	Identifiler® Plus					
		18,24		15,16,17		11,12
	3	9,10,12,14	13,14,16			
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30		X,Y	10,11,12	19,20,25,26	
		6,7,9.3	8,9,11	16,17,18		
WF947W	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
WGZ3HA	Identifiler® Plus					
	-	18,24	-	15,16,17	-	11,12
	3	9,10,12,14	13,14,16	-	-	-
	8,9,12,13	12,13	-	15,16,17,22	12.2,13.2,14	-
	28,29,30	-	X,Y	10,11,12	19,20,25,26	-
	-	6,7,9.3	8,9,11	16,17,18		

TABLE 2

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

Item 3 - STR Results

WM84UK	GlobalFiler™					
	12,15,15.3,17	18,24	10,10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18		
WPV7NR	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18		
WQMTUM	Identifiler® Plus					
		18,24		15,16,17		11,12
	3	9,10,12,14	13,14,16			
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30		X,Y	10,11,12	19,20,25,26	
		6,7,9.3	8,9,11	16,17,18		
WU3QCN	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18		
WUQWU4	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
WWE77P	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18		
WX6KEZ	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18		

TABLE 2

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

Item 3 - STR Results

WXAUKE	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
WYZKJL	Identifiler® Plus					
		18,24		15,16,17		11,12
3		9,10,12,14	13,14,16			
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30		X,Y	10,11,12	19,20,25,26	
			6,7,9.3	8,9,11	16,17,18	
X8QZT3	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
XAERLK	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
XJ2TZ9	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
XJKAKH	PowerPlex® Fusion 5C					
	12,15,15.3,17	18,24	10,10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15		6,7,9.3	8,9,11	16,17,18	
XQLQQG	GlobalFiler™					
	12,15,15.3,17	18,24	10,10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	

TABLE 2

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

Item 3 - STR Results

XRV7DA	PowerPlex® Fusion 5C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	6,7,9.3	8,9,11	16,17,18		
XW9BZP	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18		
Y47KL8	GlobalFiler™					
	12,15,[15.3],17	18,24	10	[15],[16],17		[11],12
	3	[9],10,12,14	13,[14],[16]		13,14,[15],[16]	15,18,[19.3],[21]
	[8],9,12,[13]	12,[13]		[15],[16],17,22	12.2,[13.2],14	
	[28],29,[30]	[15],16,[17]	X,[Y]	[10],11,12	[19],[20],25,26	
	[14],23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,[18]		
Y79JWZ	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
YBM7MY	PowerPlex® fusion 6C					
	12,15,15.3,17	18,24	10,10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
YH9UNV	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
	3	9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
YLPR8Y	Identifiler® Plus					
		18,24		15,16,17		11,12
	3	9,10,12,14	13,14,16			
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30		X,Y	10,11,12	19,20,25,26	
		6,7,9.3	8,9,11	16,17,18		

TABLE 2

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

Item 3 - STR Results

YVU2C4	PowerPlex® Fusion					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15		6,7,9.3	8,9,11	16,17,18	
YX4E86	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
Z3NWXL	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
Z6VC9X	GlobalFiler™					
	12,15,15.3,17	18,24	10,10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
Z7MEUR	Identifiler® Plus					
		18,24		15,16,17		11,12
3		9,10,12,14	13,14,16			
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30		X,X,Y	10,11,12	19,20,25,26	
			6,7,9.3	8,9,11	16,17,18	
ZAQ3DN	PowerPlex® Fusion					
	12,15,15.3,17	18,24	10	15,16,17		[11],12
3		9,10,12,14	13,14,[16]		13,14,[15],[16]	15,18,19.3,21
	8,9,12,13	12,[13]		15,[16],[17],22	12.2,[13.2],14	
	[28],29,30	15,16,[17]	X,[Y]	[10],11,12	19,20,25,26	6,9,[10],11
	9,11,12,15		[6],7,[9.3]	8,9,[11]	[16],17,18	
ZGPC32	PowerPlex® Fusion 6C, GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	

TABLE 2

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

Item 3 - STR Results

ZRL767	Identifiler®, MiniFiler					
		18,24		15,16,17		11,12
3		[9],10,12,14	13,[14],[16]			
	8,9,12,13	12,[13]		15,16,17,22	12.2,13.2,14	
	[28],29,[30]		X,[Y]	[10],[11],[12]	19,20,25,26	
			6,7,9.3	8,9,11	16,17,18	
ZTHY9W	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
ZWH6PN	GlobalFiler™					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	
		14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	
ZWXQYP	PowerPlex® Fusion 6C					
	12,15,15.3,17	18,24	10	15,16,17		11,12
3		9,10,12,14	13,14,16		13,14,15,16	15,18,19.3,21
	8,9,12,13	12,13		15,16,17,22	12.2,13.2,14	
	28,29,30	15,16,17	X,Y	10,11,12	19,20,25,26	6,9,10,11
	9,11,12,15	14,23.2,28.2,29.2	6,7,9.3	8,9,11	16,17,18	

TABLE 2

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

Item 3e - STR Results

QVXQ3U	Identifiler® Plus				
		18,24		15,17	11,12
3e		10,14	13,13		
	9,12	12,12		17,22	12,2,14
	29,30		X,Y	11,12	25,26
			6,9.3	9,11	16,17

TABLE 2

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

Item 3sp - STR Results

QVXQ3U	Identifiler® Plus				
		18,24		16,17	12,12
3sp		9,12	14,16		
	8,13	12,13		15,16	13,2,14
	28,29		X,X	10,12	19,20
			7,7	8,8	17,18

TABLE 2

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

Item 4 - STR Results

2CUZLV	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
2LGYEL	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
2NMJZ2	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
2QDQHC	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
2U94W9	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,[11]	15,[17]	-	11,12,13
4	-	[8],10,[14]	12,13,15	-	[13],14	15,18,20
	9,11,12	12,13	-	17,20,22	12,12.2,14	-
	29,30	[10],[12],16	X,Y	9,11,12	21,24,25,26	-
	-	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,[17]	
2UEPZW	Investigator® 24plex QS					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
334WV8	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	

TABLE 2

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

Item 4 - STR Results

368U3U	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
369FZV	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
38BKBU	Investigator® 24plex QS					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
3AL6HJ	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
3AWAQ2	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
3BUMAM	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
3D6R6J	Identifiler® Plus					
		18,19,23,24		15,17		11,12,13
4		8,10,14	12,13,15			
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30		X,Y	9,11,12	21,24,25,26	
			6,7,9.3	8,9,11	16,17	

TABLE 2

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

Item 4 - STR Results

3F7J4N	Identifiler®	18,19,23,24		15,17		11,12,13
4		8,10,14	12,13,15			
		9,11,12	12,13	17,20,22	12,12.2,14	
		29,30	X,Y	9,11,12	21,24,25,26	
			6,7,9.3	8,9,11	16,17	
3JPK3G	PowerPlex® Fusion 6C	14,15,17,17.3	18,19,23,24	10,11	15,17	11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
		9,11,12	12,13	17,20,22	12,12.2,14	
		29,30	10,12,16	X,Y	9,11,12	21,24,25,26
		5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17
3M4PQX	Identifiler® Plus	18,19,23,24		15,17		11,12,13
4		8,10,14	12,13,15			
		9,11,12	12,13	17,20,22	12,12.2,14	
		29,30	X,Y	9,11,12	21,24,25,26	
			6,7,9.3	8,9,11	16,17	
3QPVHM	Identifiler® Plus	18,19,23,24		15,17		11,12,13
4		8,10,14	12,13,15			
		9,11,12	12,13	17,20,22	12,12.2,14	
		29,30	X,Y	9,11,12	21,24,25,26	
			6,7,9.3	8,9,11	16,17	
3QQWYE	PowerPlex® Fusion 6C	14,15,17,17.3	18,19,23,24	10,11	15,17	11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
		9,11,12	12,13	17,20,22	12,12.2,14	
		29,30	10,12,16	X,Y	9,11,12	21,24,25,26
		5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17
3U78CH	GlobalFiler™	14,15,17,17.3	18,19,23,24	10,11	15,17	11,12,13
4		8,10,14	12,13,15		13,14	[15],18,20
		9,11,12	12,13	17,20,22	12,12.2,14	
		29,30	10,12,16	X,Y	9,11,12	21,24,25,26
			11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17
3V2UMZ	PowerPlex® Fusion 6C	14,15,17,17.3	18,19,23,24	10,11	15,17	11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
		9,11,12	12,13	17,20,22	12,12.2,14	
		29,30	10,12,16	X,Y	9,11,12	21,24,25,26
		5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17

TABLE 2

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

Item 4 - STR Results

3WA6GJ	PowerPlex® FUSION					
	14,[15,17,17.3]	[18],19,[23,24]	10,[11]	15,[17]		[11],12,13
4		8,10,[14]	12,13,15		[13],14	[15,18],20
	[9],11,12	12,13		17,[20,22]	12,[12.2],14	
	29,30	10,12,16	X,Y	[9],11,[12]	21,24,25,26	2.2,5,[6],10
	5,9,11,16		[6],7,[9.3]	8,[9,11]	16,[17]	
42LAQX	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
43FHUV	PowerPlex® 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
43HH6A	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
48BCRW	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
4BCQLU	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
4BCQNE	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	

TABLE 2

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

Item 4 - STR Results

4BNK7Z	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
4FKLGA	Identifiler® Plus, GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
4NEG3R	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
4Q4QB9	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
4TURHG	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
4UJ3BV	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
4WPNYV	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	

TABLE 2

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

Item 4 - STR Results

62J8UL	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
62XERT	Identifiler® Plus					
		18,19,23,24		15,17		11,12,13
4		8,10,14	12,13,15			
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30		X,Y	9,11,12	21,24,25,26	
			6,7,9.3	8,9,11	16,17	
68368T	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
68RE7N	PowerPlex® 21					
	14,15,17,17.3	18,19,23,24		15,17		11,12,13
4	12,15,17,18	8,10,14	12,13,15			15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30		X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16		6,7,9.3	8,9,11	16,17	
6DAVCJ	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,[11]	15,[17]		[11],12,[13]
4		8,10,14	[12],13,[15]		[13],14	15,18,20
	[9],[11],12	12,13		17,[20],[22]	[12],[12.2],14	
	29,30	10,12,16	X,Y	[9],11,[12]	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,[17]	
6LQ678	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
6QX4N8	PowerPlex® 5C, 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	

TABLE 2

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

Item 4 - STR Results

6QYX8D	Identifiler® Plus, PowerPlex® FUSION					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16		6,7,9.3	8,9,11	16,17	
6RPUGK	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
6UFQC7	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
6WLGEЕ	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
6XEWHG	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17	NT	11,12,13
4	NT	8,10,14	12,13,15	NT	13,14	15,18,20
	9,11,12	12,13	NT	17,20,22	12,12.2,14	NT
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	NT
	NT	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
76RAV8	PowerPlex® Fusion 5C, Investigator® 24plex					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
76V6PR	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	

TABLE 2

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

Item 4 - STR Results

779WH9	PowerPlex® Fusion					
	14,[15],[17],17.3	[18],19,23,[24]	10,11	15,[17]		[11],12,13
4		8,10,[14]	12,13,15		[13],14	[15],[18],20
	[9],11,12	12,13		17,20,[22]	12,[12.2],14	
	29,30	10,12,16	X,Y	9,11,[12]	21,24,[25],[26]	2.2,5,[6],[10]
	5,[9],[11],16		[6],7,[9.3]	8,[9],[11]	16,[17]	
79EEJQ	Investigator® 24plex QS					
	14,15,17,17.3	18,19,23,24	10,[11]	15,[17]		[11],12,[13]
4		[8],10,14	[12],13,[15]		[13],14	15,18,20
	[9],[11],12	12,13		17,[20],[22]	[12],[12.2],14	
	29,30	[10],[12],16	X,Y	[9],11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,[9],11	16,[17]	
7E28T4	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
7ENDC4	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
7HGJMZ	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
7HZHLJ	PowerPlex® Fusion 5C					
	14,15,17,17.3	18,19,23,24	10,(11)	15,(17)	N/A	11,12,13
4	N/A	(8),10,(14)	12,13,15	N/A	(13),14	(15),18,20
	9,11,12	12,13	N/A	17,(20),(22)	12,12.2,14	N/A
	29,30	10,12,16	X,Y	(9),11,(12)	21,24,25,26	2.2,5,6,10
	5,9,11,16	N/A	(6),7,(9.3)	8,(9),11	16,(17)	
7UA34Q	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,16	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	

TABLE 2

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

Item 4 - STR Results

7VCN2R	Investigator® 24plex QS					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
7XVPZK	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
7XVV6L	Identifiler®, SGMPlus, MiniFiler					
		18,19,23,24		15,17		11,12,13
4		8,10,14	12,13,15			
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30		X,Y	9,11,12	21,24,25,26	
			6,7,9.3	8,9,11	16,17	
7ZKG6H	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17	-	11,12,13
4	-	8,10,14	12,13,15	-	13,14	15,18,20
	9,11,12	12,13	-	17,20,22	12,12.2,14	-
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	-
	-	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
87264X	PowerPlex® Fusion 5C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16		6,7,9.3	8,9,11	16,17	
8BYXDF	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
8CCZ42	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	

TABLE 2

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

Item 4 - STR Results

8D37LC	GlobalFiler™, MiniFiler					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
8EWGCT	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
8FRRUU	GlobalFiler™					
	14,[15],[17],17.3	[18],19,23,[24]	10,11	15,[17]		[11],12,13
4		8,10,[14]	12,[13],15		[13],14	[15],[18],20
	[9],11,12	[12],13		17,20,[22]	12,[12.2],14	
	29,30	10,12,[16]	X,Y	9,11,[12]	21,24,[25,26]	
		11.2,22,[23.2],[29.2]	[6],7	8,[9,11]	16,[17]	
8GQ6VN	Identifiler® Plus					
		18,19,23,24		15,17		11,12,13
4		8,10,14	12,13,15			
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30		X,Y	9,11,12	21,24,25,26	
			6,7,9.3	8,9,11	16,17	
8PFNUA	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
8TZBTN	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
8WZLNN	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	

TABLE 2

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

Item 4 - STR Results

8Y2PFB	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
8Y2RYN	PowerPlex® Fusion					
	(14),15,17,17.3	18,19,23,24	10,(11)	15,(17)		(11),12,(13)
4		(8),10,(14)	(12),13,(15)		(13),14	15,(18),20
	(9,11),12	12,(13)		17,(20,22)	12,(12.2),14	
	29,30	(10,12),16	X,Y	(9),11,(12)	21,24,25,26	2.2,5,6,10
	5,9,11,(16)		6,7,9.3	8,(9),11	16,(17)	
96QEKL	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
9DXVW8	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
9MPCLB	Identifiler® Plus					
		18,19,23,24		15,17		11,12,13
4		8,10,14	12,13,15			
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30		X,Y	9,11,12	21,24,25,26	
			6,7,9.3	8,9,11	16,17	
9RKFLM	PowerPlex® Fusion 5C					
	[14,15],17,17.3	18,[19],23,[24]	10,[11]	15,[17]		[11],12,[13]
4		[8],10,[14]	[12],13,[15]		[13],14	[15,18],20
	[9],11,[12]	12,13		17,[20,22]	[12,12.2],14	
	29,30	[10,12],16	X,Y	[9],11,12	21,24,25,26	[2.2],5,6,10
	5,9,11,16		[6],7,[9.3]	8,9,[11]	16,[17]	
9X7WAD	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	

TABLE 2

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

Item 4 - STR Results

A248PQ	PowerPlex® Fusion					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
A4AUZA	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
A4THKQ	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
A6JU4W	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,[11]	15,[17]		[11],12,[13]
4		[8],10,14	[12],13,[15]		[13],14	[15],[18],20
	9,[11],12	12,13		17,[20],[22]	[12],[12.2],14	
	29,30	[10],[12],16	X,Y	[9],11,[12]	21,24,25,26	
		11.2,[22],23.2,29.2	[6],7,[9.3]	8,[9],11	16,[17]	
A7W74L	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
AFJWEZ	ESI 17					
	14,15,17,17.3	18,19,23,24	10,11	15,17		
4			12,13,15		13,14	15,18,20
		12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y		21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3		16,17	
AMKNTG	PowerPlex® F6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	

TABLE 2

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

Item 4 - STR Results

AU3Z4W	PowerPlex® F6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
AU7FJH	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
B9X2DV	PowerPlex® Fusion 5C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16		6,7,9.3	8,9,11	16,17	
BCFNLA	ESI 17 Fast					
	14,15,16,17,17.3,(18.3)	18,19,23,24	10,11	15,16,17		
4			12,13,15		13,14	15,18,20
		12,13		17,19,20,21,22	12,12.2,14	
	29,30	10,12,16	X,Y		21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3		16,17	
BHLKKU	PowerPlex® Fusion 5C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16		6,7,9.3	8,9,11	16,17	
BHRRUH	PowerPlex® 21					
	14,15,17,17.3	18,19,23,24		15,17		11,12,13
4	12,15,17,18	8,10,14	12,13,15			15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30		X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16		6,7,9.3	8,9,11	16,17	
BKVRNM	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	

TABLE 2

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

Item 4 - STR Results

BL7G3T	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
BMFQVQ	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
BT6WYR	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
BTNBDC	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
BUXMQ8	Identifiler® Plus, PowerPlex® FUSION					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16		6,7,9.3	8,9,11	16,17	
C3B4AL	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
C3M6PT	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	

TABLE 2

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

Item 4 - STR Results

CARYR2	Investigator® 24plex QS					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
CB2UQM	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
CFUGG9	Identifiler® Plus					
		18,19,23,24		15,17		11,12,13
4		8,10,14	12,13,15			
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30		X,Y	9,11,12	21,24,25,26	
			6,7,9.3	8,9,11	16,17	
CHJH7A	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
CKPM44	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
CN7ACH	Identifiler® Plus					
		18,19,23,24		15,17		11,12,13
4		8,10,14	12,13,15			
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30		X,Y	9,11,12	21,24,25,26	
			6,7,9.3	8,9,11	16,17	
CVP9B3	PowerPlex® fusion 6c					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	

TABLE 2

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

Item 4 - STR Results

CXQJXQ	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
D7KEQ2	PowerPlex® FUSION 5C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16		6,7,9.3	8,9,11	16,17	
D8FLJY	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
DD2GK3	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
DF8YKJ	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
DHJRLD	Identifiler®					
		18,19,23,24		15,17		11,12,13
4		8,10,14	12,13,15			
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30		X,Y	9,11,12	21,24,25,26	
			6,7,9.3	8,9,11	16,17	
DKMAXM	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	

TABLE 2

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

Item 4 - STR Results

DLJNLF	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
DMUPAZ	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
DXERXL	Identifiler® Plus					
		18,19,23,24		15,17		11,12,13
4		8,10,14	12,13,15			
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30		X,Y	9,11,12	21,24,25,26	
			6,7,9.3	8,9,11	16,17	
DY7PRT	PowerPlex® Fusion 5C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16		6,7,9.3	8,9,11	16,17	
E4UZQB	PowerPlex® 5C					
	14,15,17,17.3	18,19,23,24	10,[11]	15,[17]		[11],12,[13]
4		[8],10,14	12,13,[15]		[13],14	15,[18],20
	9,[11],12	12,13		17,[20],22	[12],[12.2],14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,[16]		[6],7,[9.3]	8,[9],[11]	16,[17]	
E9982B	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,[11]	15,[17]		11,12,[13]
4		[8],10,[14]	[12],13,[15]		[13],14	15,18,20
	[9],[11],12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	[9],11,[12]	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,[9],[11]	16,[17]	
EAX9QC	PowerPlex® Fusion					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16		6,7,9.3	8,9,11	16,17	

TABLE 2

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

Item 4 - STR Results

EETVN7	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
EM8B62	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
ER3F7E	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
ERECD4	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
EVF96J	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
EZEYKQ	Identifiler® Plus, GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
F3FVRD	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	

TABLE 2

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

Item 4 - STR Results

F7BDJW	Identifiler® Plus, GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
FB8D3E	Identifiler® Plus					
		18,19,23,24		15,17		11,12,13
4		8,10,14	12,13,15			
	9,11,12	12,13		17,20,(21),22	12,12.2,14	
	29,30		X,Y	9,11,12	21,24,25,26	
			6,7,9.3	8,9,11	16,17	
FE8GX9	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
FF2WYQ	PowerPlex® Fusion 5C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16		6,7,9.3	8,9,11	16,17	
FF6UGU	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
FFGVYM	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
FHUZY7	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	

TABLE 2

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

Item 4 - STR Results

FKW2Y3	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
	4	8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17		
FLBKQR	GlobalFiler™					
	14,15,17,17.3	18,19,[23],24	10,[11]	15,[17]		[11],12,[13]
	4	[8],10,[14]	[12],13,[15]		[13],14	[15],18,20
	[9],[11],12	12,13		17,[20],[22]	[12],[12.2],14	
	29,30	[10],[12],16	X,Y	[9],11,[12]	[21],24,25,26	
	11.2,22,23.2,29.2	[6],7,[9.3]	8,9,[11]	16,[17]		
FPW6XG	Investigator® 24plex QS					
	14,15,17,17.3	18,19,23,24	10,[11]	15,[17]		[11],12,[13]
	4	[8],10,[14]	[12],13,[15]		[13],14	15,18,20
	[9],[11],12	12,13		17,[20],[22]	[12],[12.2],14	
	29,30	[10],[12],16	X,Y	[9],11,[12]	21,24,25,26	
	11.2,22,23.2,29.2	[6],7,[9.3]	8,9,11	16,[17]		
FRW6KE	Identifiler® Plus					
		18,19,23,24		15,17		11,12,13
	4	8,10,14	12,13,15			
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30		X,Y	9,11,12	21,24,25,26	
		6,7,9.3	8,9,11	16,17		
FTA38P	PowerPlex® 21					
	14,15,17,17.3	18,19,23,24		15,17		11,12,13
	4	12,15,17,18	8,10,14	12,13,15		15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30		X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	6,7,9.3	8,9,11	16,17		
G4NQBM	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
	4	8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17		
G9HLCU	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
	4	8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	

TABLE 2

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

Item 4 - STR Results

GAWHTF	PowerPlex®					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
	4	8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16		6,7,9.3	8,9,11	16,17	
GB7XBZ	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
	4	8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
GHARD9	Identifiler® Plus					
		18,19,23,24		15,17		11,12,13
	4	8,10,14	12,13,15			
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30		X,Y	9,11,12	21,24,25,26	
			6,7,9.3	8,9,11	16,17	
GHM9MF	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
	4	8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
GJY7WQ	GlobalFiler™					
	14,[15],17,17.3	18,[19],23,[24]	10,[11]	15,[17]		[11],12,[13]
	4	[8],10,14	12,13,[15]		[13],14	[15],[18],20
	[9],[11],12	12,13		17,[20],[22]	[12],[12.2],14	
	29,30	10,12,16	X,Y	[9],11,[12]	21,24,25,26	
		11.2,22,23.2,[29.2]	[6],7,[9.3]	8,[9],[11]	16,[17]	
GMWNUJ	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
	4	8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
GQ3KT9	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
	4	8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	

TABLE 2

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

Item 4 - STR Results

GQZUK6	GlobalFiler™, MiniFiler					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
GRACQ9	PowerPlex® ESI-Fast					
	14,15,17,17.3	18,19,23,24	10,11	15,17		
4			12,13,15		13,14	15,18,20
		12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y		21,24,25,26	
			6,7,9.3		16,17	
GRCY8M	PowerPlex® Fusion 5C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16		6,7,9.3	8,9,11	16,17	
GUZLNG	Identifiler® Plus					
		18,19,23,24		15,17		11,12,13
4		8,10,14	12,13,15			
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30		X,Y	9,11,12	21,24,25,26	
			6,7,9.3	8,9,11	16,17	
GZ6YCL	PowerPlex® Fusion System, NGM SElect					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
H2DEJR	ESI 17					
	14,15,17,17.3	18,19,23,24	10,10,10,11	15,15,15,17		
4			12,13,13,15		13,14,14,14	15,18,20,20
		12,12,13,13		17,17,20,22	12,12.2,14,14	
	29,29,30,36	10,12,16,16	X,X,Y,Y		21,24,25,26	
		11.2,22,23.2,29.2	6,7,7,9.3		16,16,16,17	
H2WTWN	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	

TABLE 2

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

Item 4 - STR Results

H3QFBD	PowerPlex® Fusion 5C					
	14,[15],[17],[17.3]	18,19,23,24	10,[11]	15,[17]		[11],12,[13]
4		[8],10,[14]	12,13,15		[13],14	[15],18,20
	9,11,12	12,13		17,[20],[22]	[12],[12.2],14	
	29,30	[10],12,16	X,Y	9,11,[12]	21,24,25,[26]	2.2,5,[6],10
	5,[9],[11],[16]		[6],7,[9.3]	8,[9],[11]	16,[17]	
H42694	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
H42DQF	Investigator® 24plex QS					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
H4YF47	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
H6ATTF	GlobalFiler™					
	14,15,17,17.3	18,19,23,[24]	10,[11]	15,[17]		[11],12,[13]
4		[8],10,[14]	12,13,15		[13],14	[15],18],20
	[9],11,12	12,13		17,[20,22]	[12,12.2],14	
	29,30	10,12,16	X,Y	[9],11,[12]	21,24,25,26	
		11.2,22,23.2,29.2	[6],7,[9.3]	8,[9],[11]	16,[17]	
H6U2R7	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
H7QCQE	PowerPlex® 16 HS					
				15,17		11,12,13
4		8,10,14	12,13,15			
	9,11,12	12,13		17,20,22		
	29,30		X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16		6,7,9.3	8,9,11	16,17	

TABLE 2

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

Item 4 - STR Results

HBYCUB	Identifiler® Plus	18,19,23,24		15,17		11,12,13
4		8,10,14	12,13,15			
		9,11,12	12,13	17,20,22	12,12.2,14	
		29,30	X,Y	9,11,12	21,24,25,26	
			6,7,9.3	8,9,11	16,17	
HKPVB4	GlobalFiler™	14,15,17,17.3	18,19,23,24	10,11	15,17	11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
		9,11,12	12,13	17,20,22	12,12.2,14	
		29,30	10,12,16	X,Y	9,11,12	21,24,25,26
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
HMUG6W	PowerPlex® Fusion 6C	14,15,17,17.3	18,19,23,24	10,11	15,17	11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
		9,11,12	12,13	17,20,22	12,12.2,14	
		29,30	10,12,16	X,Y	9,11,12	21,24,25,26
		5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17
HRCEYD	GlobalFiler™	14,15,17,17.3	18,19,23,24	10,11	15,17	11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
		9,11,12	12,13	17,20,22	12,12.2,14	
		29,30	10,12,16	X,Y	9,11,12	21,24,25,26
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
HZ6UKB	PowerPlex® Fusion 6C	14,15,17,17.3	18,19,23,24	10,11	15,17	11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
		9,11,12	12,13	17,20,22	12,12.2,14	
		29,30	10,12,16	X,Y	9,11,12	21,24,25,26
		5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17
J4XDYE	GlobalFiler™	14,15,17,17.3	18,19,23,24	10,11	15,17	11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
		9,11,12	12,13	17,20,22	12,12.2,14	
		29,30	10,12,16	X,Y	9,11,12	21,24,25,26
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
JBHBR9	PowerPlex® Fusion 6C	14,15,17,17.3	18,19,23,24	10,11	15,17	11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
		9,11,12	12,13	17,20,22	12,12.2,14	
		29,30	10,12,16	X,Y	9,11,12	21,24,25,26
		5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17

TABLE 2

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

Item 4 - STR Results

JDJG6T	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
	4	8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17		
JDQGDA	PowerPlex® 21					
	14,15,17,17.3	18,19,23,24		15,17		11,12,13
	4	12,15,17,18	8,10,14	12,13,15		15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30		X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	6,7,9.3	8,9,11	16,17		
JDQVQP	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17	-	11,12,13
	4	-	8,10,14	12,13,15	-	13,14
	9,11,12	12,13	-	17,20,22	12,12.2,14	-
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	-
	-	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
JFRK3B	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
	4	8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17		
JGKP94	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
	4	8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17		
JWV7HQ	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
	4	8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
JXAJ99	PowerPlex® 21					
	14,15,17,17.3	18,19,23,24		15,17		11,12,13
	4	12,15,17,18	8,10,14	12,13,15		15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30		X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	6,7,9.3	8,9,11	16,17		

TABLE 2

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

Item 4 - STR Results

JXWRHD	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
JYKCZ3	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
K3JDBJ	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
K8EZBY	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
K934TR	Identifiler® Plus, GlobalFiler™, Investigator® 24plex					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
K9Q7L2	GlobalFiler™, MiniFiler					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
KG3PEE	Identifiler® Plus					
		18,19,23,24		15,17		11,12,13
4		8,10,14	12,13,15			
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30		X,Y	9,11,12	21,24,25,26	
			6,7,9.3	8,9,11	16,17	

TABLE 2

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

Item 4 - STR Results

KLBAWJ	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
	4	8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17		
KLUMB4	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
	4	8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17		
KRJ8EJ	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
	4	8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17		
KV3UZW	PowerPlex® 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
	4	8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
L96KEA	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
	4	8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17		
LACVBD	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
	4	8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
LB9FWR	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
	4	8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17		

TABLE 2

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

Item 4 - STR Results

LBPCM7	PowerPlex® Fusion					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16		6,7,9.3	8,9,11	16,17	
LDU6EJ	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
LET4XR	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
LFKTRR	Identifiler® Plus, GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
LQLMCX	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
LRV4H3	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
LRZJU4	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	

TABLE 2

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

Item 4 - STR Results

LULTVA	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
M44YZC	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
M7BJ4Y	Identifiler®					
		18,19,23,24		15,17		11,12,13
4		8,10,14	12,13,15			
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30		X,Y	9,11,12	21,24,25,26	
			6,7,9.3	8,9,11	16,17	
M7R9CY	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
M9JAEF	Identifiler®, Investigator® 24plex					
	14,[15,17],17.3	[18],19,23,[24]	10,[11]	15,[17]		[11],12,13
4		8,10,[14]	12,13,[15]		[13],14	[15,18],20
	[9],11,12	[12],13		17,20,[22]	12,[12.2],14	
	29,30	10,12,[16]	X,Y	9,11,[12]	21,24,[25,26]	
		11.2,22,[23.2,29.2]	[6],7,[9.3]	8,[9,11]	16,[17]	
M9LWVU	PowerPlex® F6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
MJHZYN	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	

TABLE 2

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

Item 4 - STR Results

MNCYCX	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
MP4VZR	Investigator® 24plex QS					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
MQJ8M4	Identifiler®					
		18,19,23,24		15,17		11,12,13
4		8,10,14	12,13,15			
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30		X,Y	9,11,12	21,24,25,26	
			6,7,9.3	8,9,11	16,17	
MT3YGZ	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17	n/t	11,12,13
4	n/t	8,10,14	12,13,15	n/t	13,14	15,18,20
	9,11,12	12,13	n/t	17,20,22	12,12.2,14	n/t
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	n/t
	n/t	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
N8KCP7	PowerPlex® 21					
	14,15,17,17.3	18,19,23,24		15,17		11,12,13
4	12,15,17,18	8,10,14	12,13,15			15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30		X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16		6,7,9.3	8,9,11	16,17	
ND6LN3	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
NJF8Q2	Identifiler® Plus					
		18,19,23,24		15,17		11,12,13
4		8,10,14	12,13,15			
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30		X,Y	9,11,12	21,24,25,26	
			6,7,9.3	8,9,11	16,17	

TABLE 2

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

Item 4 - STR Results

NK9R46	Identifiler® Plus	18,19,23,24		15,17		11,12,13
4		8,10,14	12,13,15			
		9,11,12	12,13	17,20,(21),22	12,12.2,14	
		29,30	X,Y	9,11,12	21,24,25,26	
			6,7,9.3	8,9,11	16,17	
NMYMB8	GlobalFiler™	14,15,17,17.3	18,19,23,24	10,11	15,17	11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
		9,11,12	12,13	17,20,22	12,12.2,14	
		29,30	10,12,16	X,Y	9,11,12	21,24,25,26
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
NRPY9P	GlobalFiler™	14,15,17,17.3	18,19,23,24	10,11	15,17	11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
		9,11,12	12,13	17,20,22	12,12.2,14	
		29,30	10,12,16	X,Y	9,11,12	21,24,25,26
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
NRQZPG	PowerPlex® Fusion 6C	14,15,17,17.3	18,19,23,24	10,11	15,17	11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
		9,11,12	12,13	17,20,22	12,12.2,14	
		29,30	10,12,16	X,Y	9,11,12	21,24,25,26
		5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17
NUDQ28	GlobalFiler™	14,15,17,17.3	18,19,23,24	10,11	15,17	11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
		9,11,12	12,13	17,20,22	12,12.2,14	
		29,30	10,12,16	X,Y	9,11,12	21,24,25,26
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
NVPYX8	PowerPlex® Fusion	14,15,17,17.3	18,19,23,24	10,11	15,17	11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
		9,11,12	12,13	17,20,22	12,12.2,14	
		29,30	10,12,16	X,Y	9,11,12	21,24,25,26
		5,9,11,16	6,7,9.3	8,9,11	16,17	
NVTURR	PowerPlex® Fusion 6C	14,15,17,17.3	18,19,23,24	10,11	15,17	11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
		9,11,12	12,13	17,20,22	12,12.2,14	
		29,30	10,12,16	X,Y	9,11,12	21,24,25,26
		5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17

TABLE 2

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

Item 4 - STR Results

NYNDKX	Identifiler® Plus					
		18,19,23,24		15,17		11,12,13
4		8,10,14	12,13,15			
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30		X,Y	9,11,12	21,24,25,26	
			6,7,9.3	8,9,11	16,17	
P78AC7	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
PFDN3T	Identifiler® Plus, PowerPlex® FUSION					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16		6,7,9.3	8,9,11	16,17	
PFPKAJ	Identifiler® Plus					
		18,19,23,24		15,17		11,12,13
4		8,10,14	12,13,15			
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30		X,Y	9,11,12	21,24,25,26	
			6,7,9.3	8,9,11	16,17	
PHHQXG	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
PKM8FL	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
PUTNXY	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	

TABLE 2

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

Item 4 - STR Results

PV6V8Y	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
PVL8P6	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,[12],16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
PWD72H	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
PWJFXN	Identifiler®					
		18,19,23,24		15,17		11,12,13
4		8,10,14	12,13,15			
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30		X,Y	9,11,12	21,24,25,26	
			6,7,9.3	8,9,11	16,17	
PX7L6L	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,[11]	15,[17]	-	11,12,13
4	-	8,10,14	12,13,15	-	[13],14	15,18,20
	9,11,12	12,13	-	17,20,22	12,12.2,14	-
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	-
	-	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,[17]	
PY8RXU	PowerPlex® 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,13,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
Q4WLC7	Investigator® 24plex QS					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	

TABLE 2

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

Item 4 - STR Results

Q4XNX6	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
Q7HDFW	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
Q98AWH	Identifiler® Plus					
		18,19,23,24		15,17		11,12,13
4		8,10,14	12,13,15			
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30		X,Y	9,11,12	21,24,25,26	
			6,7,9.3	8,9,11	16,17	
Q9M8WE	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
QAZKR3	PowerPlex® 21					
	14,15,17,17.3	18,19,23,24		15,17		11,12,13
4	12,15,17,18	8,10,14	12,13,15			15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30		X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16		6,7,9.3	8,9,11	16,17	
QER4FE	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
QFLRYA	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	

TABLE 2

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

Item 4 - STR Results

QGH3YJ	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
QGHVKC	PowerPlex® PP21					
	14,15,17,17.3	18,19,23,24		15,17		11,12,13
4	12,15,17,18	8,10,14	12,13,15			15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30		X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16		6,7,9.3	8,9,11	16,17	
QGKNY6	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
QHYZLV	Identifiler® Plus					
		18,19,23,24		15,17		11,12,13
4		8,10,14	12,13,15			
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30		X,Y	9,11,12	21,24,25,26	
			6,7,9.3	8,9,11	16,17	
QJ9AGU	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
QJNL2K	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
QU69AL	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	

TABLE 2

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

Item 4 - STR Results

R7Y7CC	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
RFKKPA	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
RLQQAY	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
RRD42U	ESI 17 FAST					
	14,15,(16),17,17.3	18,19,23,24	10,11	15,17		
4			12,13,15		13,14	15,18,20
		12,13		(16),17,(19),20,(21), 22	12,12.2,14	
	29,30	10,12,16	X,Y		21,24,25,26	
		11.2,(21),22,23.2,29.2	6,7,9.3		16,17	
RZT99D	PowerPlex® PP 21					
	14,15,17,17.3	18,19,23,24		15,17		11,12,13
4	12,15,17,18	8,10,14	12,13,15			15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30		X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16		6,7,9.3	8,9,11	16,17	
T62X38	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
T62ZRB	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	

TABLE 2

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

Item 4 - STR Results

T7QL3D	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,[11]	15,[17]		11,12,[13]
	4	[8],10,[14]	[12],13,[15]		[13],14	15,18,20
	[9],[11],12	12,13		17,20,22	[12],[12.2],14	
	29,30	[10],[12],16	X,Y	[9],11,12	21,24,25,26	
	11.2,22,23.2,29.2	6,7,[9.3]	8,[9],11	16,[17]		
TD86FL	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
	4	8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17		
TGA3QE	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
	4	8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17		
TJ2V9C	PowerPlex® 21					
	14,15,17,17.3	18,19,23,24		15,17		11,12,13
	4	12,15,17,18	8,10,14	12,13,15		15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30		X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	6,7,9.3	8,9,11	16,17		
TJYA9P	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
	4	8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17		
TL9PVH	PowerPlex® Fusion 6C and 5C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
	4	8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
TQG68R	Identifiler® Plus					
		18,19,23,24		15,17		11,12,13
	4	8,10,14	12,13,15			
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30		X,Y	9,11,12	21,24,25,26	
		6,7,9.3	8,9,11	16,17		

TABLE 2

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

Item 4 - STR Results

TQZL88	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,[11]	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
TRB932	Identifiler® Plus					
		18,19,23,24		15,17		11,12,13
4		8,10,14	12,13,15			
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30		X,Y	9,11,12	21,24,25,26	
			6,7,9.3	8,9,11	16,17	
TXKGCH	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
TYAKRP	PowerPlex® FUSION, GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
TZLPE8	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
U2F6FP	Identifiler® Plus					
	-	18,19,23,24	-	15,17	-	11,12,13
4		8,10,14	12,13,15	-	-	-
	9,11,12	12,13	-	17,20,22	12,12.2,14	-
	29,30	-	X,Y	9,11,12	21,24,25,26	-
	-	-	6,7,9.3	8,9,11	16,17	
U2WJJT	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	

TABLE 2

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

Item 4 - STR Results

U7PT3K	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
U9YWUB	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
UCDPRV	Identifiler® Plus					
		18,19,23,24		15,17		11,12,13
4		8,10,14	12,13,15			
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30		X,Y	9,11,12	21,24,25,26	
			6,7,9.3	8,9,11	16,17	
UDBYMY	PowerPlex® 21					
	14,15,17,17.3	18,19,23,24		15,17		11,12,13
4	12,15,17,18	8,10,14	12,13,15			15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30		X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16		6,7,9.3	8,9,11	16,17	
UFH4E2	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
UPLMC	GlobalFiler™					
	14,15,[17],[17.3]	[18],19,23,24	10,[11]	15,[17]		[11],12,[13]
4		[8],10,[14]	[12],13,[15]		[13],14	15,18,20
	[9],[11],12	12,[13]		17,[20],[22]	[12],[12.2],14	
	29,30	[10],[12],16	X,Y	[9],11,[12]	[21],24,25,26	
		11.2,22,23.2,29.2	6,7,[9.3]	8,[9],11	16,[17]	
UR47LE	Identifiler® Plus					
		18,19,23,24		15,17		11,12,13
4		8,10,14	12,13,15			
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30		X,Y	9,11,12	21,24,25,26	
			6,7,9.3	8,9,11	16,17	

TABLE 2

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

Item 4 - STR Results

URP8FP	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
UUCQKT	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
V4G39B	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
VBZGX2	Investigator® 24plex QS					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
VEGNJF	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
VKLG3F	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
VLXRE4	SureID					
	14,15,17,17.3	18,19,23,24		15,[17]		[11],12,[13]
4	12,15,17,18	[8],10,[14]	[12],13,[15]			[15],[18],20
	[9],[11],12	12,13		17,[20],[22]	12,12.2,14	
	29,30		X,Y	[9],11,[12]	21,24,25,26	2.2,5,6,10
	5,9,11,16		[6],7,[9.3]	8,[9],[11]	16,[17]	

TABLE 2

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

Item 4 - STR Results

WCG3T	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
	4	8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17		
VZX4VF	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
	4	8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17		
VZT66	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
	4	8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
W66WK6	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
	4	8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17		
W96UNP	Identifiler® Plus					
		18,19,23,24		15,17		11,12,13
	4	8,10,14	12,13,15			
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30		X,Y	9,11,12	21,24,25,26	
		6,7,9.3	8,9,11	16,17		
WF947W	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
	4	8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
WGZ3HA	Identifiler® Plus					
	-	18,19,23,24	-	15,17	-	11,12,13
	4	8,10,14	12,13,15	-	-	-
	9,11,12	12,13	-	17,20,22	12,12.2,14	-
	29,30	-	X,Y	9,11,12	21,24,25,26	-
	-	6,7,9.3	8,9,11	16,17		

TABLE 2

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

Item 4 - STR Results

WM84UK	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
WPV7NR	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
WQMTUM	Identifiler® Plus					
		18,19,23,24		15,17		11,12,13
4		8,10,14	12,13,15			
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30		X,Y	9,11,12	21,24,25,26	
			6,7,9.3	8,9,11	16,17	
WU3QCN	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
WUQWU4	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
WWE77P	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
WX6KEZ	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	

TABLE 2

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

Item 4 - STR Results

WXAUKE	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
WYZKJL	Identifiler® Plus					
		18,19,23,24		15,17		11,12,13
4		8,10,14	12,13,15			
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30		X,Y	9,11,12	21,24,25,26	
			6,7,9.3	8,9,11	16,17	
X8QZT3	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
XAERLK	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
XJ2TZ9	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
XJKAKH	PowerPlex® Fusion 5C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16		6,7,9.3	8,9,11	16,17	
XQLQQG	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	

TABLE 2

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

Item 4 - STR Results

XR7DA	PowerPlex® Fusion 5C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
	4	8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16		6,7,9.3	8,9,11	16,17	
XW9BZP	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
	4	8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
Y47KL8	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,[11]	15,[17]		[11],12,[13]
	4	[8],10,[14]	[12],13,[15]		[13],14	15,18,20
	[9],[11],12	12,13		17,[20],[22]	[12],[12.2],14	
	29,30	[10],[12],16	X,Y	[9],11,[12]	[21],24,25,[26]	
		11.2,[22],23.2,29.2	[6],7,[9.3]	8,9,[11]	16,[17]	
Y79JWZ	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
	4	8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
YBM7MY	PowerPlex® fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
	4	8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
YH9UNV	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
	4	8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
YLPR8Y	Identifiler® Plus					
		18,19,23,24		15,17		11,12,13
	4	8,10,14	12,13,15			
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30		X,Y	9,11,12	21,24,25,26	
		6,7,9.3	8,9,11	16,17		

TABLE 2

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

Item 4 - STR Results

YVU2C4	PowerPlex® Fusion					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16		6,7,9.3	8,9,11	16,17	
YX4E86	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
Z3NWXL	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
Z6VC9X	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
Z7MEUR	Identifiler® Plus					
		18,19,23,24		15,17		11,12,13
4		8,10,14	12,13,15			
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30		X,Y	9,11,12	21,24,25,26	
			6,7,9.3	8,9,11	16,17	
ZAQ3DN	PowerPlex® Fusion					
	14,15,17,[17.3]	18,19,23,24	10,[11]	15,[17]		[11],12,[13]
4		8,10,[14]	12,13,15		[13],14	15,18,20
	[9],11,12	12,13		17,[20],22	[12],[12.2],14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	[2.2],5,6,10
	5,9,11,[16]		6,7,[9.3]	8,[9],11	16,[17]	
ZGPC32	PowerPlex® Fusion 6C, GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	

TABLE 2

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

Item 4 - STR Results

ZRL767	Identifiler®, MiniFiler					
		18,19,23,24		15,[17]		11,12,13
4		8,10,14	12,13,15			
	9,11,12	12,13		17,[20],[22]	12,12.2,14	
	29,30		X,Y	[9],[11],[12]	21,24,25,26	
			6,7,9.3	8,[9],[11]	16,[17]	
ZTHY9W	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
ZWH6PN	GlobalFiler™					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	
		11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	
ZWXQYP	PowerPlex® Fusion 6C					
	14,15,17,17.3	18,19,23,24	10,11	15,17		11,12,13
4		8,10,14	12,13,15		13,14	15,18,20
	9,11,12	12,13		17,20,22	12,12.2,14	
	29,30	10,12,16	X,Y	9,11,12	21,24,25,26	2.2,5,6,10
	5,9,11,16	11.2,22,23.2,29.2	6,7,9.3	8,9,11	16,17	

TABLE 2

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

Item 4e - STR Results

QVXQ3U	Identifiler®				
		18,24		15,17	11,12
4e		10,14	13,13		
	9,12	12,12		17,22	12.2,14
	29,30		X,Y	11,12	25,26
			6,9.3	9,11	16,17

TABLE 2

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

Item 4sp - STR Results

QVXQ3U	Identifiler®				
		19,23		15,15	12,13
4sp		8,10	12,15		
	11,12	13,13		17,20	12,14
	29,30		X,Y	9,11	21,24
			7,7	8,8	16,16

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

2CUZLV	Yfiler™ Plus, GlobalFiler™ Express									
1	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22		38
		12		17	18		22	24		11
										2
2LGYEL	Yfiler™ Plus, GlobalFiler™									
1	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22		38
		12		17	18		22	24		11
										2
2NMJZ2	Yfiler™, GlobalFiler™									
1		14	11,14	13	29	24	11	13	13	14
	9	13	18		15	15				
								24		11
										2
2QDQHC	GlobalFiler™									
1							11			
										2
2U94W9	Yfiler™ Plus									
1	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22	-	38
	-	12	-	17	18	-	22	24	-	11
										2
2UEPZW	Investigator® 24plex QS									
1							11			
										2
334WV8	Yfiler™ Plus, GlobalFiler™									
1	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22		38
		12		17	18		22	24		11
										2
368U3U	GlobalFiler™ Express									
1							11			
										2
369FZV	GlobalFiler™									
1							11			
										2
38BKBU	Investigator® 24plex QS									
1							11			
										2
3AL6HJ	GlobalFiler™									
1							11			
										2

TABLE 3

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

Item 1 - YSTR Results

3AWAQ2	GlobalFiler™									
1	11									
	2									
3BUMAM	PowerPlex® Y 23									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15	22				
	12	13	17	18		24	10	11		
3F7J4N	GlobalFiler™									
1	11									
	2									
3JPK3G	PowerPlex® Fusion 6C									
1	11									
	17 18									
3M4PQX	PowerPlex® Y System									
1	14	11,14	13	29	24	11	13	13	14	
	9	13								
3QPVHM	PowerPlex® Y 23, GlobalFiler™ Express									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15	22				
	12	13	17	18		24	10	11	2	
3QQWYE	Yfiler™, PowerPlex® Fusion 6C									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
			17	18		24		11		
3U78CH	GlobalFiler™									
1	11									
	2									
3V2UMZ	PowerPlex® Y 23									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15	22				
	12	13	17	18		24	10	11		
3WA6GJ	PowerPlex® Y 23, PowerPlex® Fusion									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15	22				
	12	13	17	18		24	10	11		
42LAQX	PowerPlex® Y 23, PowerPlex® Fusion 6C									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15	22				
	12	13	17	18		24	10	11		

TABLE 3

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

Item 1 - YSTR Results

43FHUV	PowerPlex® Fusion 6C									
1	11									
	17 18									
43HH6A	PowerPlex® Y 23, GlobalFiler™									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15	22				
	12	13	17	18		24	10	11	2	
48BCRW	GlobalFiler™									
1	11									
	2									
4BCQLU	GlobalFiler™ Express									
1	11									
	2									
4BCQNE	Yfiler™, PowerPlex® Fusion 6C									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
			17	18		24		11		
4BNK7Z	Yfiler™ Plus									
1	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22	38	
	12		17	18		22	24		11	2
4FKLGA	PowerPlex® Y 23, GlobalFiler™									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15	22				
	12	13	17	18		24	10	11	2	
4L8WJY	Yfiler™, GlobalFiler™, GlobalFiler Express									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
						24		11		
4NEG3R	Yfiler™ Plus, GlobalFiler™ Express									
1	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22	38	
	12		17	18		22	24		11	2
4Q4QB9	Yfiler™									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
						24		11	2	
4TURHG	GlobalFiler™									
1	11									
	2									

TABLE 3

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

Item 1 - YSTR Results

4UJ3BV	PowerPlex® Fusion 6C									
1	11									
	17 18									
4WPNYV	PowerPlex® Fusion 6C									
1	11									
	17 18									
62J8UL	GlobalFiler™ Express									
1	11									
	2									
62XERT	PowerPlex® Y 23, GlobalFiler™									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15		22			
	12	13	17	18			24	10	11	2
68368T	PowerPlex® Fusion 6C									
1	11									
	17 18									
6DAVCJ	Yfiler™ Plus, GlobalFiler™									
1	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22		38
	12		17	18			22	24	11	2
6LQ678										
1	11									
	17 18									
6QK2TD	PowerPlex® Fusion 6C-Direct									
1	11									
	17 18									
6QX4N8	PowerPlex® Fusion 5c,6c									
1	11									
	17 18									
6QYX8D	PowerPlex® Y 23									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15		22			
	12	13	17	18			24	10	11	
6RPUGK	PowerPlex® Y 23, PowerPlex® Fusion 6C									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15		22			
	12	13	17	18			24	10	11	

TABLE 3

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

Item 1 - YSTR Results

6UFQC7	Yfiler™ Plus, GlobalFiler™										
1	36	14	11,14	13	29	24	11	13	13	14	
	9	13	18	29	15	15	10	22		38	
		12		17	18		22	24		11	2
6WLGE	PowerPlex® Fusion 6C										
1							11				
					17	18					
6XEWGH	GlobalFiler™										
1	NT	NT	NT	NT	NT	NT	11	NT	NT	NT	
	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2
76RAV8	Yfiler™, PowerPlex® Fusion 5C, Investigator® 24plex										
1		14	11,14	13	29	24	11	13	13	14	
	9	13	18		15	15					
								24		11	
76V6PR	GlobalFiler™ Express										
1							11				
											2
779WH9	PowerPlex® Fusion										
1							11				
79EEJQ	Investigator® 24plex QS										
1							11				
7E28T4	PowerPlex® Fusion 6C										
1							11				
					17	18					
7ENDC4	Yfiler™ Plus, GlobalFiler™										
1	36	14	11,14	13	29	24	11	13	13	14	
	9	13	18	29	15	15	10	22		38	
		12		17	18		22	24		11	2
7HGJMZ	Yfiler™, PowerPlex® Fusion 6C										
1		14	11,14	13	29	24	11	13	13	14	
	9	13	18		15	15					
					17	18		24		11	
7HZHLJ											
1							11				

TABLE 3

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

Item 1 - YSTR Results

7UA34Q	PowerPlex® Fusion 6C										
1	11										
	17 18										
7VCN2R	PowerPlex® Fusion 6C, Investigator® 24plex QS										
1	11										
	17 18										
7XFJKU	GlobalFiler™										
1	11										
7XVPZK	PowerPlex® Y 23										
1	14	11,14	13	29	24	11	13	13	14		
	9	13	18	15	15		22				
	12	13	17	18			24	10	11		
7XW6L	GlobalFiler™										
1	11										
	2										
7ZKG6H	Yfiler™, GlobalFiler™										
1	-	14	11,14	13	29	24	11	13	13	14	
	9	13	18	-	15	15	-	-	-	-	
	-	-	-	-	-	-	-	24	-	11	2
87264X	PowerPlex® Fusion 5C										
1	11										
8BYXDF	GlobalFiler™										
1	11										
	2										
8CCZ42	GlobalFiler™										
1	11										
	2										
8D37LC	GlobalFiler™										
1	11										
	2										
8EWGCT	Yfiler™, GlobalFiler™										
1	14	11,14	13	29	24	11	13	13	14		
	9	13	18	15	15						
							24		11	2	

TABLE 3

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

Item 1 - YSTR Results

8FRRUU	Yfiler™, GlobalFiler™									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
							24		11	2
8PFNUA	GlobalFiler™									
1						11				
										2
8TZBTN	GlobalFiler™									
1						11				
										2
8WZLNN	GlobalFiler™									
1						11				
										2
8Y2PFB	Yfiler™, PowerPlex® Fusion 6C									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
			17	18			24		11	
8Y2RYN	PowerPlex® Y 23									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15		22			
	12	13	17	18			24	10	11	
96QEKL	PowerPlex® Fusion 6C Direct									
1						11				
			17	18						
9DXVW8	GlobalFiler™ Express									
1						11				
										2
9MPCLB	Yfiler™									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
							24		11	
9RKFLM	PowerPlex® Y 23, PowerPlex® Fusion 5C									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15		22			
	12	13	17	18			24	10	11	
9X7WAD	GlobalFiler™									
1						11				
										2

TABLE 3

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

Item 1 - YSTR Results

A248PQ	Yfiler™, PowerPlex® Fusion									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
			17	18			24		11	
A4AUZA	Yfiler™, GlobalFiler™									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
							24		11	2
A4THKQ	PowerPlex® Fusion 6C									
1						11				
			17	18						
A6JU4W	GlobalFiler™									
1						11				
										2
A7W74L	GlobalFiler™									
1						11				
										2
AMKNTG	PowerPlex® Y 23, PowerPlex® Fusion 6C									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15		22			
		12	13	17	18		24	10	11	
AU3Z4W	PowerPlex® Y 23									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15		22			
		12	13	17	18		24	10	11	
AU7FJH	PowerPlex® Fusion 6C Direct									
1						11				
			17	18						
B9X2DV	Yfiler™, PowerPlex® Fusion 5C									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
							24		11	
BHLKKU	PowerPlex® Fusion 5C									
1						11				
BHRRUH	Yfiler™									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
							24		11	

TABLE 3

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

Item 1 - YSTR Results

BKVRNM	GlobalFiler™ Express									
1	11									
	2									
BL7G3T	PowerPlex® Y 23									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15	22				
	12	13	17	18		24	10	11		
BMFQVQ	PowerPlex® Y 23									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15	22				
	12	13	17	18		24	10	11		
BT6WYR	Yfiler™ Plus									
1	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22	38	
	12		17	18		22	24		11	2
BTNBDC	GlobalFiler™									
1	11									
	2									
BUXMQ8	PowerPlex® Y 23									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15	22				
	12	13	17	18		24	10	11		
C3B4AL	GlobalFiler™ Express									
1	11									
	2									
C3M6PT	PowerPlex® Y 23									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15	22				
	12	13	17	18		24	10	11		
CARYR2	Yfiler™									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
							24		11	
CB2UQM	PowerPlex® Fusion 6C									
1	11									
	17 18									
CHJH7A	Yfiler™ Plus, GlobalFiler™									
1	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22	38	
	12		17	18		22	24		11	2

TABLE 3

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

Item 1 - YSTR Results

CKPM44	Yfiler™									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
								24	11	2
CVP9B3	Yfiler™, PowerPlex® Fusion 6C									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
			17	18				24	11	
CXQJXQ	PowerPlex® Y 23									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15		22			
		12	13	17	18		24	10	11	
D7KEQ2	PowerPlex® Fusion 5C									
1						11				
D8FLJY	Yfiler™									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
								24	11	2
DD2GK3	GlobalFiler™									
1						11				
DF8YKJ	GlobalFiler™ Express									
1						11				
DHJRLD	Yfiler™ Plus, GlobalFiler™									
1	36,36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22	38	
		12		17	18		22	24	11	2
DKMAXM	Yfiler™, PowerPlex® Fusion 6C									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
			17	18				24	11	
DLJNLF	PowerPlex® Fusion 6C Direct									
1						11				
			17	18						
DMUPAZ	GlobalFiler™									
1						11				
										2

TABLE 3

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

Item 1 - YSTR Results

DXERXL PowerPlex® Y 23, GlobalFiler™ Express										
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15		22			
	12	13	17	18			24	10	11	2
DY7PRT PowerPlex® Y 23, GlobalFiler™										
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15		22			
	12	13	17	18			24	10	11	2
E4UZQB PowerPlex® Y 23, PowerPlex® Fusion 5C, DYS391 only										
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15		22			
	12	13	17	18			24	10	11	
E9982B Yfiler™ Plus										
1	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22		38
	12		17	18			22	24		11
EAX9QC PowerPlex® Y 23, PowerPlex® Fusion 5C										
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15		22			
	12	13	17	18			24	10	11	
EETVN7 Yfiler™ Plus, GlobalFiler™										
1	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22		38
	12		17	18			22	24		11
EM8B62 GlobalFiler™ Express										
1						11				
										2
ER3F7E Yfiler™ Plus										
1	36,36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22		38
	12		17	18			22	24		11
ERECD4 GlobalFiler™										
1						11				
										2
EVF96J										
1						11				
										2
EZEYKQ Yfiler™ Plus, GlobalFiler™										
1	36,36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22		38
	12		17	18			22	24		11

TABLE 3

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

Item 1 - YSTR Results

F3FVRD	PowerPlex® Fusion 6C Direct									
1	11									
	17 18									
F7BDJW	PowerPlex® Y 23, GlobalFiler™									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15	22				
	12	13	17	18		24	10	11	2	
FE8GX9	Yfiler™ Plus, GlobalFiler™									
1	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22	38	
	12		17	18		22	24		11	2
FF2WYQ	Yfiler™, PowerPlex® Fusion 5C									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
							24		11	
FF6UGU	PowerPlex® Y 23, PowerPlex® Fusion 6C									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15	22				
	12	13	17	18		24	10	11		
FFGVYM	PowerPlex® Y 23									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15	22				
	12	13	17	18		24	10	11		
FHUZY7	GlobalFiler™									
1	11									
	2									
FKW2Y3	GlobalFiler™									
1	11									
	2									
FLBKQR	GlobalFiler™									
1	11									
	2									
FPW6XG	Investigator® 24plex QS									
1	11									
G4NQBM	GlobalFiler™									
1	11									
	2									

TABLE 3

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

Item 1 - YSTR Results

G9HLCU	PowerPlex® Fusion 6C									
1	11									
	17 18									
GAWHTF	PowerPlex® Fusion									
1	11									
GB7XBZ	Yfiler™, PowerPlex® Fusion 6C									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
			17	18			24		11	
GHARD9	PowerPlex® Y 23, GlobalFiler™ Express									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15		22			
	12	13	17	18			24	10	11	2
GHM9MF	GlobalFiler™ Express									
1	11									
	2									
GJY7WQ	GlobalFiler™									
1	11									
	2									
GMWNUJ	PowerPlex® Fusion 6C									
1	11									
	17 18									
GQ3KT9	GlobalFiler™									
1	11									
	2									
GQZUK6	Yfiler™ Plus, GlobalFiler™									
1	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22		38
		12		17	18		22	24	11	2
GRACQ9	PowerPlex® Y 23									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15		22			
	12	13	17	18			24	10	11	
GRCY8M	Yfiler™									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
							24		11	

TABLE 3

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

Item 1 - YSTR Results

GZ6YCL	PowerPlex® Y 23 System									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15	22				
	12	13	17	18		24	10	11		
H2WTWN	GlobalFiler™									
1	11									
	2									
H3QFBD	PowerPlex® Y 23, PowerPlex® Fusion 5C									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15	22				
	12	13	17	18		24	10	11		
H42694	GlobalFiler™									
1	11									
	2									
H42DQF	Investigator® 24plex QS									
1	11									
	2									
H4YF47	GlobalFiler™									
1	11									
	2									
H6ATTF	GlobalFiler™ Express									
1	11									
	2									
H6U2R7	PowerPlex® Fusion 6C									
1	11									
	17 18									
H7QCQE	Yfiler™ Plus									
1	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22		38
	12			17	18	22	24			11
HKPVB4	Yfiler™, GlobalFiler™									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
	24 11 2									
HMUG6W	Yfiler™, PowerPlex® Fusion 6C									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
	17 18 24 11									

TABLE 3

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

Item 1 - YSTR Results

HRCEYD	Yfiler™ Plus									
1	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22		38
		12		17	18		22	24		11
										2
HZ6UKB	PowerPlex® Fusion 6C									
1							11			
				17	18					
J4XDYE	GlobalFiler™ Express									
1							11			
										2
JBHBR9	PowerPlex® Fusion 6C Direct									
1							11			
				17	18					
JDJG6T	GlobalFiler™									
1							11			
										2
JDQVQP	GlobalFiler™ Express									
1	-	-	-	-	-	-	11	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	2
JFRK3B	Yfiler™, GlobalFiler™									
1		14	11,14	13	29	24	11	13	13	14
	9	13	18		15	15				
								24		11
										2
JGKP94	Yfiler™, GlobalFiler™									
1		14	11,14	13	29	24	11	13	13	14
	9	13	18		15	15				
								24		11
										2
JWV7HQ	PowerPlex® Y 23, PowerPlex® Fusion 6C									
1		14	11,14	13	29	24	11	13	13	14
	9	13	18		15	15		22		
		12	13	17	18			24	10	11
JXAJ99	Yfiler™									
1		14	11,14	13	29	24	11	13	13	14
	9	13	18		15	15				
								24		11
JXWRHD	Yfiler™, GlobalFiler™									
1		14	11,14	13	29	24	11	13	13	14
	9	13	18		15	15				
								24		11
										2

TABLE 3

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

Item 1 - YSTR Results

JYKCZ3	GlobalFiler™									
1	11									
	2									
K3JDBJ	PowerPlex® Y 23									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15	22				
	12	13	17	18		24	10	11		
K8EZBY	PowerPlex® Fusion 6C									
1	11									
	17 18									
K934TR	PowerPlex® Y 23, GlobalFiler™, Investigator® 24plex									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15	22				
	12	13	17	18		24	10	11	2	
K9Q7L2	Yfiler™ Plus									
1	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22	38	
	12		17	18		22	24		11	2
KG3PEE	PowerPlex® Y 23, GlobalFiler™ Express									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15	22				
	12	13	17	18		24	10	11	2	
KLBAWJ	Yfiler™ Plus									
1	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22	38	
	12		17	18		22	24		11	2
KLUMB4	GlobalFiler™									
1	11									
	2									
KRJ8EJ										
1	11									
	2									
KV3UZW	Yfiler™, PowerPlex® Fusion 6C (DYS391, DYS576, DYS570)									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
			17	18			24		11	
L96KEA	GlobalFiler™									
1	11									
	2									

TABLE 3

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

Item 1 - YSTR Results

LACVBD	PowerPlex® Fusion 6C									
1	11									
	17 18									
LB9FWR	GlobalFiler™									
1	11									
	2									
LBPCM7										
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15		22			
	12	13	17	18			24	10	11	
LDU6EJ	PowerPlex® Y 23									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15		22			
	12	13	17	18			24	10	11	
LET4XR	GlobalFiler™									
1	11									
	2									
LFKTRR	GlobalFiler™									
1	11									
	2									
LQLMCX	PowerPlex® Fusion 6C									
1	11									
	17 18									
LRV4H3	PowerPlex® Fusion 6C									
1	11									
	17 18									
LRZJU4										
1	11									
	2									
LULTVA	Yfiler™ Plus									
1	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22		38
	12		17	18			22	24		11 2
M44YZC	GlobalFiler™									
1	11									
	2									

TABLE 3

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

Item 1 - YSTR Results

M7R9CY	Yfiler™ Plus, GlobalFiler™										
1	36	14	11,14	13	29	24	11	13	13	14	
	9	13	18	29	15	15	10	22		38	
		12		17	18		22	24		11	2
M9JAEF	Yfiler™, Investigator® 24plex										
1		14	11,14	13	29	24	11	13	13	14	
	9	13	18		15	15					
								24		11	
M9LWVU	Yfiler™, PowerPlex® Fusion 6C										
1		14	11,14	13	29	24	11	13	13	14	
	9	13	18		15	15					
				17	18			24		11	
MJHZYN	PowerPlex® Fusion 6C										
1							11				
				17	18						
MNCYCX	GlobalFiler™										
1							11				
										2	
MP4VZR	Yfiler™, Investigator® 24plex GO!										
1		14	11,14	13	29	24	11	13	13	14	
	9	13	18		15	15					
								24		11	
MQJ8M4	Yfiler™ Plus, GlobalFiler™										
1	36,36	14	11,14	13	29	24	11	13	13	14	
	9	13	18	29	15	15	10	22		38	
		12		17	18		22	24		11	2
MT3YGZ	Yfiler™, GlobalFiler™										
1	n/t	14	11,14	13	29	24	11	13	13	14	
	9	13	18	n/t	15	15	n/t	n/t	n/t	n/t	
	n/t	n/t	n/t	n/t	n/t	n/t	n/t	24	n/t	11	2
ND6LN3	PowerPlex® Y 23										
1		14	11,14	13	29	24	11	13	13	14	
	9	13	18		15	15		22			
		12	13	17	18			24	10	11	
NJF8Q2	PowerPlex® Y 23										
1		14	11,14	13	29	24	11	13	13	14	
	9	13	18		15	15		22			
		12	13	17	18			24	10	11	
NMYMB8	Yfiler™ Plus										
1	36	14	11,14	13	29	24	11	13	13	14	
	9	13	18	29	15	15	10	22		38	
		12		17	18		22	24		11	2

TABLE 3

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

Item 1 - YSTR Results

NRPY9P	PowerPlex® Y 23, GlobalFiler™									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15	22				
	12	13	17	18		24	10	11	2	
NRQZPG	PowerPlex® Y 23									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15	22				
	12	13	17	18		24	10	11		
NUDQ28	Yfiler™, GlobalFiler™									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
						24		11	2	
NVPYX8	PowerPlex® Fusion									
1						11				
NVTURR	Yfiler™, PowerPlex® Fusion 6C									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
			17	18		24		11		
P78AC7	Yfiler™ Plus									
1	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22	38	
	12		17	18		22	24		11	2
PFDN3T	PowerPlex® Y 23									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15	22				
	12	13	17	18		24	10	11		
PFPAJ	Yfiler™									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
						24		11		
PHHQXG	PowerPlex® Fusion 6C									
1						11				
			17	18						
PKM8FL	Yfiler™ Plus, GlobalFiler™									
1	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22	38	
	12		17	18		22	24		11	2
PUTNXY	PowerPlex® Fusion 6C									
1						11				
			17	18						

TABLE 3

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

Item 1 - YSTR Results

PV6V8Y	Yfiler™, GlobalFiler™									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
								24	11	2
PVL8P6	PowerPlex® Fusion 6C DIRECT									
1						11				
				17	18					
PWD72H	GlobalFiler™									
1						11				
										2
PX7L6L	Yfiler™ Plus, GlobalFiler™									
1	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22	-	38
	-	12	-	17	18	-	22	24	-	11
										2
PY8RXU	PowerPlex® Fusion 6C									
1						11				
				17	18					
Q4WLC7	Investigator® 24plex QS									
1						11				
Q4XNX6	PowerPlex® Fusion 6C Direct									
1						11				
				17	18					
Q7HDFW	Yfiler™, GlobalFiler™									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
								24	11	2
Q98AWH	Yfiler™									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
								24	11	
Q9M8WE	PowerPlex® Y 23									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15		22			
		12	13	17	18		24	10	11	
QER4FE	PowerPlex® Y 23									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15		22			
		12	13	17	18		24	10	11	

TABLE 3

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

Item 1 - YSTR Results

QFLRYA	Yfiler™, PowerPlex® Fusion 6C									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
			17	18			24		11	
QGH3YJ	PowerPlex® Y 23, PowerPlex® Fusion 6C									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15		22			
		12	13	17	18		24	10	11	
QGHVJC	PowerPlex® Y 23									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15		22			
		12	13	17	18		24	10	11	
QGKNY6	Yfiler™, GlobalFiler™									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
							24		11	2
QJ9AGU	GlobalFiler™									
1						11				
										2
QJNL2K	GlobalFiler™									
1						11				
										2
QLT9FB	Yfiler™, GlobalFiler™ Express									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
							24		11	
QU69AL	PowerPlex® Fusion 6C									
1						11				
			17	18						
R7Y7CC	GlobalFiler™									
1						11				
										2
RFKKPA	GlobalFiler™									
1						11				
										2
RLQQAY	PowerPlex® Y 23, PowerPlex® Fusion 6C									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15		22			
		12	13	17	18		24	10	11	

TABLE 3

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

Item 1 - YSTR Results

T62X38	GlobalFiler™									
1	11									
	2									
T62ZRB	Yfiler™, GlobalFiler™									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
							24		11	2
T7QL3D	GlobalFiler™									
1	11									
	2									
TD86FL	GlobalFiler™									
1	11									
	2									
TGA3QE	GlobalFiler™									
1	11									
	2									
TJYA9P	GlobalFiler™									
1	11									
	2									
TL9PVH	PowerPlex® Fusion 6C and 5C									
1	11									
			17	18						
TQZL88	GlobalFiler™									
1	11									
	2									
TXKGCH	PowerPlex® Fusion 6C									
1	11									
			17	18						
TYAKRP	PowerPlex® Y 23, GlobalFiler™ YIndel									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15		22			
	12	13	17	18			24	10	11	2
TZLPE8	GlobalFiler™									
1	11									
			17	18						

TABLE 3

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

Item 1 - YSTR Results

V7P768	Yfiler™, GlobalFiler™, Globalfiler Express									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
							24		11	
V8VQT8	GlobalFiler™ Express									
1						11				
VBZGX2	Investigator® 24plex QS									
1						11				
VEGNJF	PowerPlex® Fusion 6C									
1							11			
			17	18						
VKLK3F	GlobalFiler™									
1						11				
										2
VLXRE4	Yfiler™									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
							24		11	
WWCG3T	Yfiler™ Plus, GlobalFiler™									
1	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22	38	
		12		17	18		22	24	11	2
VZX4VF	GlobalFiler™									
1						11				
										2
VZZT66	PowerPlex® Fusion 6C									
1							11			
			17	18						
W66WK6	PowerPlex® Y 23, GlobalFiler™									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15		22			
		12	13	17	18		24	10	11	2
W96UNP	Yfiler™ Plus									
1	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22	38	
		12		17	18		22	24	11	

TABLE 3

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

Item 1 - YSTR Results

WF947W	PowerPlex® Fusion 6C Direct											
1											11	
											17	18
WGZ3HA	Yfiler™											
1	-	14	11,14	13	29	24	11	13	13	14		
	9	13	18	-	15	15	-	-	-	-		
	-	-	-	-	-	-	-	24	-	11	-	
WM84UK	GlobalFiler™ Express											
1											11	
											2	
WPV7NR	Yfiler™ Plus, GlobalFiler™											
1	36	14	11,14	13	29	24	11	13	13	14		
	9	13	18	29	15	15	10	22		38		
		12		17	18		22	24		11	2	
WQMTUM	Yfiler™											
1		14	11,14	13	29	24	11	13	13	14		
	9	13	18		15	15						
								24		11		
WU3QCN	Yfiler™ Plus, GlobalFiler™											
1	36	14	11,14	13	29	24	11	13	13	14		
	9	13	18	29	15	15	10	22		38		
		12		17	18		22	24		11	2	
WUQWU4												
1											11	
											17	18
WWE77P	Yfiler™ Plus, GlobalFiler™											
1	36	14	11,14	13	29	24	11	13	13	14		
	9	13	18	29	15	15	10	22		38		
		12		17	18		22	24		11	2	
WX6KEZ	GlobalFiler™											
1											11	
											2	
WXAUKE	PowerPlex® Y 23, PowerPlex® Fusion 6C											
1		14	11,14	13	29	24	11	13	13	14		
	9	13	18		15	15		22				
		12	13	17	18			24	10	11		
WYZKJL	Yfiler™ Plus											
1	36,36	14	11,14	13	29	24	11	13	13	14		
	9	13	18	29	15	15	10	22		38		
		12		17	18		22	24		11		

TABLE 3

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

Item 1 - YSTR Results

X7G7W3	GlobalFiler™, Globalfiler Express									
1	11									
X8QZT3	PowerPlex® Fusion 6C									
1	11									
	17 18									
XAERLK	PowerPlex® Fusion 6C									
1	11									
	17 18									
XJ2TZ9	GlobalFiler™									
1	11									
	2									
XJKAKH	PowerPlex® Fusion 5C									
1	11									
XQLQQG	GlobalFiler™									
1	11									
	2									
XR7DA	Yfiler™, PowerPlex® Fusion 5C									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15		24		11	
XW9BZP	Yfiler™ Plus, GlobalFiler™									
1	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22		38
		12		17	18		22	24		11 2
Y47KL8	GlobalFiler™									
1	11									
	2									
Y79JWZ	PowerPlex® Fusion 6C									
1	11									
	17 18									
YBM7MY	PowerPlex® Fusion 6C									
1	11									
	17 18									

TABLE 3

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

Item 1 - YSTR Results

YH9UNV	PowerPlex® Fusion 6C									
1	11									
	17 18									
YLPR8Y	Yfiler™									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
							24		11	
YU2C4	Yfiler™, PowerPlex® Fusion									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
							24		11	
YX4E86	Yfiler™ Plus									
1	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22		38
		12		17	18		22	24		11 2
Z3NWXL	Yfiler™ Plus, GlobalFiler™									
1	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22		38
		12		17	18		22	24		11 2
Z6VC9X	GlobalFiler™									
1	11									
	2									
ZAQ3DN	PowerPlex® Y 23									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15			22		
		12	13	17	18			24	10	11
ZGPC32	GlobalFiler™, PowerPlex® Fusion 6C									
1	11									
	17 18 2									
ZTHY9W	PowerPlex® Fusion 6C									
1	11									
	17 18									
ZWH6PN	Yfiler™, GlobalFiler™									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
							24		11	2
ZWXQYP	PowerPlex® Y 23, PowerPlex® Fusion 6C									
1	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15			22		
		12	13	17	18			24	10	11

TABLE 3

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

Item 2 - YSTR Results

2CUZLV	Yfiler™ Plus, GlobalFiler™										
2	36,39	15	16,17	13	30	22	10	11	13	14	
	11	11	21	35	15	16	11	26		37	
		11		14	16		19	22		10	2
2LGYEL	Yfiler™ Plus, GlobalFiler™										
2	36,39	15	16,17	13	30	22	10	11	13	14	
	11	11	21	35	15	16	11	26		37	
		11		14	16		19	22		10	2
2NMJZ2	PowerPlex® Y, GlobalFiler™										
2		15	16,17	13	30	22	10	11	13	14	
	11	11	21		15	16					
								22		10	2
2QDQHC	GlobalFiler™										
2							10				
											2
2U94W9	Yfiler™ Plus										
2	36,39	15	16,17	13	30	22	10	11	13	14	
	11	11	21	35	15	16	11	26	-	37	
	-	11	-	14	16	-	19	22	-	10	2
2UEPZW	Investigator® 24plex QS										
2							10				
											2
334WV8	Yfiler™ Plus, GlobalFiler™										
2	36,39	15	16,17	13	30	22	10	11	13	14	
	11	11	21	35	15	16	11	26		37	
		11		14	16		19	22		10	2
368U3U	GlobalFiler™ Express										
2							10				
											2
369FZV	GlobalFiler™										
2							10				
											2
38BKBU	Investigator® 24plex QS										
2							10				
											2
3AL6HJ	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

3AWAQ2	GlobalFiler™									
2	10									
2										
3BUMAM	PowerPlex® Y 23									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16	26				
	11	12	14	16	22	12	10			
3F7J4N	GlobalFiler™									
2	10									
2										
3JPK3G	PowerPlex® Fusion 6C									
2	10									
2										
	14 16									
3M4PQX	PowerPlex® Y System									
2	15	16,17	13	30	22	10	11	13	14	
	11	11								
3QPVHM	PowerPlex® Y 23									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16	26				
	11	12	14	16	22	12	10			
3QQWYE	Yfiler™, PowerPlex® Fusion 6C									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16					
	14 16 22 10									
3U78CH	GlobalFiler™									
2	10									
2										
3V2UMZ	PowerPlex® Y 23									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16	26				
	11	12	14	16	22	12	10			
3WA6GJ	PowerPlex® Y 23, PowerPlex® Fusion									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16	26				
	11	12	14	16	22	12	10			
42LAQX	PowerPlex® Y 23, PowerPlex® Fusion 6C									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16	26				
	11	12	14	16	22	12	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 2 - YSTR Results

43FHUV	PowerPlex® Fusion 6C									
2	10									
	14 16									
43HH6A	PowerPlex® Y 23, GlobalFiler™									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16	26				
	11	12	14	16		22	12	10	2	
48BCRW	GlobalFiler™									
2	10									
	2									
4BCQLU	GlobalFiler™ Express									
2	10									
	2									
4BCQNE	Yfiler™, PowerPlex® Fusion 6C									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16					
			14	16		22		10		
4BNK7Z	Yfiler™ Plus									
2	36,39	15	16,17	13	30	22	10	11	13	14
	11	11	21	35	15	16	11	26	37	
		11	14	16		19	22		10	2
4FKLGA	PowerPlex® Y 23, GlobalFiler™									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16	26				
	11	12	14	16		22	12	10	2	
4L8WJY	Yfiler™, GlobalFiler™, GlobalFiler Express									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16					
						22		10		
4NEG3R	Yfiler™ Plus, GlobalFiler™ Express									
2	36,39	15	16,17	13	30	22	10	11	13	14
	11	11	21	35	15	16	11	16	37	
		11	14	16		19	22		10	2
4Q4QB9	Yfiler™									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16					
						22		10	2	
4TURHG	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

4UJ3BV	PowerPlex® Fusion 6C									
2	10									
	14 16									
4WPNYV	PowerPlex® Fusion 6C									
2	10									
	14 16									
62J8UL	GlobalFiler™ Express									
2	10									
	2									
62XERT	PowerPlex® Y 23									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16	26				
	11	12	14	16		22	12	10		
68368T	PowerPlex® Fusion 6C									
2	10									
	14 16									
6DAVCJ	Yfiler™ Plus, GlobalFiler™									
2	36,39	15	16,17	13	30	22	10	11	13	14
	11	11	21	35	15	16	11	26	37	
	11		14	16		19	22	10	2	
6LQ678										
2	10									
	14 16									
6QK2TD	PowerPlex® Fusion 6C-Direct									
2	10									
	14 16									
6QX4N8	PowerPlex® Fusion 5c,6c									
2	10									
	14 16									
6QYX8D	PowerPlex® Y 23									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16	26				
	11	12	14	16		22	12	10		
6RPUGK	PowerPlex® Y 23, PowerPlex® Fusion 6C									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16	26				
	11	12	14	16		22	12	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 2 - YSTR Results

6UFQC7	Yfiler™ Plus, GlobalFiler™										
2	36,39	15	16,17	13	30	22	10	11	13	14	
	11	11	21	35	15	16	11	26	37		
		11		14	16		19	22	10	2	
6WLGE	PowerPlex® Fusion 6C										
2							10				
				14	16						
6XEWGH	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
76RAV8	Yfiler™, PowerPlex® Fusion 5C, Investigator® 24plex										
2		15	16,17	13	30	22	10	11	13	14	
	11	11	21		15	16					
								22		10	
76V6PR	GlobalFiler™ Express										
2							10				
											2
779WH9	PowerPlex® Fusion										
2							10				
79EEJQ	Investigator® 24plex QS										
2							10				
7E28T4	PowerPlex® Fusion 6C										
2							10				
				14	16						
7ENDC4	Yfiler™ Plus, GlobalFiler™										
2	36,39	15	16,17	13	30	22	10	11	13	14	
	11	11	21	35	15	16	11	26	37		
		11		14	16		19	22	10	2	
7HGJMZ	Yfiler™, PowerPlex® Fusion 6C										
2		15	16,17	13	30	22	10	11	13	14	
	11	11	21		15	16					
				14	16			22		10	
7HZHLJ											
2							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 2 - YSTR Results

7UA34Q	PowerPlex® Fusion 6C										
2	10										
	14 16										
7VCN2R	PowerPlex® Fusion 6C, Investigator® 24plex QS										
2	10										
	14 16										
7XFJKU	GlobalFiler™										
2	10										
7XVPZK	PowerPlex® Y 23										
2	15	16,17	13	30	22	10	11	13	14		
	11	11	21	15	16	26					
	11	12	14	16		22	12	10			
7XW6L	GlobalFiler™										
2	10										
	2										
7ZKG6H	Yfiler™, GlobalFiler™										
2	-	15	16,17	13	30	22	10	11	13	14	
	11	11	21	-	15	16	-	-	-	-	
	-	-	-	-	-	-	-	22	-	10	2
87264X	PowerPlex® Fusion 5C										
2	10										
8BYXDF	GlobalFiler™										
2	10										
	2										
8CCZ42	GlobalFiler™										
2	10										
	2										
8D37LC	GlobalFiler™										
2	10										
	2										
8EWGCT	Yfiler™, GlobalFiler™										
2	15	16,17	13	30	22	10	11	13	14		
	11	11	21	15	16						
							22		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

8FRRUU	Yfiler™, GlobalFiler™									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21		15	16				
								22	10	2
8PFNUA	GlobalFiler™									
2						10				
										2
8TZBTN	GlobalFiler™									
2						10				
										2
8WZLNN	GlobalFiler™									
2						10				
										2
8Y2PFB	Yfiler™, PowerPlex® Fusion 6C									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21		15	16				
			14	16			22		10	
8Y2RYN	PowerPlex® Y 23									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21		15	16	26			
	11	12	14	16			22	12	10	
96QEKL	PowerPlex® Fusion 6C Direct									
2						10				
			14	16						
9DXVW8	GlobalFiler™ Express									
2						10				
										2
9MPCLB	Yfiler™									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21		15	16				
							22		10	
9RKFLM	PowerPlex® Y 23, PowerPlex® Fusion 5C									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21		15	16	26			
	11	12	14	16			22	12	10	
9X7WAD	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

A248PQ	Yfiler™, PowerPlex® Fusion									
2	15	16,17	13	30	22	10	11	13	14	
	11	21		15	16					
			14	16			22		10	
A4AUZA	Yfiler™, GlobalFiler™									
2	15	16,17	13	30	22	10	11	13	14	
	11	21		15	16					
							22		10	2
A4THKQ	PowerPlex® Fusion 6C									
2						10				
			14	16						
A6JU4W	GlobalFiler™									
2						10				
										2
A7W74L	GlobalFiler™									
2						10				
										2
AMKNTG	PowerPlex® Y 23, PowerPlex® Fusion 6C									
2	15	16,17	13	30	22	10	11	13	14	
	11	21		15	16		26			
	11	12	14	16			22	12	10	
AU3Z4W	PowerPlex® Y 23									
2	15	16,17	13	30	22	10	11	13	14	
	11	21		15	16		26			
	11	12	14	16			22	12	10	
AU7FJH	PowerPlex® Fusion 6C Direct									
2						10				
			14	16						
B9X2DV	Yfiler™, PowerPlex® Fusion 5C									
2	15	16,17	13	30	22	10	11	13	14	
	11	21		15	16					
							22		10	
BHLKKU	PowerPlex® Fusion 5C									
2						10				
BHRRUH	Yfiler™									
2	15	16,17	13	30	22	10	11	13	14	
	11	21		15	16					
							22		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 2 - YSTR Results

BKVRNM	GlobalFiler™ Express									
2	10									
[Redacted]										
2										
BL7G3T	PowerPlex® Y 23									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16	26				
	11	12	14	16	22	12	10			
BMFQVQ	PowerPlex® Y 23									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16	26				
	11	12	14	16	22	12	10			
BT6WYR	Yfiler™ Plus									
2	36,39	15	16,17	13	30	22	10	11	13	14
	11	11	21	35	15	16	11	26	37	
	11	14	16	19	22	10	2			
BTNBDG	GlobalFiler™									
2	10									
[Redacted]										
2										
BUXMQ8	PowerPlex® Y 23									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16	26				
	11	12	14	16	22	12	10			
C3B4AL	GlobalFiler™ Express									
2	10									
[Redacted]										
2										
C3M6PT	PowerPlex® Y 23									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16	26				
	11	12	14	16	22	12	10			
CARYR2	Yfiler™									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16					
							22	10		
CB2UQM	PowerPlex® Fusion 6C									
2	10									
[Redacted]										
2										
CHJH7A	Yfiler™ Plus, GlobalFiler™									
2	36,39	15	16,17	13	30	22	10	11	13	14
	11	11	21	35	15	16	11	26	37	
	11	14	16	19	22	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

CKPM44	Yfiler™									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21		15	16				
								22	10	2
CVP9B3	Yfiler™, PowerPlex® Fusion 6C									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21		15	16				
			14	16				22	10	
CXQJXQ	PowerPlex® Y 23									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21		15	16		26		
		11	12	14	16			22	12	10
D7KEQ2	PowerPlex® Fusion 5C									
2							10			
D8FLJY	Yfiler™									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21		15	16				
								22	10	2
DD2GK3	GlobalFiler™									
2							10			
DF8YKJ	GlobalFiler™ Express									
2							10			
DHJRLD	Yfiler™ Plus, GlobalFiler™									
2	36,39	15	16,17	13	30	22	10	11	13	14
	11	11	21	35	15	16	11	26		37
		11		14	16		19	22		10
										2
DKMAXM	Yfiler™, PowerPlex® Fusion 6C									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21		15	16				
			14	16				22	10	
DLJNLF	PowerPlex® Fusion 6C Direct									
2							10			
DMUPAZ	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

DXERXL 2	PowerPlex® Y 23									
	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16	26	22	12	10	
	11	12	14	16						
DY7PRT 2	PowerPlex® Y 23, GlobalFiler™									
	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16	26	22	12	10	2
	11	12	14	16						
E4UZQB 2	PowerPlex® Y 23, PowerPlex® Fusion 5C DYS391 only									
	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16	26	22	12	10	
	11	12	14	16						
E9982B 2	Yfiler™ Plus									
	36,39	15	16,17	13	30	22	10	11	13	14
	11	11	21	35	15	16	11	26	37	
	11		14	16		19	22		10	
EAX9QC 2	PowerPlex® Y 23, PowerPlex® Fusion 5C									
	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16	26	22	12	10	
	11	12	14	16						
EETVN7 2	Yfiler™ Plus, GlobalFiler™									
	36,39	15	16,17	13	30	22	10	11	13	14
	11	11	21	35	15	16	11	26	37	
	11		14	16		19	22		10	2
EM8B62 2	GlobalFiler™ Express									
							10			
										2
ER3F7E 2	Yfiler™ Plus									
	36,39	15	16,17	13	30	22	10	11	13	14
	11	11	21	35	15	16	11	26	37	
	11		14	16		19	22		10	2
ERECD4 2	GlobalFiler™									
							10			
										2
EVF96J 2	GlobalFiler™									
							10			
										2
EZEYKQ 2	Yfiler™ Plus, GlobalFiler™									
	36,39	15	16,17	13	30	22	10	11	13	14
	11	11	21	35	15	16	11	26	37	
	11		14	16		19	22		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

F3FVRD	PowerPlex® Fusion 6C Direct									
2	10									
	14 16									
F7BDJW	PowerPlex® Y 23, GlobalFiler™									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16	26				
	11	12	14	16		22	12	10	2	
FE8GX9	Yfiler™ Plus, GlobalFiler™									
2	36,39	15	16,17	13	30	22	10	11	13	14
	11	11	21	35	15	16	11	26	37	
	11		14	16		19	22		10	2
FF2WYQ	Yfiler™, PowerPlex® Fusion 5C									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16					
							22		10	
FF6UGU	PowerPlex® Y 23, PowerPlex® Fusion 6C									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16	26				
	11	12	14	16		22	12	10		
FFGVYM	PowerPlex® Y 23									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16	26				
	11	12	14	16		22	12	10		
FHUZY7	GlobalFiler™									
2	10									
	2									
FKW2Y3	GlobalFiler™									
2	10									
	2									
FLBKQR	GlobalFiler™									
2	10									
	2									
FPW6XG	Investigator® 24plex QS									
2	10									
G4NQBM	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

G9HLCU	PowerPlex® Fusion 6C									
2	10									
	14 16									
GAWHTF	PowerPlex® Fusion 6C									
2	10									
GB7XBZ	Yfiler™, PowerPlex® Fusion 6C									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16					
			14	16			22		10	
GHARD9	PowerPlex® Y 23									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16		26			
	11	12	14	16			22	12	10	
GHM9MF	GlobalFiler™ Express									
2	10									
	2									
GJY7WQ	GlobalFiler™									
2	10									
	2									
GMWNUJ	PowerPlex® Fusion 6C									
2	10									
	14 16									
GQ3KT9	GlobalFiler™									
2	10									
	2									
GQZUK6	Yfiler™ Plus, GlobalFiler™									
2	36,39	15	16,17	13	30	22	10	11	13	14
	11	11	21	35	15	16	11	26		37
		11		14	16		19	22	10	2
GRACQ9	PowerPlex® Y 23									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16		26			
	11	12	14	16			22	12	10	
GRCY8M	Yfiler™									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16					
							22		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 2 - YSTR Results

GZ6YCL	PowerPlex® Y 23 System									
2		15	16,17	13	30	22	10	11	13	14
	11	11	21		15	16		26		
		11	12	14	16			22	12	10
H2WTWN	GlobalFiler™									
2							10			
										2
H3QFBD	PowerPlex® Y 23, PowerPlex® Fusion 5C									
2		15	16,17	13	30	22	10	11	13	14
	11	11	21		15	16		26		
		11	12	14	16			22	12	10
H42694	GlobalFiler™									
2							10			
										2
H42DQF	Investigator® 24plex QS									
2							10			
										2
H4YF47	GlobalFiler™									
2							10			
										2
H6ATTF	GlobalFiler™ Express									
2							10			
										2
H6U2R7	PowerPlex® Fusion 6C									
2							10			
										2
H7QCQE	Yfiler™ Plus									
2	36,39	15	16,17	13	30	22	10	11	13	14
	11	11	21	35	15	16	11	26		37
		11		14	16		19	22		10
HKPVB4	Yfiler™, GlobalFiler™									
2		15	16,17	13	30	22	10	11	13	14
	11	11	21		15	16				
								22		10 2
HMUG6W	Yfiler™, PowerPlex® Fusion 6C									
2		15	16,17	13	30	22	10	11	13	14
	11	11	21		15	16				
				14	16			22		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 2 - YSTR Results

HRCEYD	Yfiler™ Plus									
2	36,39	15	16,17	13	30	22	10	11	13	14
	11	11	21	35	15	16	11	26		37
		11		14	16		19	22		10
										2
HZ6UKB	PowerPlex® Fusion 6C									
2							10			
				14	16					
J4XDYE	GlobalFiler™ Express									
2							10			
										2
JBHBR9	PowerPlex® Fusion 6C Direct									
2							10			
				14	16					
JDJG6T	GlobalFiler™									
2							10			
										2
JDQVQP	GlobalFiler™ Express									
2	-	-	-	-	-	-	10	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	2
JFRK3B	Yfiler™, GlobalFiler™									
2		15	16,17	13	30	22	10	11	13	14
	11	11	21		15	16				
								22		10
										2
JGKP94	Yfiler™, GlobalFiler™									
2		15	16,17	13	30	22	10	11	13	14
	11	11	21		15	16				
								22		10
										2
JWV7HQ	PowerPlex® Y 23, PowerPlex® Fusion 6C									
2		15	16,17	13	30	22	10	11	13	14
	11	11	21		15	16		26		
		11	12	14	16			22	12	10
JXAJ99	Yfiler™									
2		15	16,17	13	30	22	10	11	13	14
	11	11	21		15	16				
								22		10
JXWRHD	Yfiler™, GlobalFiler™									
2		15	16,17	13	30	22	10	11	13	14
	11	11	21		15	16				
								22		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

JYKCZ3	GlobalFiler™									
2										10
2										
K3JDBJ	PowerPlex® Y 23									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16	26				
	11	12	14	16	22	12	10			
K8EZBY	PowerPlex® Fusion 6C									
2										10
2										
K934TR	PowerPlex® Y 23, GlobalFiler™, Investigator® 24plex									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16	26				
	11	12	14	16	22	12	10	2		
K9Q7L2	Yfiler™ Plus									
2	36,39	15	16,17	13	30	22	10	11	13	14
	11	11	21	35	15	16	11	26	37	
	11	14	16	19	22	10	2			
KG3PEE	PowerPlex® Y 23									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16	26				
	11	12	14	16	22	12	10			
KLBAWJ	Yfiler™ Plus									
2	36,39	15	16,17	13	30	22	10	11	13	14
	11	11	21	35	15	16	11	26	37	
	11	14	16	19	22	10	2			
KLUMB4	GlobalFiler™									
2										10
2										
KRJ8EJ	GlobalFiler™									
2										10
2										
KV3UZW	Yfiler™, PowerPlex® Fusion 6C (DYS391, 576, 570)									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16					
				14	16	22	10			
L96KEA	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

LACVBD	PowerPlex® Fusion 6C									
2	10									
	14 16									
LB9FWR	GlobalFiler™									
2	10									
	2									
LBPCM7										
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16	26				
	11	12	14	16		22	12	10		
LDU6EJ	PowerPlex® Y 23									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16	26				
	11	12	14	16		22	12	10		
LET4XR	GlobalFiler™									
2	10									
	2									
LFKTRR	GlobalFiler™									
2	10									
	2									
LQLMCX	PowerPlex® Fusion 6C									
2	10									
	14 16									
LRV4H3	PowerPlex® Fusion 6C									
2	10									
	14 16									
LRZJU4										
2	10									
	2									
LULTVA	Yfiler™ Plus									
2	36,39	15	16,17	13	30	22	10	11	13	14
	11	11	21	35	15	16	11	26		37
		11		14	16		19	22		10 2
M44YZC	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

M7R9CY	Yfiler™ Plus, GlobalFiler™										
2	36,39	15	16,17	13	30	22	10	11	13	14	
	11	11	21	35	15	16	11	26	37		
		11		14	16		19	22	10	2	
M9JAEF	Yfiler™, Investigator® 24plex										
2		15	16,17	13	30	22	10	11	13	14	
	11	11	21		15	16					
								22	10		
M9LWVU	Yfiler™, PowerPlex® Fusion 6C										
2		15	16,17	13	30	22	10	11	13	14	
	11	11	21		15	16					
				14	16			22	10		
MJHZYN	PowerPlex® Fusion 6C										
2							10				
				14	16						
MNCYCX	GlobalFiler™										
2							10				
										2	
MP4VZR	Yfiler™, Investigator® 24plex GO!										
2		15	16,17	13	30	22	10	11	13	14	
	11	11	21		15	16					
								22	10		
MQJ8M4	Yfiler™ Plus, GlobalFiler™										
2	36,39	15	16,17	13	30	22	10	11	13	14	
	11	11	21	35	15	16	11	26	37		
		11		14	16		19	22	10	2	
MT3YGZ	Yfiler™, GlobalFiler™										
2	n/t	15	16,17	13	30	22	10	11	13	14	
	11	11	21	n/t	15	16	n/t	n/t	n/t	n/t	
	n/t	n/t	n/t	n/t	n/t	n/t	n/t	22	n/t	10	2
ND6LN3	PowerPlex® Y 23										
2		15	16,17	13	30	22	10	11	13	14	
	11	11	21		15	16		26			
		11	12	14	16			22	12	10	
NJF8Q2	PowerPlex® Y 23										
2		15	16,17	13	30	22	10	11	13	14	
	11	11	21		15	16		26			
		11	12	14	16			22	12	10	
NMYMB8	Yfiler™ Plus										
2	36,39	15	16,17	13	30	22	10	11	13	14	
	11	11	21	35	15	16	11	26	37		
		11		14	16		19	22	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

NRPY9P	PowerPlex® Y 23, GlobalFiler™									
2	15	16,17	13	30	22	10	11	13	14	
	11	21		15	16		26			
	11	12	14	16			22	12	10	2
NRQZPG	PowerPlex® Y 23									
2	15	16,17	13	30	22	10	11	13	14	
	11	21		15	16		26			
	11	12	14	16			22	12	10	
NUDQ28	Yfiler™, GlobalFiler™									
2	15	16,17	13	30	22	10	11	13	14	
	11	21		15	16					
							22		10	2
NVPYX8	PowerPlex® Fusion									
2						10				
NVTURR	Yfiler™, PowerPlex® Fusion 6C									
2	15	16,17	13	30	22	10	11	13	14	
	11	21		15	16					
			14	16			22		10	
P78AC7	Yfiler™ Plus									
2	36,39	15	16,17	13	30	22	10	11	13	14
	11	11	21	35	15	16	11	26		37
	11		14	16		19	22		10	2
PFDN3T	PowerPlex® Y 23									
2	15	16,17	13	30	22	10	11	13	14	
	11	21		15	16		26			
	11	12	14	16			22	12	10	
PFPKJ	Yfiler™									
2	15	16,17	13	30	22	10	11	13	14	
	11	21		15	16					
							22		10	
PHHQXG	PowerPlex® Fusion 6C									
2						10				
			14	16						
PKM8FL	Yfiler™ Plus, GlobalFiler™									
2	36,39	15	16,17	13	30	22	10	11	13	14
	11	11	21	35	15	16	11	26		37
	11		14	16		19	22		10	2
PUTNXY	PowerPlex® Fusion 6C									
2						10				
			14	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

PV6V8Y	Yfiler™, GlobalFiler™									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21		15	16				
								22	10	2
PVL8P6	PowerPlex® Fusion 6C DIRECT									
2							10			
			14	16						
PWD72H	GlobalFiler™									
2							10			
										2
PX7L6L	Yfiler™ Plus, GlobalFiler™									
2	36,39	15	16,17	13	30	22	10	11	13	14
	11	11	21	35	15	16	11	26	-	37
	-	11	-	14	16	-	19	22	-	10
										2
PY8RXU	Yfiler™, PowerPlex® Fusion 6C									
2							10			
			14	16						
Q4WLC7	Investigator® 24plex QS									
2							10			
Q4XNX6	PowerPlex® Fusion 6C Direct									
2							10			
			14	16						
Q7HDFW	Yfiler™, GlobalFiler™									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21		15	16				
								22	10	2
Q98AWH	Yfiler™									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21		15	16				
								22	10	
Q9M8WE	PowerPlex® Y 23									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21		15	16		26		
	11	12	14	16			22	12	10	
QER4FE	PowerPlex® Y 23									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21		15	16		26		
	11	12	14	16			22	12	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 2 - YSTR Results

QFLRYA	Yfiler™, PowerPlex® Fusion 6C									
2		15	16,17	13	30	22	10	11	13	14
	11	11	21		15	16				
				14	16			22		10
QGH3YJ	PowerPlex® Y 23, PowerPlex® Fusion 6C									
2		15	16,17	13	30	22	10	11	13	14
	11	11	21		15	16		26		
		11	12	14	16			22	12	10
QGHVJC	PowerPlex® Y 23									
2		15	16,17	13	30	22	10	11	13	14
	11	11	21		15	16		26		
		11	12	14	16			22	12	10
QGKNY6	Yfiler™, GlobalFiler™									
2		15	16,17	13	30	22	10	11	13	14
	11	11	21		15	16				
								22	10	2
QJ9AGU	GlobalFiler™									
2							10			
										2
QJNL2K	GlobalFiler™									
2							10			
										2
QLT9FB	Yfiler™, GlobalFiler™ Express									
2		15	16,17	13	30	22	10	11	13	14
	11	11	21		15	16				
								22	10	
QU69AL	PowerPlex® Fusion 6C									
2							10			
				14	16					
R7Y7CC	GlobalFiler™									
2							10			
										2
RFKKPA	GlobalFiler™									
2							10			
										2
RLQQAY	PowerPlex® Y 23, PowerPlex® Fusion 6C									
2		15	16,17	13	30	22	10	11	13	14
	11	11	21		15	16		26		
		11	12	14	16			22	12	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 2 - YSTR Results

T62X38	GlobalFiler™									
2	10									
	2									
T62ZRB	Yfiler™, GlobalFiler™									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21		15	16				
								22	10	2
T7QL3D	GlobalFiler™									
2	10									
	2									
TD86FL	GlobalFiler™									
2	10									
	2									
TGA3QE	GlobalFiler™									
2	10									
	2									
TJYA9P	GlobalFiler™									
2	10									
	2									
TL9PVH	PowerPlex® Fusion 6C and 5C									
2	10									
			14	16						
TQZL88	GlobalFiler™									
2	10									
	2									
TXKGCH	PowerPlex® Fusion 6C									
2	10									
			14	16						
TYAKRP	PowerPlex® Y 23, GlobalFiler™ YIndel									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21		15	16		26		
	11	12	14	16			22	12	10	2
TZLPE8										
2	10									
			14	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

V7P768	Yfiler™, GlobalFiler™, Globalfiler Express									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16					
							22		10	
V8VQT8	GlobalFiler™ Express									
2						10				
VBZGX2	Investigator® 24plex QS									
2						10				
VEGNJF	PowerPlex® Fusion 6C									
2							10			
			14	16						
VKLK3F	GlobalFiler™									
2						10				
										2
VLXRE4	Yfiler™									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16					
							22		10	
VWCG3T	Yfiler™ Plus, GlobalFiler™									
2	36,39	15	16,17	13	30	22	10	11	13	14
	11	11	21	35	15	16	11	26	37	
		11		14	16		19	22	10	2
VZX4VF	GlobalFiler™									
2						10				
										2
VZZT66	PowerPlex® Fusion 6C									
2						10				
			14	16						
W66WK6	PowerPlex® Y 23, GlobalFiler™									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16		26			
		11	12	14	16		22	12	10	2
W96UNP	Yfiler™ Plus									
2	36,39	15	16,17	13	30	12	10	11	13	14
	11	11	21	35	15	16	11	26	37	
		11		14	16		19	22	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 2 - YSTR Results

WF947W	PowerPlex® Fusion 6C Direct																				
2											10										
											14	16									
WGZ3HA	Yfiler™																				
2	-	15	16,17	13	30	22	10	11	13	14											
											11	11	21	-	15	16	-	-	-	-	
											-	-	-	-	-	-	-	22	-	10	-
WM84UK	GlobalFiler™ Express																				
2											10										
WPV7NR	Yfiler™ Plus, GlobalFiler™																				
2	36,39	15	16,17	13	30	22	10	11	13	14											
											11	11	21	35	15	16	11	26	37		
												11		14	16		19	22		10	2
WQMTUM	Yfiler™																				
2		15	16,17	13	30	22	10	11	13	14											
											11	11	21		15	16					
																		22		10	
WU3QCN	Yfiler™ Plus, GlobalFiler™																				
2	36,39	15	16,17	13	30	22	10	11	13	14											
											11	11	21	35	15	16	11	26	37		
												11		14	16		19	22		10	2
WUQWU4																					
2											10										
											14	16									
WWE77P	Yfiler™ Plus, GlobalFiler™																				
2	36,39	15	16,17	13	30	22	10	11	13	14											
											11	11	21	35	15	16	11	26	37		
												11		14	16		19	22		10	2
WX6KEZ	GlobalFiler™																				
2											10										
WXAUKE	PowerPlex® Y 23, PowerPlex® Fusion 6C																				
2		15	16,17	13	30	22	10	11	13	14											
											11	11	21		15	16		26			
												11	12	14	16			22	12	10	
WYZKJL	Yfiler™ Plus																				
2	36,39	15	16,17	13	30	22	10	11	13	14											
											11	11	21	35	15	16	11	26	37		
												11		14	16		19	22		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 2 - YSTR Results

X7G7W3	GlobalFiler™, Globalfiler Express									
2	10									
X8QZT3	PowerPlex® Fusion 6C									
2	10									
	14 16									
XAERLK	PowerPlex® Fusion 6C									
2	10									
	14 16									
XJ2TZ9	GlobalFiler™									
2	10									
	2									
XJKAKH	PowerPlex® Fusion 5C									
2	10									
XQLQQG	GlobalFiler™									
2	10									
	2									
XR7DA	Yfiler™, PowerPlex® Fusion 5C									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16		22		10	
XW9BZP	Yfiler™ Plus, GlobalFiler™									
2	36,39	15	16,17	13	30	22	10	11	13	14
	11	11	21	35	15	16	11	26		37
		11		14	16		19	22		10 2
Y47KL8	GlobalFiler™									
2	10									
	2									
Y79JWZ	PowerPlex® Fusion 6C									
2	10									
	14 16									
YBM7MY	PowerPlex® Fusion 6C									
2	10									
	14 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

YH9UNV	PowerPlex® Fusion 6C									
2	10									
	14 16									
YLPR8Y	Yfiler™									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16					
	22								10	
YU2C4	Yfiler™, PowerPlex® Fusion									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16					
	22								10	
YX4E86	Yfiler™ Plus									
2	36,39	15	16,17	13	30	22	10	11	13	14
	11	11	21	35	15	16	11	26		37
		11		14	16		19	22		10 2
Z3NWXL	Yfiler™ Plus, GlobalFiler™									
2	36,39	15	16,17	13	30	22	10	11	13	14
	11	11	21	35	15	16	11	26		37
		11		14	16		19	22		10 2
Z6VC9X	GlobalFiler™									
2	10									
	2									
ZAQ3DN	PowerPlex® Y 23									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16			26		
	11	12	14	16				22	12	10
ZGPC32	GlobalFiler™, PowerPlex® Fusion 6C									
2	10									
	14 16 2									
ZTHY9W	PowerPlex® Fusion 6C									
2	10									
	14 16									
ZWH6PN	Yfiler™, GlobalFiler™									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16					
	22								10 2	
ZWXQYP	PowerPlex® Y 23, PowerPlex® Fusion 6C									
2	15	16,17	13	30	22	10	11	13	14	
	11	11	21	15	16			26		
	11	12	14	16				22	12	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 3 - YSTR Results

2CUZLV	Yfiler™ Plus, GlobalFiler™									
3	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22		38
		12		17	18		22	24		11
										2
2LGYEL	Yfiler™ Plus, GlobalFiler™									
3	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22		38
		12		17	18		22	24		11
										2
2NMJZ2	PowerPlex® Y, GlobalFiler™									
3		14	11,14	13	29	24	11	13	13	14
	9	13	18		15	15				
								24		11
										2
2QDQHC	GlobalFiler™									
3							11			
										2
2U94W9	Yfiler™ Plus									
3	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22	-	38
	-	12	-	17	18	-	22	24	-	11
										2
2UEPZW	Investigator® 24plex QS									
3							11			
										2
334WV8	Yfiler™ Plus, GlobalFiler™									
3	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22		38
		12		17	18		22	24		11
										2
368U3U	GlobalFiler™									
3							11			
										2
369FZV	GlobalFiler™									
3							11			
										2
38BKBU	Investigator® 24plex QS									
3							11			
										2
3AL6HJ	GlobalFiler™									
3							11			
										2

TABLE 3

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

Item 3 - YSTR Results

3AWAQ2	GlobalFiler™									
3	11									
2										
3BUMAM	PowerPlex® Y 23									
3	14	11,14	13	29	24	11	13	13	14	
9	13	18		15	15		22			
	12	13	17	18			24	10	11	
3JPK3G	PowerPlex® Fusion 6C									
3	11									
17 18										
3M4PQX	PowerPlex® Y System									
3	14	11,14	13	29	24	11	13	13	14	
9	13									
3QPVHM	PowerPlex® Y 23									
3	14	11,14	13	29	24	11	13	13	14	
9	13	18		15	15		22			
	12	13	17	18			24	10	11	
3QQWYE	Yfiler™, PowerPlex® Fusion 6C									
3	14	11,14	13	29	24	11	13	13	14	
9	13	18		15	15					
			17	18			24		11	
3U78CH	GlobalFiler™									
3	11									
2										
3V2UMZ	PowerPlex® Y 23									
3	14	11,14	13	29	24	11	13	13	14	
9	13	18		15	15		22			
	12	13	17	18			24	10	11	
3WA6GJ	PowerPlex® Y 23, PowerPlex® Fusion									
3	14	11,14	13	29	24	11	13	13	14	
9	13	18		15	15		22			
	12	13	17	18			24	10	11	
42LAQX	PowerPlex® Y 23, PowerPlex® Fusion 6C									
3	14	11,14	13	29	24	11	13	13	14	
9	13	18		15	15		22			
	12	13	17	18			24	10	11	
43FHUV	PowerPlex® Fusion 6C									
3	11									
17 18										

TABLE 3

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

Item 3 - YSTR Results

43HH6A	PowerPlex® Y 23, GlobalFiler™									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15		22			
	12	13	17	18			24	10	11	2
48BCRW	GlobalFiler™									
3						11				
										2
4BCQLU	GlobalFiler™									
3						11				
										2
4BCQNE	Yfiler™, PowerPlex® Fusion 6C									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
			17	18			24		11	
4BNK7Z	Yfiler™ Plus									
3	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22	38	
	12		17	18			22	24	11	2
4FKLGA	PowerPlex® Y 23, GlobalFiler™									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15		22			
	12	13	17	18			24	10	11	2
4NEG3R	Yfiler™ Plus, GlobalFiler™									
3	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22	38	
	12		17	18			22	24	11	2
4Q4QB9	Yfiler™									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
							24		11	2
4TURHG	GlobalFiler™									
3						11				
										2
4UJ3BV	PowerPlex® Fusion 6C									
3						11				
				17	18					
4WPNYV	PowerPlex® Fusion 6C									
3						11				
				17	18					

TABLE 3

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

Item 3 - YSTR Results

62J8UL	GlobalFiler™										
3							11				
2											
62XERT	PowerPlex® Y 23										
3	14	11,14	13	29	24	11	13	13	14		
9 13 18 15 15 22											
	12	13	17	18			24	10	11		
68368T	PowerPlex® Fusion 6C										
3							11				
17 18											
6DAVCJ	Yfiler™ Plus, GlobalFiler™										
3	36	14	11,14	13	29	24	11	13	13	14	
9 13 18 29 15 15 10 22 38											
	12		17	18			22	24	11	2	
6LQ678											
3							11				
17 18											
6QX4N8	PowerPlex® Fusion 5c,6c										
3							11				
17 18											
6QYX8D	PowerPlex® Y 23										
3	14	11,14	13	29	24	11	13	13	14		
9 13 18 15 15 22											
	12	13	17	18			24	10	11		
6RPUGK	PowerPlex® Y 23, PowerPlex® Fusion 6C										
3	14	11,14	13	29	24	11	13	13	14		
9 13 18 15 15 22											
	12	13	17	18			24	10	11		
6UFQC7	Yfiler™ Plus, GlobalFiler™										
3	36	14	11,14	13	29	24	11	13	13	14	
9 13 18 29 15 15 10 22 38											
	12		17	18			22	24	11	2	
6WLGEE	PowerPlex® Fusion 6C										
3							11				
17 18											
6XEWGH	GlobalFiler™										
3	NT	NT	NT	NT	NT	NT	11	NT	NT	NT	
NT NT NT NT NT NT NT NT NT NT NT											
	NT	NT	NT	NT	NT	NT	NT	NT	NT	2	

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389_I	DYS389_II	DYS390	DYS391	DYS392	DYS393	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

76RAV8	Yfiler™, PowerPlex® Fusion 5C, Investigator® 24plex									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
							24		11	
76V6PR	GlobalFiler™									
3						11				
										2
779WH9	PowerPlex® Fusion									
3						11				
79EEJQ	Investigator® 24plex QS									
3						11				
7E28T4	PowerPlex® Fusion 6C									
3							11			
			17	18						
7ENDC4	Yfiler™ Plus, GlobalFiler™									
3	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22		38
		12		17	18		22	24		11
										2
7HGJMZ	Yfiler™, PowerPlex® Fusion 6C									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
			17	18			24		11	
7HZHLJ										
3						11				
7UA34Q	PowerPlex® Fusion 6C									
3							11			
			17	18						
7VCN2R	Investigator® 24plex QS									
3						11				
7XVPZK	PowerPlex® Y 23									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15		22			
		12	13	17	18		24	10	11	

TABLE 3

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

Item 3 - YSTR Results

7ZKG6H	Yfiler™, GlobalFiler™										
3	-	14	11,14	13	29	24	11	13	13	14	
	9	13	18	-	15	15	-	-	-	-	
	-	-	-	-	-	-	-	24	-	11	2
87264X	PowerPlex® Fusion 5C										
3	11										
8BYXDF	GlobalFiler™										
3	11										
	2										
8CCZ42	GlobalFiler™										
3	11										
	2										
8D37LC	GlobalFiler™										
3	11										
	2										
8EWGCT	Yfiler™, GlobalFiler™										
3	14	11,14	13	29	24	11	13	13	14		
	9	13	18		15	15					
								24		11	2
8FRRUU	Yfiler™, GlobalFiler™										
3	14	11,14	13	29	24	11	13	13	14		
	9	13	18		15	15					
								24		11	2
8PFNUA	GlobalFiler™										
3	11										
	2										
8TZBTN	GlobalFiler™										
3	11										
	2										
8WZLNN	GlobalFiler™										
3	11										
	2										
8Y2PFB	Yfiler™, PowerPlex® Fusion 6C										
3	14	11,14	13	29	24	11	13	13	14		
	9	13	18		15	15					
			17	18				24		11	

TABLE 3

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

Item 3 - YSTR Results

8Y2RYN	PowerPlex® Y 23									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15		22			
	12	13	17	18			24	10	11	
96QEKL	PowerPlex® Fusion 6C									
3						11				
			17	18						
9DXVW8	GlobalFiler™									
3						11				
										2
9MPCLB	Yfiler™									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
							24		11	
9RKFLM	PowerPlex® Y 23, PowerPlex® Fusion 5C									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15		22			
	12	13	17	18			24	10	11	
9X7WAD	GlobalFiler™									
3						11				
										2
A248PQ	Yfiler™, PowerPlex® Fusion									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
			17	18			24		11	
A4AUZA	Yfiler™, GlobalFiler™									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
							24		11	2
A4THKQ	PowerPlex® Fusion 6C									
3						11				
			17	18						
A6JU4W	GlobalFiler™									
3						11				
										2
A7W74L	GlobalFiler™									
3						11				
										2

TABLE 3

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

Item 3 - YSTR Results

AMKNTG	PowerPlex® Y 23, PowerPlex® Fusion 6C									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15	22				
	12	13	17	18		24	10	11		
AU3Z4W	PowerPlex® Y 23									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15	22				
	12	13	17	18		24	10	11		
AU7FJH	PowerPlex® Fusion 6C									
3						11				
			17	18						
B9X2DV	Yfiler™, PowerPlex® Fusion 5C									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
							24		11	
BHLKKU	PowerPlex® Fusion 5C									
3						11				
BHRRUH	Yfiler™									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
							24		11	
BKVRNM	GlobalFiler™									
3						11				
										2
BL7G3T	PowerPlex® Y 23									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15	22				
	12	13	17	18		24	10	11		
BMFQVQ	PowerPlex® Y 23									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15	22				
	12	13	17	18		24	10	11		
BT6WYR	Yfiler™ Plus									
3	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22		38
	12		17	18		22	24		11	2
BTNBDC	GlobalFiler™									
3						11				
										2

TABLE 3

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

Item 3 - YSTR Results

BUXMQ8	PowerPlex® Y 23									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15	22				
	12	13	17	18		24	10	11		
C3B4AL	GlobalFiler™									
3	11									
	2									
C3M6PT	PowerPlex® Y 23									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15	22				
	12	13	17	18		24	10	11		
CARYR2	Yfiler™									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
						24		11		
CB2UQM	PowerPlex® Fusion 6C									
3	11									
	17 18									
CHJH7A	Yfiler™ Plus, GlobalFiler™									
3	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22		38
	12		17	18		22	24		11	2
CKPM44	Yfiler™									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
						24		11	2	
CN7ACH	Yfiler™									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
						24		11		
CVP9B3	Yfiler™, PowerPlex® Fusion 6C									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
			17	18		24		11		
CXQJXQ	PowerPlex® Y 23									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15	22				
	12	13	17	18		24	10	11		
D7KEQ2	PowerPlex® Fusion 5C									
3	11									

TABLE 3

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

Item 3 - YSTR Results

D8FLJY	Yfiler™									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
								24	11	2
DD2GK3	GlobalFiler™									
3						11				
										2
DF8YKJ	GlobalFiler™									
3						11				
										2
DHJRLD	Yfiler™ Plus									
3	36,36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22		38
		12		17	18		22	24		11
DKMAXM	Yfiler™, PowerPlex® Fusion 6C									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
			17	18			24		11	
DLJNLF	PowerPlex® Fusion 6C									
3						11				
			17	18						
DMUPAZ										
3						11				
										2
DXERXL	PowerPlex® Y 23									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15		22			
		12	13	17	18		24	10	11	
DY7PRT	PowerPlex® Y 23, PowerPlex® Fusion 6C									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15		22			
		12	13	17	18		24	10	11	
E4UZQB	PowerPlex® Y 23, PowerPlex® Fusion 5C DYS391 only									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15		22			
		12	13	17	18		24	10	11	
E9982B	Yfiler™ Plus									
3	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22		38
		12		17	18		22	24		11

TABLE 3

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

Item 3 - YSTR Results

EAX9QC	PowerPlex® Y 23, PowerPlex® Fusion 5C									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15	22				
	12	13	17	18		24	10	11		
EETVN7	Yfiler™ Plus, GlobalFiler™									
3	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22	38	
	12		17	18		22	24	11	2	
EM8B62	GlobalFiler™									
3						11				
										2
ER3F7E	Yfiler™ Plus									
3	36,36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22	38	
	12		17	18		22	24	11	[2]	
ERECD4	GlobalFiler™									
3						11				
										2
EVF96J	GlobalFiler™									
3						11				
										2
EZEYKQ	Yfiler™ Plus, GlobalFiler™									
3	36,36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22	38	
	12		17	18		22	24	11	2	
F3FVRD	PowerPlex® Fusion 6C									
3						11				
				17	18					
F7BDJW	PowerPlex® Y 23, GlobalFiler™									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15	22				
	12	13	17	18		24	10	11	2	
FB8D3E	Yfiler™									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
						24		11		
FE8GX9	Yfiler™ Plus, GlobalFiler™									
3	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22	38	
	12		17	18		22	24	11	2	

TABLE 3

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

Item 3 - YSTR Results

FF2WYQ	Yfiler™, PowerPlex® Fusion 5C									
3		14	11,14	13	29	24	11	13	13	14
	9	13	18		15	15				
								24		11
FF6UGU	PowerPlex® Y 23, PowerPlex® Fusion 6C									
3		14	11,14	13	29	24	11	13	13	14
	9	13	18		15	15		22		
		12	13	17	18			24	10	11
FFGVYM	PowerPlex® Y 23									
3		14	11,14	13	29	24	11	13	13	14
	9	13	18		15	15		22		
		12	13	17	18			24	10	11
FHUZY7	GlobalFiler™									
3							11			
										2
FKW2Y3	GlobalFiler™									
3							11			
										2
FLBKQR	GlobalFiler™									
3							11			
										2
FPW6XG	Investigator® 24plex QS									
3							11			
G4NQBM	GlobalFiler™									
3							11			
										2
G9HLCU	PowerPlex® Fusion 6C									
3							11			
				17	18					
GAWHTF	PowerPlex® Fusion									
3							11			
GB7XBZ	Yfiler™, PowerPlex® Fusion 6C									
3		14	11,14	13	29	24	11	13	13	14
	9	13	18		15	15				
				17	18			24		11

TABLE 3

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

Item 3 - YSTR Results

GHARD9 3	PowerPlex® Y 23									
	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15	22				
	12	13	17	18		24	10	11		
GHM9MF 3	GlobalFiler™									
	11									
	2									
GJY7WQ 3	GlobalFiler™									
	11									
	2									
GMWNUJ 3	PowerPlex® Fusion 6C									
	11									
	17 18									
GQ3KT9 3	GlobalFiler™									
	11									
	2									
GQZUK6 3	Yfiler™ Plus, GlobalFiler™									
	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22	38	
	12			17	18		22	24		11 2
GRACQ9 3	PowerPlex® Y 23									
	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15	22				
	12	13	17	18		24	10	11		
GRCY8M 3	Yfiler™									
	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
	24 11									
GZ6YCL 3	PowerPlex® Y 23 System									
	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15	22				
	12	13	17	18		24	10	11		
H2WTWN 3	GlobalFiler™									
	11									
	2									
H3QFBD 3	PowerPlex® Y 23, PowerPlex® Fusion 5C									
	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15	22				
	12	13	17	18		24	10	11		

TABLE 3

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

Item 3 - YSTR Results

H42694	GlobalFiler™									
3	11									
	2									
H42DQF	Investigator® 24plex QS									
3	11									
	2									
H4YF47	GlobalFiler™									
3	11									
	2									
H6ATTF	GlobalFiler™									
3	11									
	2									
H6U2R7	PowerPlex® Fusion 6C									
3	11									
	17 18									
H7QCQE	Yfiler™ Plus									
3	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22		38
		12		17	18		22	24		11
HBYCUB	Yfiler™									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18		15	15				
								24		11
HKPVB4	Yfiler™, GlobalFiler™									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18		15	15				
								24		11 2
HMUG6W	Yfiler™, PowerPlex® Fusion 6C									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18		15	15				
			17	18			24		11	
HRCEYD	Yfiler™ Plus									
3	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22		38
		12		17	18		22	24		11 2
HZ6UKB	PowerPlex® Fusion 6C									
3	11									
	17 18									

TABLE 3

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

Item 3 - YSTR Results

J4XDYE	GlobalFiler™									
3	11									
	2									
JBHBR9	PowerPlex® Fusion 6C									
3	11									
	17 18									
JDJG6T	GlobalFiler™									
3	11									
	2									
JDQVQP	GlobalFiler™									
3	-	-	-	-	-	-	11	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	2
JFRK3B	Yfiler™, GlobalFiler™									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
							24		11	2
JGKP94	Yfiler™, GlobalFiler™									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
							24		11	2
JWV7HQ	PowerPlex® Y 23, PowerPlex® Fusion 6C									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15		22			
	12	13	17	18			24	10	11	
JXAJ99	Yfiler™									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
							24		11	
JXWRHD	Yfiler™, GlobalFiler™									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
							24		11	2
JYKCZ3	GlobalFiler™									
3	11									
	2									
K3JDBJ	PowerPlex® Y 23									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15		22			
	12	13	17	18			24	10	11	

TABLE 3

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

Item 3 - YSTR Results

K8EZBY	PowerPlex® Fusion 6C									
3	11									
17 18										
K934TR	PowerPlex® Y 23, GlobalFiler™, Investigator® 24plex									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15	22				
	12	13	17	18		24	10	11	2	
K9Q7L2	Yfiler™ Plus									
3	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22	38	
	12		17	18		22	24		11	2
KG3PEE	PowerPlex® Y 23									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15	22				
	12	13	17	18		24	10	11		
KLBAWJ	Yfiler™ Plus									
3	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22	38	
	12		17	18		22	24		11	2
KLUMB4	GlobalFiler™									
3	11									
2										
KRJ8EJ	11									
2										
KV3UZW	Yfiler™, PowerPlex® Fusion 6C (DYS391, 576, 570)									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
			17	18			24		11	
L96KEA	GlobalFiler™									
3	11									
2										
LACVBD	PowerPlex® Fusion 6C									
3	11									
17 18										
LB9FWR	GlobalFiler™									
3	11									
2										

TABLE 3

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

Item 3 - YSTR Results

LBPCM7										
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15	22				
	12	13	17	18		24	10	11		
LDU6EJ PowerPlex® Y 23										
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15	22				
	12	13	17	18		24	10	11		
LET4XR GlobalFiler™										
3						11				
										2
LFKTRR GlobalFiler™										
3						11				
										2
LQLMCX PowerPlex® Fusion 6C										
3						11				
			17	18						
LRV4H3 PowerPlex® Fusion 6C										
3						11				
			17	18						
LRZJU4										
3						11				
										2
LULTVA Yfiler™ Plus										
3	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22		38
	12		17	18		22	24		11	2
M44YZC GlobalFiler™										
3						11				
										2
M7R9CY Yfiler™ Plus, GlobalFiler™										
3	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22		38
	12		17	18		22	24		11	2
M9JAEF Yfiler™, Investigator® 24plex										
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
							24		11	

TABLE 3

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

Item 3 - YSTR Results

M9LWVU	Yfiler™, PowerPlex® Fusion 6C										
3	14	11,14	13	29	24	11	13	13	14		
	9	13	18	15	15						
			17	18			24		11		
MJHZYN	PowerPlex® Fusion 6C										
3						11					
			17	18							
MNCYCX	GlobalFiler™										
3						11					
										2	
MP4VZR	Yfiler™, Investigator® 24plex QS										
3	14	11,14	13	29	24	11	13	13	14		
	9	13	18	15	15						
							24		11		
MQJ8M4	Yfiler™ plus										
3	36,36	14	11,14	13	29	24	11	13	13	14	
	9	13	18	29	15	15	10	22	38		
		12		17	18		22	24		11	
MT3YGZ	Yfiler™, GlobalFiler™										
3	n/t	14	11,14	13	29	24	11	13	13	14	
	9	13	18	n/t	15	15	n/t	n/t	n/t	n/t	
	n/t	n/t	n/t	n/t	n/t	n/t	n/t	24	n/t	11	2
ND6LN3	PowerPlex® Y 23										
3	14	11,14	13	29	24	11	13	13	14		
	9	13	18	15	15		22				
		12	13	17	18		24	10	11		
NJF8Q2	PowerPlex® Y 23										
3	14	11,14	13	29	24	11	13	13	14		
	9	13	18	15	15		22				
		12	13	17	18		24	10	11		
NK9R46	Yfiler™										
3	14	11,14	13	29	24	11	13	13	14		
	9	13	18	15	15						
							24		11		
NMYMB8	Yfiler™ Plus										
3	36	14	11,14	13	29	24	11	13	13	14	
	9	13	18	29	15	15	10	22	38		
		12		17	18		22	24		11	2
NRPY9P	PowerPlex® Y 23, GlobalFiler™										
3	14	11,14	13	29	24	11	13	13	14		
	9	13	18	15	15		22				
		12	13	17	18		24	10	11	2	

TABLE 3

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

Item 3 - YSTR Results

NRQZPG	PowerPlex® Y 23										
	3	14	11,14	13	29	24	11	13	13	14	
	9	13	18		15	15		22			
		12	13	17	18			24	10	11	
NUDQ28	Yfiler™, GlobalFiler™										
	3	14	11,14	13	29	24	11	13	13	14	
	9	13	18		15	15					
								24	11	2	
NVPYX8	PowerPlex® Fusion										
	3						11				
NVTURR	Yfiler™, PowerPlex® Fusion 6C										
	3	14	11,14	13	29	24	11	13	13	14	
	9	13	18		15	15					
			17	18				24	11		
P78AC7	Yfiler™ Plus										
	3	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22		38	
		12		17	18		22	24	11	2	
PFDN3T	PowerPlex® Y 23										
	3	14	11,14	13	29	24	11	13	13	14	
	9	13	18		15	15		22			
		12	13	17	18			24	10	11	
PFPKAJ	Yfiler™										
	3	14	11,14	13	29	24	11	13	13	14	
	9	13	18		15	15					
								24	11		
PHHQXG	PowerPlex® Fusion 6C										
	3						11				
				17	18						
PKM8FL	Yfiler™ Plus, GlobalFiler™										
	3	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22		38	
		12		17	18		22	24	11	2	
PUTNXY	PowerPlex® Fusion 6C										
	3						11				
				17	18						
PV6V8Y	Yfiler™, GlobalFiler™										
	3	14	11,14	13	29	24	11	13	13	14	
	9	13	18		15	15					
								24	11	2	

TABLE 3

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

Item 3 - YSTR Results

PVL8P6	PowerPlex® Fusion 6C									
3	11									
	17 18									
PWD72H	GlobalFiler™									
3	11									
	2									
PX7L6L	Yfiler™ Plus, GlobalFiler™									
3	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22	-	38
	-	12	-	17	18	-	22	24	-	11 2
PY8RXU	PowerPlex® Fusion 6C									
3	11									
	17 18									
Q4WLC7	Investigator® 24plex QS									
3	11									
Q4XNX6	PowerPlex® Fusion 6C									
3	11									
	17 18									
Q7HDFW	Yfiler™, GlobalFiler™									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
							24		11	2
Q98AWH	Yfiler™									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
							24		11	
Q9M8WE	PowerPlex® Y 23									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15		22			
	12	13	17	18			24	10	11	
QER4FE	PowerPlex® Y 23									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15		22			
	12	13	17	18			24	10	11	
QFLRYA	Yfiler™, PowerPlex® Fusion 6C									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
			17	18			24		11	

TABLE 3

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

Item 3 - YSTR Results

QGH3YJ	PowerPlex® Y 23, PowerPlex® Fusion 6C									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15		22			
	12	13	17	18			24	10	11	
QGHVKC	PowerPlex® Y 23									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15		22			
	12	13	17	18			24	10	11	
QGKNY6	Yfiler™, GlobalFiler™									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
							24		11	2
QJ9AGU	GlobalFiler™									
3						11				
										2
QJNL2K	GlobalFiler™									
3						11				
										2
QU69AL	PowerPlex® Fusion 6C									
3							11			
				17	18					
R7Y7CC	GlobalFiler™									
3							11			
										2
RFKKPA	GlobalFiler™									
3							11			
										2
RLQQAY	PowerPlex® Y 23, PowerPlex® Fusion 6C									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15		22			
	12	13	17	18			24	10	11	
T62X38	GlobalFiler™									
3							11			
										2
T62ZRB	Yfiler™, GlobalFiler™									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
							24		11	2

TABLE 3

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

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T7QL3D	GlobalFiler™									
3	11									
	2									
TD86FL	GlobalFiler™									
3	11									
	2									
TGA3QE	GlobalFiler™									
3	11									
	2									
TJYA9P	GlobalFiler™									
3	11									
	2									
TL9PVH	PowerPlex® Fusion 6C and 5C									
3	11									
	17 18									
TQZL88	GlobalFiler™									
3	11									
	2									
TRB932	Yfiler™									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15		24		11	
TXKGCH	PowerPlex® Fusion 6C									
3	11									
	17 18									
TYAKRP	PowerPlex® Y 23, GlobalFiler™ YIndel									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15		22			
	12	13	17	18			24	10	11	2
TZLPE8										
3	11									
	17 18									
U2F6FP	Yfiler™									
3	-	14	11,14	13	29	24	11	13	13	14
	9	13	18	-	15	15	-	-	-	-
	-	-	-	-	-	-	-	24	-	11
										-

TABLE 3

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

Item 3 - YSTR Results

U2WJJT	PowerPlex® Fusion 6C									
3	11									
	17 18									
U7PT3K	GlobalFiler™									
3	11									
	2									
U9YWUB	Yfiler™ Plus									
3	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22		38
		12		17	18		22	24		11 2
UCDPRV	PowerPlex® Y 23									
3		14	11,14	13	29	24	11	13	13	14
	9	13	18		15	15		22		
		12	13	17	18			24	10	11
UFH4E2	PowerPlex® Fusion 6C									
3	11									
	[17] 18									
UPLMC	GlobalFiler™									
3	11									
	2									
UR47LE	Yfiler™									
3		14	11,14	13	29	24	11	13	13	14
	9	13	18		15	15				
								24		11
URP8FP	PowerPlex® Fusion 6C									
3	11									
	17 18									
UUCQKT	Yfiler™ Plus, GlobalFiler™									
3	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22		38
		12		17	18		22	24		11 2
V4G39B	PowerPlex® Y 23									
3		14	11,14	13	29	24	11	13	13	14
	9	13	18		15	15		22		
		12	13	17	18			24	10	11
VBZGX2	Investigator® 24plex QS									
3	11									

TABLE 3

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

Item 3 - YSTR Results

VEGNJF	PowerPlex® Fusion 6C										
3	11										
	17 18										
VKLK3F	GlobalFiler™										
3	11										
	2										
VLXRE4	Yfiler™										
3	14	11,14	13	29	24	11	13	13	14		
	9	13	18	15	15						
								24	11		
WCG3T	Yfiler™ Plus, GlobalFiler™										
3	36	14	11,14	13	29	24	11	13	13	14	
	9	13	18	29	15	15	10	22		38	
				12	17	18	22	24	11	2	
VZX4VF	GlobalFiler™										
3	11										
	2										
VZZT66	PowerPlex® Fusion 6C										
3	11										
	17 18										
W66WK6	PowerPlex® Y 23, GlobalFiler™										
3	14	11,14	13	29	24	11	13	13	14		
	9	13	18	15	15		22				
				12	13	17	18	24	10	11	2
W96UNP	Yfiler™ Plus										
3	36	14	11,14	13	29	24	11	13	13	14	
	9	13	18	29	15	15	10	22		38	
				12	17	18	22	24	11		
WF947W	PowerPlex® Fusion 6C										
3	11										
	17 18										
WGZ3HA	Yfiler™										
3	-	14	11,14	13	29	24	11	13	13	14	
	9	13	18	-	15	15	-	-	-	-	
	-	-	-	-	-	-	-	24	-	11	-
WM84UK	GlobalFiler™										
3	11										
	2										

TABLE 3

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

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WPV7NR	Yfiler™ Plus, GlobalFiler™									
3	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22		38
		12		17	18		22	24		11
										2
WQMTUM	Yfiler™									
3		14	11,14	13	29	24	11	13	13	14
	9	13	18		15	15				
								24		11
WU3QCN	Yfiler™ Plus, GlobalFiler™									
3	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22		38
		12		17	18		22	24		11
										2
WUQWU4	GlobalFiler™									
3							11			
				17	18					
WWE77P	Yfiler™ Plus, GlobalFiler™									
3	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22		38
		12		17	18		22	24		11
										2
WX6KEZ	GlobalFiler™									
3							11			
										2
WXAUKE	PowerPlex® Y 23, PowerPlex® Fusion 6C									
3		14	11,14	13	29	24	11	13	13	14
	9	13	18		15	15		22		
		12	13	17	18			24	10	11
WYZKJL	Yfiler™ Plus									
3	36,36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22		38
		12		17	18		22	24		11
X8QZT3	PowerPlex® Fusion 6C									
3							11			
				17	18					
XAERLK	PowerPlex® Fusion 6C									
3							11			
				17	18					
XJ2TZ9	GlobalFiler™									
3							11			
										2

TABLE 3

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

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XJKAKH	PowerPlex® Fusion 5C									
3	11									
XQLQQG	GlobalFiler™									
3	11									
	2									
XRV7DA	Yfiler™, PowerPlex® Fusion 5C									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
							24		11	
XW9BZP	Yfiler™ Plus, GlobalFiler™									
3	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22		38
		12		17	18		22	24		11
										2
Y47KL8	GlobalFiler™									
3	11									
	2									
Y79JWZ	PowerPlex® Fusion 6C									
3	11									
			17	18						
YBM7MY	PowerPlex® Fusion 6C									
3	11									
			17	18						
YH9UNV	PowerPlex® Fusion 6C									
3	11									
			17	18						
YLPR8Y	Yfiler™									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
							24		11	
YVU2C4	Yfiler™, PowerPlex® Fusion									
3	14	11,14	13	29	24	11	13	13	14	
	9	13	18	15	15					
							24		11	
YX4E86	Yfiler™ Plus									
3	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22		38
		12		17	18		22	24		11
										2

TABLE 3

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

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Z3NWXL	Yfiler™ Plus, GlobalFiler™									
3	36	14	11,14	13	29	24	11	13	13	14
	9	13	18	29	15	15	10	22		38
		12		17	18		22	24		11
Z6VC9X	GlobalFiler™									
3							11			
										2
Z7MEUR	Yfiler™									
3		14	11,14	13	29	24	11	13	13	14
	9	13	18		15	15				
								24		11
ZAQ3DN	PowerPlex® Y 23									
3		14	11,14	13	29	24	11	13	13	14
	9	13	18		15	15		22		
		12	13	17	18			24	10	11
ZGPC32	GlobalFiler™, PowerPlex® Fusion 6C									
3							11			
				17	18					2
ZTHY9W	PowerPlex® Fusion 6C									
3							11			
				17	18					
ZWH6PN	Yfiler™, GlobalFiler™									
3		14	11,14	13	29	24	11	13	13	14
	9	13	18		15	15				
								24		11
										2
ZWXQYP	PowerPlex® Y 23, PowerPlex® Fusion 6C									
3		14	11,14	13	29	24	11	13	13	14
	9	13	18		15	15		22		
		12	13	17	18			24	10	11

TABLE 3

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

Item 4 - YSTR Results

2CUZLV	Yfiler™ Plus, GlobalFiler™									
4	36,39	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21	29,35	15	15,16	10,11	22,26		37,38
		11,12		14,17	16,18		19,22	22,24		10,11
										2
2LGYEL	Yfiler™ Plus, GlobalFiler™									
4	36,39	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21	29,35	15	15,16	10,11	22,26		37,38
		11,12		14,17	16,18		19,22	22,24		10,11
										2
2NMJZ2	PowerPlex® Y, GlobalFiler™									
4		14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21		15	15,16				
								22,24		10,11
										2
2QDQHC	GlobalFiler™									
4							10,11			
										2
2U94W9	Yfiler™ Plus									
4	36,[39]	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21	29,35	15	15,16	10,11	22,26	-	37,38
	-	11,12	-	14,17	16,18	-	19,22	22,24	-	10,11
										2
2UEPZW	Investigator® 24plex QS									
4							10,11			
										2
334WV8	Yfiler™ Plus, GlobalFiler™									
4	36,39	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21	29,35	15	15,16	10,11	22,26		37,38
		11,12		14,17	16,18		19,22	22,24		10,11
										2
368U3U	GlobalFiler™									
4							10,11			
										2
369FZV	GlobalFiler™									
4							10,11			
										2
38BKBU	Investigator® 24plex QS									
4							10,11			
										2
3AL6HJ	GlobalFiler™									
4							10,11			
										2

TABLE 3

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

Item 4 - YSTR Results

3AWAQ2	GlobalFiler™									
4	10,11									
	2									
3BUMAM	PowerPlex® Y 23									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16		22,26			
	11,12	12,13	14,17	16,18			22,24	10,12	10,11	
3JPK3G	PowerPlex® Fusion 6C									
4	10,11									
	14,17 16,18									
3M4PQX	PowerPlex® Y System									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13								
3QPVHM	PowerPlex® Y 23									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16		22,26			
	11,12	12,13	14,17	16,18			22,24	10,12	10,11	
3QQWYE	Yfiler™, PowerPlex® Fusion 6C									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16					
			14,17	16,18			22,24		10,11	
3U78CH	GlobalFiler™									
4	10,[11]									
	2									
3V2UMZ	PowerPlex® Y 23									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16		22,26			
	11,12	12,13	14,17	16,18			22,24	10,12	10,11	
3WA6GJ	PowerPlex® Y 23									
4	14,15	[11,14],16,17	13	[29],30	22,[24]	10,11	11,13	13	14	
	9,11	11,[13]	18,21	15	15,16		22,26			
	11,[12]	12,13	14,17	16,18			22,24	10,12	10,11	
42LAQX	PowerPlex® Y 23, PowerPlex® Fusion 6C									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16		22,26			
	11,12	12,13	14,17	16,18			22,24	10,12	10,11	
43FHUV	PowerPlex® Fusion 6C									
4	10,11									
	14,17 16,18									

TABLE 3

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

Item 4 - YSTR Results

43HH6A	PowerPlex® Y 23, GlobalFiler™									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16		22,26			
	11,12	12,13	14,17	16,18			22,24	10,12	10,11	2
48BCRW	GlobalFiler™									
4						10,11				
										2
4BCQLU	GlobalFiler™									
4						10,11				
										2
4BCQNE	Yfiler™, PowerPlex® Fusion 6C									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16					
			14,17	16,18			22,24		10,11	
4BNK7Z	Yfiler™ Plus									
4	36,39	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21	29,35	15	15,16	10,11	22,26		37,38
	11,12		14,17	16,18			19,22	22,24		10,11
										2
4FKLGA	PowerPlex® Y 23, GlobalFiler™									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16		22,26			
	11,12	12,13	14,17	16,18			22,24	10,12	10,11	2
4NEG3R	Yfiler™ Plus, GlobalFiler™									
4	36,39	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21	29,35	15	15,16	10,11	22,26		37,38
	11,12		14,17	16,18			19,22	22,24		10,11
										2
4Q4QB9	Yfiler™									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16					
							22,24		10,11	2
4TURHG	GlobalFiler™									
4						10,11				
										2
4UJ3BV	PowerPlex® Fusion 6C									
4						10,11				
			14,17	16,18						
4WPNYV	PowerPlex® Fusion 6C									
4						10,11				
			14,17	16,18						

TABLE 3

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

Item 4 - YSTR Results

62J8UL	GlobalFiler™										
4											10,11
											2
62XERT	PowerPlex® Y 23										
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14		
											9,11
											11,13
											18,21
											15
											15,16
											22,26
											11,12
											12,13
											14,17
											16,18
											22,24
											10,12
											10,11
68368T	PowerPlex® Fusion 6C										
4											10,11
											14,17
											16,18
6DAVCJ	Yfiler™ Plus, GlobalFiler™										
4	36,[39]	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
											9,11
											11,13
											18,21
											29,35
											15
											15,16
											10,11
											22,26
											37,38
											11,12
											14,17
											16,18
											19,22
											22,24
											10,11
											2
6LQ678											
4											10,11
											14,17
											16,18
6QX4N8	PowerPlex® Fusion 5c,6c										
4											10,11
											14,17
											16,18
6QYX8D	PowerPlex® Y 23										
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14		
											9,11
											11,13
											18,21
											15
											15,16
											22,26
											11,12
											12,13
											14,17
											16,18
											22,24
											10,12
											10,11
6RPUGK	PowerPlex® Y 23, PowerPlex® Fusion 6C										
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14		
											9,11
											11,13
											18,21
											15
											15,16
											22,26
											11,12
											12,13
											14,17
											16,18
											22,24
											10,12
											10,11
6UFQC7	Yfiler™ Plus, GlobalFiler™										
4	36,39	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
											9,11
											11,13
											18,21
											29,35
											15
											15,16
											10,11
											22,26
											37,38
											11,12
											14,17
											16,18
											19,22
											22,24
											10,11
											2
6WLGEE	PowerPlex® Fusion 6C										
4											10,11
											14,17
											16,18
6XEWGH	GlobalFiler™										
4	NT	NT	NT	NT	NT	NT	10,11	NT	NT	NT	
											NT
											NT
											NT
											NT
											NT
											NT
											NT
											NT
											NT
											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

76RAV8	Yfiler™, PowerPlex® Fusion 5C, Investigator® 24plex									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16			22,24	10,11	
76V6PR	GlobalFiler™									
4						10,11				
										2
779WH9	PowerPlex® Fusion									
4						10,[11]				
79EEJQ	Investigator® 24plex QS									
4						10,11				
7E28T4	PowerPlex® Fusion 6C									
4						10,11				
			14,17	16,18						
7ENDC4	Yfiler™ Plus, GlobalFiler™									
4	36,39	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21	29,35	15	15,16	10,11	22,26		37,38
		11,12		14,17	16,18		19,22	22,24	10,11	2
7HGJMZ	Yfiler™, PowerPlex® Fusion 6C									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16					
			14,17	16,18			22,24		10,11	
7HZHLJ										
4						10,11				
7UA34Q	PowerPlex® Fusion 6C									
4						10,11				
			14,17	16,18						
7VCN2R	Investigator® 24plex QS									
4						10,11				
7XVPZK	PowerPlex® Y 23									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16		22,26			
		11,12	12,13	14,17	16,18		22,24	10,12	10,11	

TABLE 3

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

Item 4 - YSTR Results

7ZKG6H	Yfiler™, GlobalFiler™										
4	-	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	-	15	15,16	-	-	-	-	
	-	-	-	-	-	-	-	22,24	-	10,11	2
87264X	PowerPlex® Fusion 5C										
4							10,11				
8BYXDF	GlobalFiler™										
4							10,11				
8CCZ42	GlobalFiler™										
4							10,11				
8D37LC	GlobalFiler™										
4							10,11				
8EWGCT	Yfiler™, GlobalFiler™										
4		14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21		15	15,16					
								22,24		10,11	2
8FRRUU	Yfiler™, GlobalFiler™										
4		[14],15	[11,14],16,17	13	[29],30	22,[24]	10,[11]	11,[13]	13	14	
	[9],11	11,[13]	[18],21		15	[15],16					
								22,[24]		10,[11]	2
8PFNUA	GlobalFiler™										
4							10,11				
8TZBTN	GlobalFiler™										
4							10,11				
8WZLNN	GlobalFiler™										
4							10,11				
8Y2PFB	Yfiler™, PowerPlex® Fusion 6C										
4		14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21		15	15,16					
				14,17	16,18			22,24		10,11	2

TABLE 3

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

Item 4 - YSTR Results

8Y2RYN	PowerPlex® Y 23									
4	14,(15)	(11),14,16,(17)	13	29,(30)	22,24	10,(11)	11,13	13	14	
	9,(11)	11,13	18,(21)	15	15,16		22,(26)			
	11,12	12,(13)	(14),17	(16),18			(22),24	10,(12)	10,(11)	
96QEKL	PowerPlex® Fusion 6C									
4						10,11				
			14,17	16,18						
9DXVW8	GlobalFiler™									
4						10,11				
										2
9MPCLB	Yfiler™									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16		22,24		10,11	
9RKFLM	PowerPlex® Y 23, PowerPlex® Fusion 5C									
4	14,[15]	11,14,16,17	13	[29],30	[22],24	10,11	11,13	13	14	
	9,[11]	11,13	18,21	15	15,16		22,26			
	11,12	12,13	14,17	16,18			22,24	10,12	[10],11	
9X7WAD	GlobalFiler™									
4						10,11				
										2
A248PQ	Yfiler™, PowerPlex® Fusion									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16		22,24		10,11	
			14,17	16,18						
A4AUZA	Yfiler™, GlobalFiler™									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16		22,24		10,11	2
A4THKQ	PowerPlex® Fusion 6C									
4						10,11				
			14,17	16,18						
A6JU4W	GlobalFiler™									
4						10,11				
										2
A7W74L	GlobalFiler™									
4						10,11				
										2

TABLE 3

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

Item 4 - YSTR Results

AMKNTG	PowerPlex® Y 23, PowerPlex® Fusion 6C									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16		22,26			
	11,12	12,13	14,17	16,18			22,24	10,12	10,11	
AU3Z4W	PowerPlex® Y 23									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16		22,26			
	11,12	12,13	14,17	16,18			22,24	10,12	10,11	
AU7FJH	PowerPlex® Fusion 6C									
4						10,11				
			14,17	16,18						
B9X2DV	Yfiler™, PowerPlex® Fusion 5C									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16		22,24		10,11	
BHLKKU	PowerPlex® Fusion 5C									
4						10,11				
BHRRUH	Yfiler™									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16		22,24		10,11	
BKVRNM	GlobalFiler™									
4						10,11				2
BL7G3T	PowerPlex® Y 23									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16		22,26			
	11,12	12,13	14,17	16,18			22,24	10,12	10,11	
BMFQVQ	PowerPlex® Y 23									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16		22,26			
	11,12	12,13	14,17	16,18			22,24	10,12	10,11	
BT6WYR	Yfiler™ Plus									
4	36,39	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21	29,35	15	15,16	10,11	22,26		37,38
		11,12		14,17	16,18		19,22	22,24	10,11	2
BTNBDC	GlobalFiler™									
4						10,11				2

TABLE 3

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

Item 4 - YSTR Results

BUXMQ8	PowerPlex® Y 23									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16		22,26			
	11,12	12,13	14,17	16,18			22,24	10,12	10,11	
C3B4AL	GlobalFiler™									
4						10,11				
										2
C3M6PT	PowerPlex® Y 23									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16		22,26			
	11,12	12,13	14,17	16,18			22,24	10,12	10,11	
CARYR2	Yfiler™									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16					
							22,24		10,11	
CB2UQM	PowerPlex® Fusion 6C									
4						10,11				
			14,17	16,18						
CHJH7A	Yfiler™ Plus, GlobalFiler™									
4	36,39	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21	29,35	15	15,16	10,11	22,26		37,38
		11,12		14,17	16,18		19,22	22,24		10,11
										2
CKPM44	Yfiler™									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16					
							22,24		10,11	2
CN7ACH	PowerPlex® Y 23									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16					
							22,24		10,11	
CVP9B3	Yfiler™, PowerPlex® Fusion 6C									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16					
			14,17	16,18			22,24		10,11	
CXQJXQ	PowerPlex® Y 23									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16		22,26			
	11,12	12,13	14,17	16,18			22,24	10,12	10,11	
D7KEQ2	PowerPlex® Fusion 5c									
4						10,11				

TABLE 3

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

Item 4 - YSTR Results

D8FLJY	Yfiler™									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16					
							22,24		10,11	2
DD2GK3	GlobalFiler™									
4						10,11				
										2
DF8YKJ	GlobalFiler™									
4						10,11				
										2
DHJRLD	Yfiler™ Plus									
4	36,39	14,15	11,14,15,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21	29,34,35	15	15,16	10,11	22,26		37,38
		11,12		14,17	16,18		19,22	22,24		10,11
DKMAXM	Yfiler™, PowerPlex® Fusion 6C									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16					
			14,17	16,18			22,24		10,11	
DLJNLF	PowerPlex® Fusion 6C									
4						10,11				
			14,17	16,18						
DMUPAZ	GlobalFiler™									
4						10,11				
										2
DXERXL	PowerPlex® Y 23									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16		22,26			
	11,12	12,13	14,17	16,18			22,24	10,12	10,11	
DY7PRT	PowerPlex® Y 23, PowerPlex® Fusion 5C									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16		22,26			
	11,12	12,13	14,17	16,18			22,24	10,12	10,11	
E4UZQB	PowerPlex® Y 23, PowerPlex® Fusion 5C DYS391 only									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16		22,26			
	11,12	12,13	14,17	16,18			22,24	10,12	10,11	
E9982B	Yfiler™ Plus									
4	36,[39]	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21	29,35	15	15,16	10,11	22,26		37,38
		11,12		14,17	16,18		19,22	22,24		10,11

TABLE 3

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

Item 4 - YSTR Results

EAX9QC	PowerPlex® Y 23, PowerPlex® Fusion 5C									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16		22,26			
	11,12	12,13	14,17	16,18			22,24	10,12	10,11	
EETVN7	Yfiler™ Plus, GlobalFiler™									
4	36,39	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21	29,35	15	15,16	10,11	22,26		37,38
	11,12		14,17	16,18			19,22	22,24		10,11
										2
EM8B62	GlobalFiler™									
4							10,11			
										2
ER3F7E	Yfiler™ Plus									
4	36,39	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21	29,35	15	15,16	10,11	22,26		37,38
	11,12		14,17	16,18			19,22	22,24		10,11
										2
ERECD4	GlobalFiler™									
4							10,11			
										2
EVF96J	GlobalFiler™									
4							10,11			
										2
EZEYKQ	Yfiler™ Plus, GlobalFiler™									
4	36,39	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21	29,35	15	15,16	10,11	22,26		37,38
	11,12		14,17	16,18			19,22	22,24		10,11
										2
F3FVRD	PowerPlex® Fusion 6C									
4							10,11			
			14,17	16,18						
F7BDJW	PowerPlex® Y 23, GlobalFiler™									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16		22,26			
	11,12	12,13	14,17	16,18			22,24	10,12	10,11	2
FB8D3E	Yfiler™									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16					
							22,24		10,11	
FE8GX9	Yfiler™ Plus, GlobalFiler™									
4	36,39	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21	29,35	15	15,16	10,11	22,26		37,38
	11,12		14,17	16,18			19,22	22,24		10,11
										2

TABLE 3

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

Item 4 - YSTR Results

FF2WYQ	Yfiler™, PowerPlex® Fusion 5C									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16					
							22,24		10,11	
FF6UGU	PowerPlex® Y 23, PowerPlex® Fusion 6C									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16		22,26			
		11,12	12,13	14,17	16,18		22,24	10,12	10,11	
FFGVYM	PowerPlex® Y 23									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16		22,26			
		11,12	12,13	14,17	16,18		22,24	10,12	10,11	
FHUZY7	GlobalFiler™									
4						10,11				
										2
FKW2Y3	GlobalFiler™									
4						10,11				
										2
FLBKQR	GlobalFiler™									
4						10,11				
										2
FPW6XG	Investigator® 24plex QS									
4						10,11				
G4NQBM	GlobalFiler™									
4						10,11				
										2
G9HLCU	PowerPlex® Fusion 6C									
4						10,11				
				14,17	16,18					
GAWHTF	PowerPlex® Fusion									
4						10,11				
GB7XBZ	Yfiler™, PowerPlex® Fusion 6C									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16					
				14,17	16,18		22,24		10,11	

TABLE 3

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

Item 4 - YSTR Results

GHARD9 4	PowerPlex® Y 23									
		14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21		15	15,16		22,26		
	11,12	12,13	14,17		16,18			22,24	10,12	10,11
GHM9MF 4	GlobalFiler™									
							10,11			
GJY7WQ 4	GlobalFiler™									
							10,[11]			
GMWNUJ 4	PowerPlex® Fusion 6C									
							10,11			
GQ3KT9 4	GlobalFiler™									
							10,11			
GQZUK6 4	Yfiler™ Plus, GlobalFiler™									
	36,39	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21	29,35	15	15,16	10,11	22,26		37,38
	11,12		14,17	16,18			19,22	22,24		10,11 2
GRACQ9 4	PowerPlex® Y 23									
		14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21		15	15,16		22,26		
	11,12	12,13	14,17	16,18			22,24	10,12	10,11	
GRCY8M 4	Yfiler™									
		14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21		15	15,16				
							22,24		10,11	
GZ6YCL 4	PowerPlex® Y 23 System									
		14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21		15	15,16		22,26		
	11,12	12,13	14,17	16,18			22,24	10,12	10,11	
H2WTWN 4	GlobalFiler™									
							10,11			
H3QFBD 4	PowerPlex® Y 23, PowerPlex® Fusion 5C									
		14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,[13]	[18],21		15	[15],16		22,26		
	11,12	12,13	14,[17]	16,18			22,[24]	[10],12	10,11	

TABLE 3

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

Item 4 - YSTR Results

H42694	GlobalFiler™									
4	10,11									
2										
H42DQF	Investigator® 24plex QS									
4	10,11									
2										
H4YF47	GlobalFiler™									
4	10,11									
2										
H6ATTF	GlobalFiler™									
4	10,[11]									
2										
H6U2R7	PowerPlex® Fusion 6C									
4	10,11									
14,17 16,18										
H7QCQE	Yfiler™ Plus									
4	36,39	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
9,11 11,13 18,21 29,35 15 15,16 10,11 22,26 37,38										
11,12 14,17 16,18 19,22 22,24 10,11										
HBYCUB	Yfiler™									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
9,11 11,13 18,21 15 15,16										
22,24 10,11										
HKPVB4	Yfiler™, GlobalFiler™									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
9,11 11,13 18,21 15 15,16										
22,24 10,11 2										
HMUG6W	Yfiler™, PowerPlex® Fusion 6C									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
9,11 11,13 18,21 15 15,16										
14,17 16,18 22,24 10,11										
HRCEYD	Yfiler™ Plus									
4	36,39	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
9,11 11,13 18,21 29,35 15 15,16 10,11 22,26 37,38										
11,12 14,17 16,18 19,22 22,24 10,11 2										
HZ6UKB	PowerPlex® Fusion 6C									
4	10,11									
14,17 16,18										

TABLE 3

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

Item 4 - YSTR Results

J4XDYE	GlobalFiler™									
4	10,11									2
JBHBR9	PowerPlex® Fusion 6C									
4	10,11									2
			14,17	16,18						
JDJG6T	GlobalFiler™									
4	10,11									2
JDQVQP	GlobalFiler™									
4	-	-	-	-	-	-	10,11	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	2
JFRK3B	Yfiler™, GlobalFiler™									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16					
							22,24		10,11	2
JGKP94	Yfiler™, GlobalFiler™									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16					
							22,24		10,11	2
JWV7HQ	PowerPlex® Y 23, PowerPlex® Fusion 6C									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16		22,26			
		11,12	12,13	14,17	16,18		22,24	10,12	10,11	
JXAJ99	Yfiler™									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16					
							22,24		10,11	
JXWRHD	Yfiler™, GlobalFiler™									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16					
							22,24		10,11	2
JYKCZ3	GlobalFiler™									
4	10,11									2
K3JDBJ	PowerPlex® Y 23									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16		22,26			
		11,12	12,13	14,17	16,18		22,24	10,12	10,11	

TABLE 3

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

Item 4 - YSTR Results

K8EZBY	PowerPlex® Fusion 6C									
4	10,11									
14,17 16,18										
K934TR	PowerPlex® Y 23, GlobalFiler™, Investigator® 24plex									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16		22,26			
	11,12	12,13	14,17	16,18			22,24	10,12	10,11	2
K9Q7L2	Yfiler™ Plus									
4	36,39	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21	29,35	15	15,16	10,11	22,26		37,38
	11,12		14,17	16,18			19,22	22,24		10,11 2
KG3PEE	PowerPlex® Y 23									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16		22,26			
	11,12	12,13	14,17	16,18			22,24	10,12	10,11	
KLBAWJ	Yfiler™ Plus									
4	36,39	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21	29,35	15	15,16	10,11	22,26		37,38
	11,12		14,17	16,18			19,22	22,24		10,11 2
KLUMB4	GlobalFiler™									
4	10,11									
2										
KRJ8EJ	10,11									
2										
KV3UZW	Yfiler™, PowerPlex® Fusion 6C (DYS391, 576, 570)									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16					
			14,17	16,18			22,24		10,11	
L96KEA	GlobalFiler™									
4	10,11									
2										
LACVBD	PowerPlex® Fusion 6C									
4	10,11									
14,17 16,18										
LB9FWR	GlobalFiler™									
4	10,11									
2										

TABLE 3

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

Item 4 - YSTR Results

M9LWVU	Yfiler™, PowerPlex® Fusion 6C										
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14		
	9,11	11,13	18,21	15	15,16						
			14,17	16,18			22,24		10,11		
MJHZYN	PowerPlex® Fusion 6C										
4						10,11					
			14,17	16,18							
MNCYCX	GlobalFiler™										
4						10,11					
											2
MP4VZR	Yfiler™, Investigator® 24plex QS										
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14		
	9,11	11,13	18,21	15	15,16						
							22,24		10,11		
MQJ8M4	Yfiler™ plus										
4	36,39	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	29,35	15	15,16	10,11	22,26		37,38	
		11,12		14,17	16,18		19,22	22,24		10,11	
MT3YGZ	Yfiler™, GlobalFiler™										
4	n/t	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	n/t	15	15,16	n/t	n/t	n/t	n/t	
	n/t	n/t	n/t	n/t	n/t	n/t	n/t	22,24	n/t	10,11	2
ND6LN3	PowerPlex® Y 23										
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14		
	9,11	11,13	18,21	15	15,16			22,26			
		11,12	12,13	14,17	16,18		22,24	10,12	10,11		
NJF8Q2	PowerPlex® Y 23										
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14		
	9,11	11,13	18,21	15	15,16			22,26			
		11,12	12,13	14,17	16,18		22,24	10,12	10,11		
NK9R46	Yfiler™										
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14		
	9,11	11,13	18,21	15	15,16						
							22,24		10,11		
NMYMB8	Yfiler™ Plus										
4	36,39	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	29,35	15	15,16	10,11	22,26		37,38	
		11,12		14,17	16,18		19,22	22,24		10,11	2
NRPY9P	PowerPlex® Y 23, GlobalFiler™										
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14		
	9,11	11,13	18,21	15	15,16			22,26			
		11,12	12,13	14,17	16,18		22,24	10,12	10,11	2	

TABLE 3

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

Item 4 - YSTR Results

NRQZPG	PowerPlex® Y 23									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16		22,26			
	11,12	12,13	14,17	16,18			22,24	10,12	10,11	
NUDQ28	Yfiler™, GlobalFiler™									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16					
							22,24		10,11	2
NVPYX8	PowerPlex® Fusion									
4						10,11				
NVTURR	Yfiler™, PowerPlex® Fusion 6C									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16					
			14,17	16,18			22,24		10,11	
P78AC7	Yfiler™ Plus									
4	36,39	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21	29,35	15	15,16	10,11	22,26		37,38
		11,12		14,17	16,18		19,22	22,24	10,11	2
PFDN3T	PowerPlex® Y 23									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16		22,26			
	11,12	12,13	14,17	16,18			22,24	10,12	10,11	
PFPKAJ	Yfiler™									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16					
							22,24		10,11	
PHHQXG	PowerPlex® Fusion 6C									
4						10,11				
			14,17	16,18						
PKM8FL	Yfiler™ Plus, GlobalFiler™									
4	36,39	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21	29,35	15	15,16	10,11	22,26		37,38
		11,12		14,17	16,18		19,22	22,24	10,11	2
PUTNXY	PowerPlex® Fusion 6C									
4						10,11				
			14,17	16,18						
PV6V8Y	Yfiler™, GlobalFiler™									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16					
							22,24		10,11	2

TABLE 3

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

Item 4 - YSTR Results

PVL8P6	PowerPlex® Fusion 6C									
4	10,11									
	[14],17 16,18									
PWD72H	GlobalFiler™									
4	10,11									
	2									
PX7L6L	Yfiler™ Plus, GlobalFiler™									
4	36,[39]	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21	29,35	15	15,16	10,11	22,26	-	37,38
	-	11,12	-	14,17	16,18	-	19,22	22,24	-	10,11 2
PY8RXU	PowerPlex® Fusion 6C									
4	10,11									
	14,17 16,18									
Q4WLC7	Investigator® 24plex QS									
4	10,11									
Q4XNX6	PowerPlex® Fusion 6C									
4	10,11									
	14,17 16,18									
Q7HDFW	Yfiler™, GlobalFiler™									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16					
							22,24		10,11	2
Q98AWH	Yfiler™									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16					
							22,24		10,11	
Q9M8WE	PowerPlex® Y 23									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16		22,26			
		11,12	12,13	14,17	16,18		22,24	10,12	10,11	
QER4FE	PowerPlex® Y 23									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16		22,26			
		11,12	12,13	14,17	16,18		22,24	10,12	10,11	
QFLRYA	Yfiler™, PowerPlex® Fusion 6C									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16					
				14,17	16,18		22,24		10,11	

TABLE 3

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

Item 4 - YSTR Results

QGH3YJ	PowerPlex® Y 23, PowerPlex® Fusion 6C									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16		22,26			
	11,12	12,13	14,17	16,18			22,24	10,12	10,11	
QGHVKC	PowerPlex® Y 23									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16		22,26			
	11,12	12,13	14,17	16,18			22,24	10,12	10,11	
QGKNY6	Yfiler™, GlobalFiler™									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13		
	11,13			15	15,16					
							22,24			2
QJ9AGU	GlobalFiler™									
4						10,11				
										2
QJNL2K	GlobalFiler™									
4						10,11				
										2
QU69AL	PowerPlex® Fusion 6C									
4						10,11				
			14,17	16,18						
R7Y7CC	GlobalFiler™									
4						10,11				
										2
RFKKPA	GlobalFiler™									
4						10,11				
										2
RLQQAY	PowerPlex® Y 23, PowerPlex® Fusion 6C									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16		22,26			
	11,12	12,13	14,17	16,18			22,24	10,12	10,11	
T62X38	GlobalFiler™									
4						10,11				
										2
T62ZRB	Yfiler™, GlobalFiler™									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16					
							22,24		10,11	2

TABLE 3

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

Item 4 - YSTR Results

T7QL3D	GlobalFiler™									
4	10,11									
	2									
TD86FL	GlobalFiler™									
4	10,11									
	2									
TGA3QE	GlobalFiler™									
4	10,11									
	2									
TJYA9P	GlobalFiler™									
4	10,11									
	2									
TL9PVH	PowerPlex® Fusion 6C and 5C									
4	10,11									
	14,17 16,18									
TQZL88	GlobalFiler™									
4	10,11									
	2									
TRB932	Yfiler™									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16		22,24		10,11	
	2									
TXKGCH	PowerPlex® Fusion 6C									
4	10,11									
	14,17 16,18									
TYAKRP	PowerPlex® Y 23, GlobalFiler™ YIndel									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16		22,26			
	11,12	12,13	14,17	16,18		22,24	10,12	10,11	2	
	2									
TZLPE8										
4	10,11									
	14,17 16,18									
U2F6FP	Yfiler™									
4	-	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21	-	15	15,16	-	-	-	-
	-	-	-	-	-	-	-	22,24	-	10,11
	-									

TABLE 3

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

Item 4 - YSTR Results

U2WJTT	PowerPlex® Fusion 6C									
4	10,11									
	14,17 16,18									
U7PT3K	GlobalFiler™									
4	10,11									
	2									
U9YWUB	Yfiler™ Plus									
4	36,39	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21	29,35	15	15,16	10,11	22,26		37,38
		11,12		14,17	16,18		19,22	22,24		10,11 2
UCDPRV	PowerPlex® Y 23									
4		14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21		15	15,16		22,26		
		11,12	12,13	14,17	16,18			22,24	10,12	10,11
UFH4E2	PowerPlex® Fusion 6C									
4	10,11									
	14,17 16,18									
UPLMC	GlobalFiler™									
4	10,11									
	2									
UR47LE	Yfiler™									
4		14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21		15	15,16				
								22,24		10,11
URP8FP	PowerPlex® Fusion 6C									
4	10,11									
	14,17 16,18									
UUCQKT	Yfiler™ Plus, GlobalFiler™									
4	36,39	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21	29,35	15	15,16	10,11	22,26		37,38
		11,12		14,17	16,18		19,22	22,24		10,11 2
V4G39B	PowerPlex® Y 23									
4		14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21		15	15,16		22,26		
		11,12	12,13	14,17	16,18			22,24	10,12	10,11
VBZGX2	Investigator® 24plex QS									
4	10,11									

TABLE 3

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

Item 4 - YSTR Results

VEGNJF	PowerPlex® Fusion 6C									
4	10,11									
	14,17 16,18									
VKLK3F	GlobalFiler™									
4	10,11									
	2									
VLXRE4	Yfiler™ SureID									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16					
	22,24 10,11									
WWCG3T	Yfiler™ Plus, GlobalFiler™									
4	36,39	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21	29,35	15	15,16	10,11	22,26		37,38
		11,12		14,17	16,18		19,22	22,24		10,11
	2									
VZX4VF	GlobalFiler™									
4	10,11									
	2									
VZZT66	PowerPlex® Fusion 6C									
4	10,11									
	14,17 16,18									
W66WK6	PowerPlex® Y 23, GlobalFiler™									
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	15	15,16			22,26		
		11,12	12,13	14,17	16,18			22,24	10,12	10,11
	2									
W96UNP	Yfiler™ Plus									
4	36,39	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21	29,35	15	15,16	10,11	22,26		37,38
		11,12		14,17	16,18		19,22	22,24		10,11
	2									
WF947W	PowerPlex® Fusion 6C									
4	10,11									
	14,17 16,18									
WGZ3HA	Yfiler™									
4	-	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21	-	15	15,16	-	-	-	-
	-	-	-	-	-	-	-	22,24	-	10,11
	-									
WM84UK	GlobalFiler™									
4	10,11									
	2									

TABLE 3

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

Item 4 - YSTR Results

WPV7NR	Yfiler™ Plus, GlobalFiler™									
4	36,39	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21	29,35	15	15,16	10,11	22,26		37,38
		11,12		14,17	16,18		19,22	22,24		10,11
										2
WQMTUM	Yfiler™									
4		14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21		15	15,16				
								22,24		10,11
WU3QCN	Yfiler™ Plus, GlobalFiler™									
4	36,39	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21	29,35	15	15,16	10,11	22,26		37,38
		11,12		14,17	16,18		19,22	22,24		10,11
										2
WUQWU4	GlobalFiler™									
4							10,11			
				14,17	16,18					
WWE77P	Yfiler™ Plus, GlobalFiler™									
4	36,39	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21	29,35	15	15,16	10,11	22,26		37,38
		11,12		14,17	16,18		19,22	22,24		10,11
										2
WX6KEZ	GlobalFiler™									
4							10,11			
										2
WXAUKE	PowerPlex® Y 23, PowerPlex® Fusion 6C									
4		14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21		15	15,16		22,26		
		11,12	12,13	14,17	16,18			22,24	10,12	10,11
WYZKJL	Yfiler™ Plus									
4	36,39	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21	29,35	15	15,16	10,11	22,26		37,38
		11,12		14,17	16,18		19,22	22,24		10,11
X8QZT3	PowerPlex® Fusion 6C									
4							10,11			
				14,17	16,18					
XAERLK	PowerPlex® Fusion 6C									
4							10,11			
				14,17	16,18					
XJ2TZ9	GlobalFiler™									
4							10,11			
										2

TABLE 3

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

Item 4 - YSTR Results

XJKAKH	PowerPlex® Fusion 5C										
4										10,11	
XQLQQG	GlobalFiler™										
4										10,11	
	2										
XR7DA	Yfiler™, PowerPlex® Fusion 5C										
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14		
	9,11	11,13	18,21	15	15,16					22,24	10,11
XW9BZP	Yfiler™ Plus, GlobalFiler™										
4	36,39	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	29,35	15	15,16	10,11	22,26	37,38		
	11,12		14,17	16,18	19,22	22,24	10,11		2		
Y47KL8	GlobalFiler™										
4										10,11	
	2										
Y79JWZ	PowerPlex® Fusion 6C										
4										10,11	
				14,17	16,18						
YBM7MY	PowerPlex® Fusion 6C										
4										10,11	
				14,17	16,18						
YH9UNV	PowerPlex® Fusion 6C										
4										10,11	
				14,17	16,18						
YLPR8Y	Yfiler™										
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14		
	9,11	11,13	18,21	15	15,16					22,24	10,11
YVU2C4	Yfiler™, PowerPlex® Fusion										
4	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14		
	9,11	11,13	18,21	15	15,16					22,24	10,11
YX4E86	Yfiler™ Plus										
4	36,39	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14	
	9,11	11,13	18,21	29,35	15	15,16	10,11	22,26	37,38		
	11,12		14,17	16,18	19,22	22,24	10,11		2		

TABLE 3

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

Item 4 - YSTR Results

Z3NWXL	Yfiler™ Plus, GlobalFiler™									
4	36,39	14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21	29,35	15	15,16	10,11	22,26		37,38
		11,12		14,17	16,18		19,22	22,24		10,11
Z6VC9X	GlobalFiler™									
4							10,11			
										2
Z7MEUR	Yfiler™									
4		14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21		15	15,16				
								22,24		10,11
ZAQ3DN	PowerPlex® Y 23									
4		14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21		15	15,16		22,26		
		11,12	12,13	14,17	16,18			22,24	10,[12]	10,11
ZGPC32	GlobalFiler™, PowerPlex® Fusion 6C									
4							10,11			
				14,17	16,18					2
ZTHY9W	PowerPlex® Fusion 6C									
4							10,11			
				14,17	16,18					
ZWH6PN	Yfiler™, GlobalFiler™									
4		14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21		15	15,16				
								22,24		10,11
										2
ZWXQYP	PowerPlex® Y 23, PowerPlex® Fusion 6C									
4		14,15	11,14,16,17	13	29,30	22,24	10,11	11,13	13	14
	9,11	11,13	18,21		15	15,16		22,26		
		11,12	12,13	14,17	16,18			22,24	10,12	10,11

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.

Locus	WebCode	Item 1	Item 2	Item 3	Item 3e	Item 3sp	Item 4	Item 4e	Item 4sp
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No additional DNA results were reported for release.

DNA Interpretations

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

TABLE 5

WebCode	Victim (Item 1)		Suspect (Item 2)		WebCode	Victim (Item 1)		Suspect (Item 2)	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
2CUZLV	Yes	Yes	No	Yes	4BCQNE	Yes	Yes	No	Yes
2LGYEL	Yes	Yes	No	Yes	4BNK7Z	Yes	Yes	No	Yes
2NMJZ2	Yes	Yes	No	Yes	4FKLGA	Yes	Yes	No	Yes
2QDQHC	Yes	Yes	No	Yes	4L8WJY	No Interpretations Reported, DNA Analyzed for Database purposes only.			
2U94W9					4NEG3R	Yes	Yes	No	Yes
2UEPZW	Yes	Yes	No	Yes	4Q4QB9	Yes	Yes	No	Yes
334WV8	Yes	Yes	No	Yes	4TURHG	Yes	Yes	No	Yes
368U3U	Yes	Yes	No	Yes	4UJ3BV	Yes	Yes	No	Yes
369FZV	Yes	Yes	No	Yes	4WPNYV	Yes	Yes	No	Yes
38BKBU	Yes	Yes	No	Yes	62J8UL	Yes	Yes	No	Yes
3AL6HJ	Yes	Yes	No	Yes	62XERT	Yes	Yes	No	Yes
3AWAQ2	Yes	Yes	No	Yes	68368T	Yes	Yes	No	Yes
3BUMAM	Yes	Yes	No	Yes	68RE7N	Yes	Yes	No	Yes
3D6R6J	Yes	Yes	No	Yes	6DAVCJ	Yes	Yes	No	Yes
3F7J4N	Yes	Yes	No	Yes	6LQ678	Yes	Yes	No	Yes
3JPK3G	Yes	Yes	No	Yes	6QK2TD	No Interpretations Reported, DNA Analyzed for Database purposes only.			
3M4PQX	Yes	Yes	No	Yes	6QX4N8	Yes	Yes	No	Yes
3QPVHM	Yes	Yes	No	Yes	6QYX8D	Yes	Yes	No	Yes
3QQWYE	Yes	Yes	No	Yes	6RPUGK	Yes	Yes	No	Yes
3U78CH	Yes	Yes	No	Yes	6UFQC7	Yes	Yes	No	Yes
3V2UMZ	Yes	Yes	No	Yes	6WLGEE	Yes	Yes	No	Yes
3WA6GJ	Yes	Yes	No	Yes	6XEWDH	Yes	Yes	No	Yes
42LAQX	Yes	Yes	No	Yes	76RAV8	Yes	Yes	No	Yes
43FHUV	Yes	Yes	No	Yes	76V6PR	Yes	Yes	No	Yes
43HH6A	Yes	Yes	No	Yes	779WH9	Yes	Yes	No	Yes
48BCRW	Yes	Yes	No	Yes	79EEJQ	Yes	Yes	No	Yes
4BCQLU	Yes	Yes	No	Yes					

TABLE 5

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
7E28T4	Yes	Yes	No	Yes	A4THKQ	Yes	Yes	No	Yes
7ENDC4	Yes	Yes	No	Yes	A6JU4W	Yes	Yes	No	Yes
7HGJMZ	Yes	Yes	No	Yes	A7W74L	Yes	Yes	No	Yes
7HZHLJ	Yes	Yes	No	Yes	AFJWEZ	Yes	Yes	No	Yes
7UA34Q	Yes	Yes	No	Yes	AMKNTG	Yes	Yes	No	Yes
7VCN2R	Yes	Yes	No	Yes	AU3Z4W	Yes	Yes	No	Yes
7XFJKU	No Interpretations Reported, DNA Analyzed for Database purposes only.				AU7FJH	Yes	Yes	No	Yes
7XVPZK	Yes	Yes	No	Yes	B9X2DV	Yes	Yes	No	Yes
7XV6L	Yes	Yes	No	Yes	BCFNLA	Yes	Yes	No	Yes
7ZKG6H	Yes	Yes	No	Yes	BHLKKU	Yes	Yes	No	Yes
87264X	Yes	Yes	No	Yes	BHRRUH	Yes	Yes	No	Yes
8BYXDF	Yes	Yes	No	Yes	BKVRNM	Yes	Yes	No	Yes
8CCZ42	Yes	Yes	No	Yes	BL7G3T	Yes	Yes	No	Yes
8D37LC	Yes	Yes	No	Yes	BMFQVQ	Yes	Yes	No	Yes
8EWGCT	Yes	Yes	No	Yes	BT6WYR	Yes	Yes	No	Yes
8FRRUU	Yes	Yes	No	Yes	BTNBDC	Yes	Yes	No	Yes
8GQ6VN					BUXMQ8	Yes	Yes	No	Yes
8PFNUA	Yes	Yes	No	Yes	C3B4AL	Yes	Yes	No	Yes
8TZBTN	Yes	Yes	No	Yes	C3M6PT	Yes	Yes	No	Yes
8WZLNN	Yes	Yes	No	Yes	CARYR2	Yes	Yes	No	Yes
8Y2PFB	Yes	Yes	No	Yes	CB2UQM	Yes	Yes	No	Yes
8Y2RYN	Yes	Yes	No	Yes	CFUGG9	Yes	Yes	No	Yes
96QEKL	Yes	Yes	No	Yes	CHJH7A	Yes	Yes	No	Yes
9DXVW8	Yes	Yes	No	Yes	CKPM44	Yes	Yes	No	Yes
9MPCLB	Yes	Yes	No	Yes	CN7ACH	Yes	Yes	No	Yes
9RKFLM	Yes	Yes	No	Yes	CVP9B3	Yes	Yes	No	Yes
9X7WAD	Yes	Yes	No	Yes	CXQJXQ	Yes	Yes	No	Yes
A248PQ	Yes	Yes	No	Yes	D7KEQ2	Yes	Yes	No	Yes
A4AUZA	Yes	Yes	No	Yes	D8FLJY	Yes	Yes	No	Yes

TABLE 5

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
DD2GK3	Yes	Yes	No	Yes	FTA38P	Yes	Yes	No	Yes
DF8YKJ	Yes	Yes	No	Yes	G4NQBMM	Yes	Yes	No	Yes
DHJRLD	Yes	Yes	No	Yes	G9HLCU	Yes	Yes	No	Yes
DKMAXM	Yes	Yes	No	Yes	GAWHTF	Yes	Yes	No	Yes
DLJNLF	Yes	Yes	No	Yes	GB7XBZ	Yes	Yes	No	Yes
DMUPAZ	Yes	Yes	No	Yes	GHARD9	Yes	Yes	No	Yes
DXERXL	Yes	Yes	No	Yes	GHM9MF	Yes	Yes	No	Yes
DY7PRT	Yes	Yes	No	Yes	GJY7WQ	Yes	Yes	No	Yes
E4UZQB	Yes	Yes	No	Yes	GMWNUJ	Yes	Yes	No	Yes
E9982B	Yes	Yes	No	Yes	GQ3KT9	Yes	Yes	No	Yes
EAX9QC	Yes	Yes	No	Yes	GQZUK6	Yes	Yes	No	Yes
EETVN7	Yes	Yes	No	Yes	GRACQ9	Yes	Yes	No	Yes
EM8B62	Yes	Yes	No	Yes	GRCY8M	Yes	Yes	No	Yes
ER3F7E	Yes	Yes	No	Yes	GUZLNG	Yes	Yes	No	Yes
ERECD4	Yes	Yes	No	Yes	GZ6YCL	Yes	Yes	No	Yes
EVF96J	Yes	Yes	No	Yes	H2DEJR	Yes	Yes	No	Yes
EZEYKQ	Yes	Yes	No	Yes	H2WTWN	Yes	Yes	No	Yes
F3FVRD	Yes	Yes	No	Yes	H3QFBD	Yes	Yes	No	Yes
F7BDJW	Yes	Yes	No	Yes	H42694	Yes	Yes	No	Yes
FB8D3E	Yes	Yes	No	Yes	H42DQF	Yes	Yes	No	Yes
FE8GX9	Yes	Yes	No	Yes	H4YF47	Yes	Yes	No	Yes
FF2WYQ	Yes	Yes	No	Yes	H6ATTF	Yes	Yes	No	Yes
FF6UGU	Yes	Yes	No	Yes	H6U2R7	Yes	Yes	No	Yes
FFGVYM	Yes	Yes	No	Yes	H7QCQE	Yes	Yes	No	Yes
FHUZY7	Yes	Yes	No	Yes	HBYCUB	Yes	Yes	No	Yes
FKW2Y3	Yes	Yes	No	Yes	HKPVB4	Yes	Yes	No	Yes
FLBKQR	Yes	Yes	No	Yes	HMUG6W	Yes	Yes	No	Yes
FPW6XG	Yes	Yes	No	Yes	HRCEYD	Yes	Yes	No	Yes
FRW6KE	No Interp	No Interp	No Interp	No Interp	HZ6UKB	Yes	Yes	No	Yes

TABLE 5

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
J4XDYE	Yes	Yes	No	Yes	LRZJU4	Yes	Yes	No	Yes
JBHBR9	Yes	Yes	No	Yes	LULTVA	Yes	Yes	No	Yes
JDJG6T	Yes	Yes	No	Yes	M44YZC	Yes	Yes	No	Yes
JDQGDA	No	Yes	Yes	Yes	M7BJ4Y	Yes	Yes	No	Yes
JDQVQP	Yes	Yes	No	Yes	M7R9CY	Yes	Yes	No	Yes
JFRK3B	Yes	Yes	No	Yes	M9JAEF	Yes	Yes	No	Yes
JGKP94	Yes	Yes	No	Yes	M9LWVU	Yes	Yes	No	Yes
JWV7HQ	Yes	Yes	No	Yes	MJHZYN	Yes	Yes	No	Yes
JXAJ99	Yes	Yes	No	Yes	MNCYCX	Yes	Yes	No	Yes
JXWRHD	Yes	Yes	No	Yes	MP4VZR	Yes	Yes	No	Yes
JYKCZ3	Yes	Yes	No	Yes	MQJ8M4	Yes	Yes	No	Yes
K3JDBJ	Yes	Yes	No	Yes	MT3YGG	Yes	Yes	No	Yes
K8EZBY	Yes	Yes	No	Yes	N8KCP7	Yes	Yes	No	Yes
K934TR	Yes	Yes	No	Yes	ND6LN3	Yes	Yes	No	Yes
K9Q7L2	Yes	Yes	No	Yes	NJF8Q2	Yes	Yes	No	Yes
KG3PEE	Yes	Yes	No	Yes	NK9R46	Yes	Yes	No	Yes
KLBAWJ	Yes	Yes	No	Yes	NMYMB8	Yes	Yes	No	Yes
KLUMB4	Yes	Yes	No	Yes	NRPY9P	Yes	Yes	No	Yes
KRJ8EJ	Yes	Yes	No	Yes	NRQZPG	Yes	Yes	No	Yes
KV3UZW	Yes	Yes	No	Yes	NUDQ28	Yes	Yes	No	Yes
L96KEA	Yes	Yes	No	Yes	NVPYX8	Yes	Yes	No	Yes
LACVBD	Yes	Yes	No	Yes	NVTURR	Yes	Yes	No	Yes
LB9FWR	Yes	Yes	No	Yes	NYNDKX	Yes	Yes	No	Yes
LBPCM7	Yes	Yes	No	Yes	P78AC7	Yes	Yes	No	Yes
LDU6EJ	Yes	Yes	No	Yes	PFDN3T	Yes	Yes	No	Yes
LET4XR	Yes	Yes	No	Yes	PFPKAJ	Yes	Yes	No	Yes
LFKTRR	Yes	Yes	No	Yes	PHHQXG	Yes	Yes	No	Yes
LQLMCX	Yes	Yes	No	Yes	PKM8FL	Yes	Yes	No	Yes
LRV4H3	Yes	Yes	No	Yes	PUTNXY	Yes	Yes	No	Yes

TABLE 5

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
PV6V8Y	Yes	Yes	No	Yes	T62ZRB	Yes	Yes	No	Yes
PVL8P6	Yes	Yes	No	Yes	T7QL3D	Yes	Yes	No	Yes
PWD72H	Yes	Yes	No	Yes	TD86FL	Yes	Yes	No	Yes
PWJFXN	Yes	Yes	No	Yes	TGA3QE	Yes	Yes	No	Yes
PX7L6L	Yes	Yes	No	Yes	TJ2V9C	Yes	Yes	No	Yes
PY8RXU	Yes	Yes	No	Yes	TJYA9P	Yes	Yes	No	Yes
Q4WLC7	Yes	Yes	No	Yes	TL9PVH	Yes	Yes	No	Yes
Q4XNX6	Yes	Yes	No	Yes	TQG68R	Yes	Yes	No	Yes
Q7HDFW	Yes	Yes	No	Yes	TQZL88	Yes	Yes	No	Yes
Q98AWH	Yes	Yes	No	Yes	TRB932	Yes	Yes	No	Yes
Q9M8WE	Yes	Yes	No	Yes	TXKGCH	Yes	Yes	No	Yes
QAZKR3	Yes	Yes	No	Yes	TYAKRP	Yes	Yes	No	Yes
QER4FE	Yes	Yes	No	Yes	TZLPE8	Yes	Yes	No	Yes
QFLRYA	Yes	Yes	No	Yes	U2F6FP	Yes	Yes	No	Yes
QGH3YJ	Yes	Yes	No	Yes	U2WJJT	Yes	Yes	No	Yes
QGHVKC	Yes	Yes	No	Yes	U7PT3K	Yes	Yes	No	Yes
QGKNY6	Yes	Yes	No	Yes	U9YWUB	Yes	Yes	No	Yes
QHVZLV	Yes	Yes	No	Yes	UCDPV	Yes	Yes	No	Yes
QJ9AGU	Yes	Yes	No	Yes	UDBYMY	Yes	Yes	No	Yes
QJNL2K	No Interp	No Interp	No Interp	No Interp	UFH4E2	Yes	Yes	No	Yes
QLT9FB	No Interpretations Reported, DNA Analyzed for Database purposes only.				UPLEMC	Yes	Yes	No	Yes
QU69AL	Yes	Yes	No	Yes	UR47LE	Yes	Yes	No	Yes
QVXQ3U	Yes	Yes	No	Yes	URP8FP	Yes	Yes	No	Yes
R7Y7CC	Yes	Yes	No	Yes	UUCQKT	Yes	Yes	No	Yes
RFKKPA	Yes	Yes	No	Yes	V4G39B	Yes	Yes	No	Yes
RLQQAY	Yes	Yes	No	Yes	V7P768	No Interpretations Reported, DNA Analyzed for Database purposes only.			
RRD42U	Yes	Yes	No	Yes	V8VQT8	No Interpretations Reported, DNA Analyzed for Database purposes only.			
RZT99D	Yes	Yes	No	Yes	VBZGX2	Yes	Yes	No	Yes
T62X38	Yes	Yes	No	Yes	VEGNJF	Yes	Yes	No	Yes

TABLE 5

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
VKLG3F	Yes	Yes	No	Yes	YH9UNV	Yes	Yes	No	Yes
VLXRE4	Yes	Yes	No	Yes	YLPR8Y	Yes	Yes	No	Yes
VWCG3T	Yes	Yes	No	Yes	YVU2C4	Yes	Yes	No	Yes
VZX4VF	Yes	Yes	No	Yes	YX4E86	Yes	Yes	No	Yes
VZZT66	Yes	Yes	No	Yes	Z3NWXL	Yes	Yes	No	Yes
W66WK6	Yes	Yes	No	Yes	Z6VC9X	Yes	Yes	No	Yes
W96UNP	Yes	Yes	No	Yes	Z7MEUR	Yes	Yes	No	Yes
WF947W	Yes	Yes	No	Yes	ZAQ3DN	Yes	Yes	No	Yes
WGZ3HA	Yes	Yes	No	Yes	ZGPC32	Yes	Yes	No	Yes
WM84UK	Yes	Yes	No	Yes	ZRL767	Yes	Yes	No	Yes
WPV7NR	Yes	Yes	No	Yes	ZTHY9W	Yes	Yes	No	Yes
WQMTUM	Yes	Yes	No	Yes	ZWH6PN	Yes	Yes	No	Yes
WU3QCN	Yes	Yes	No	Yes	ZWXQYP	Yes	Yes	No	Yes
WUQWU4	Yes	Yes	No	Yes					
WWE77P	Yes	Yes	No	Yes					
WX6KEZ	Yes	Yes	No	Yes					
WXAUKE	Yes	Yes	No	Yes					
WYZKJL	Yes	Yes	No	Yes					
X7G7W3	No Interpretations Reported, DNA Analyzed for Database purposes only.								
X8QZT3	Yes	Yes	No	Yes					
XAERLK	Yes	Yes	No	Yes					
XJ2TZ9	Yes	Yes	No	Yes					
XJKAKH	Yes	Yes	No	Yes					
XQLQQG	Yes	Yes	No	Yes					
XRV7DA	Yes	Yes	No	Yes					
XW9BZP	Yes	Yes	No	Yes					
Y47KL8	Yes	Yes	No	Yes					
Y79JWZ	Yes	Yes	No	Yes					
YBM7MY	Yes	Yes	No	Yes					

DNA Interpretation**Response Summary****Participants reporting DNA results: 327**

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	315	316	1	316
No	1	0	315	0
Inc	0	0	0	0
No Interpretation	2	2	2	2
No Response	2	2	2	2

Participants analyzing DNA for database purposes only: 7

Additional Comments

TABLE 6

WebCode	Additional Comments
2LGYEL	The Globalfiler kit used to generate the autosomal STR results and the Yfiler Plus kit utilized to generate the Y-STR results overlap at DYS391. The results at this locus between the two kits are the same.
2U94W9	Proficiency participant is serving as a supervised analyst and does not make interpretations. For this reason, the DNA Interpretation section has intentionally been left blank.
2UEPZW	Probabilistic Genotyping Software, STRmix, was used for interpretation.
38BKBU	The probabilistic genotyping software STRmix, was used for all DNA interpretation.
3JPK3G	Item 3 D19S433 the 13.2 allele is located in a known artifact n-2 base position, is also in a forward stutter position. The 13.2 allele RFU is too high to only be attributed to artifact. The profile was assessed under two assumptions - true artifact and true allele.
3M4PQX	Item 4 contains both autosomal and Y-STR profiles consistent with both the victim and the suspect. The victim's autosomal profile is present in Item 3. A second autosomal STR profile was also detected in Item 3. This second profile does not correspond to the suspect nor to any laboratory staff member. A single Y-STR profile was obtained in the extract from this Item. This profile is identical to the profile of the Victim at the loci tested. This is consistent with an interpretation that the second autosomal contributor is either (a) female; or (b) another male with the same paternal lineage as that of the victim.
3PBHMX	Screening only was performed for this participant; no DNA testing was performed.
3QQWYE	A qualified forensic biologist performed all screening tests. Y-STRs - results concordant b/w Yfiler & Fusion 6C results.
4FKLGA	PSA testing was performed on items 3 and 4 to determine if the samples should be sent for a differential or non-differential extraction. Items 3 and 4 tested negative for PSA and were sent for non-differential extractions.
62J8UL	Probabilistic genotyping (STRmix) used for data analysis with stutter peaks filtered.
6QK2TD	Screening tests performed by Forensic Biologist.
6QX4N8	In order to determine whether to take a sample differential or non-differential, Prostate Specific Antigen (PSA) testing was performed by a qualified serologist on items 3.1 and 4.1.
6XEWGH	NT = Not Tested
76RAV8	PSA and RSID tests were performed to determine which extraction type was to be used. INC indicates that possible allelic activity was observed below the laboratory's analytical threshold so there may be dropout occurring
79EEJQ	Data generated by [Laboratory] and technically reviewed by [Laboratory] contractor. Data entered to CTS portal by [Laboratory] Technical Leader.
7HZHLJ	Powerplex Y23 sample processing was conducted on the following items: Items 1, 2, 3 and 4. Y-STR analysis and interpretation was not conducted.
7VCN2R	The probabilistic genotyping software, STR mix, was used for DNA interpretation.
7XVV6L	Results were consistent across kits.
8GQ6VN	This Proficiency Test was conducted by [Name], a laboratory technician who is not trained on data interpretation. Allele calls were entered by a DNA analyst for reporting purposes only and no data interpretation was performed.

TABLE 6

WebCode	Additional Comments
8PFNUA	The GlobalFiler STR data reported at locus D2S441 for Item 3 is based upon a binary mixture interpretation which included a peak in the "9" position. The 9 allele was originally filtered as stutter but included in the mixture interpretation as a possible allele, resulting in 10,10 and 9,10 possible genotypes for one of the contributors. Therefore, the 9 allele is included in the table on page 5 [Table 2]. Similarly, the GlobalFiler STR data reported at D2S1338 for Item 3 included peaks in the "17" and "23" positions. The 17 and 23 alleles were originally filtered as stutter but included in the mixture interpretation as possible alleles, resulting in 17,18, 17,24, 18,18, 18,23, 18,24, 23,24, and 24,24 as possible genotypes for one of the contributors. Therefore, the 17 and 23 alleles are included in the table on page 5 [Table 2].
9DXVW8	Probabilistic genotyping (STRmix) used for data analysis.
9MPCLB	1. Item 1 and Item 2 were extracted in-situ and directly amplified using the Identifiler Direct-STR Kit. 2. Item 3 and Item 4 were extracted using Chelex Method, quantified using the Quantifiler Human DNA Quantification kit and amplified using Identifiler Plus-STR Kit. 3. Y-STR was carried out for Item 1, Item 2, Item 3 and Item 4 using the AmpFiSTR Y-Filer kit. 4. Minifiler was carried out for Item 3 and Item 4 using the AmpFiSTR Minifiler kit. 5. Electrophoresis was carried out for Item 1, Item 2, Item 3 and Item 4 using 3130xl Genetic Analyzer. 6. Reagent blank, Positive Control and Negative Control were also incorporated throughout the analysis and gave correct designated results.
AMKNTG	The three Y-STR loci that overlap between Fusion 6C and PPY23 have concordant results for all items tested with both amplification kits.
B2KMHY	Only performed body fluid identification on this exam.
BKCUQP	Analyst is only qualified in serology, DNA extraction, and DNA quantitation. Therefore only Kastle-Meyer, extraction, and quantitation were conducted.
BMFQVQ	Item 3: type 16 @ D1S1656 is probable combined n+4/n-4 stutter and not used for comparisons.
CJCFU4	Serology Only CTS.
CMEGUZ	This proficiency is to test itemization and y-screening only.
DKMAXM	Overlapping YSTR locus (DYS 391) in Yfiler and PPF6C concordant.
DMUPAZ	Analysis of sexual assaults is not within the scope of the laboratory services. Therefore, no sexual assault screening tests or differential extractions were performed in the completion of this proficiency test. The [Laboratory] does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples.
EAX9QC	For items 1, 2, 3, and 4: Both PowerPlex Fusion 5C and PowerPlex Y23 overlap with the DYS391 locus.
EM8B62	Item 4 (suspect's pants) had a 21 allele at D18S51 that is elevated/combined stutter (n+4/n-4). Probabilistic genotyping (STRmix) was used for data analysis.
ER3F7E	Y indel results on all items were obtained from the Globalfiler amplification kit.
ERECD4	The GlobalFiler STR data reported at locus D2S1338 for item 3 is based upon a binary mixture interpretation, which includes peaks in stutter positions. The 17 and 23 alleles were originally filtered as stutter but included in the mixture interpretation as possible alleles, resulting in the following possible genotypes for one contributor to the mixture: 17,18 and 17,23 and 17,24 and 18,23 and 23,24. This report includes all possible alleles for all interpreted genotypes, and therefore, the 17 and 23 alleles are included in the table on page 5 [Table 2]. Note that such results are expected to enhance the ability of the analyst to make accurate inclusionary and exclusionary statements.

TABLE 6

WebCode	Additional Comments
FE8GX9	The GlobalFiler kit used to generate the autosomal STR results and the YFiler Plus kit used to generate the Y-STR results overlap at DYS391. The results at this locus between the two kits are the same.
FKW2Y3	The GlobalFiler STR data reported at locus D16S539 for item 3 is based upon a binary mixture interpretation, which included a peak in the 11 position. The 11 allele was originally filtered as stutter but included in the mixture interpretation as a possible allele, resulting in 11,13 as one possible genotype for one of the contributors to this mixture. This report includes all possible alleles for all interpreted genotypes, and therefore, the 11 allele is included in the table on page 5 [Table 2]. Note that such results are expected to enhance the ability of the analyst to make accurate inclusionary and exclusionary statements. The GlobalFiler STR data reported at locus D2S1338 for item 3 is based upon a binary mixture interpretation, which included a peak in the 17 position and a peak in the 23 position. The 17 and 23 alleles were originally filtered as stutter but included in the mixture interpretation as possible alleles, resulting in 17,18, 17,24, 18,23, and 23,24 as possible genotypes for one of the contributors to this mixture. This report includes all possible alleles for all interpreted genotypes, and therefore, the 17 allele and the 23 allele are included in the table on page 5 [Table 2]. Note that such results are expected to enhance the ability of the analyst to make accurate inclusionary and exclusionary statements.
FPW6XG	Data generated by [Laboratory] and technically reviewed by [Laboratory] contractor. Data entered to CTS portal by [Laboratory] Technical Leader.
FRW6KE	The serology portion of this proficiency test was conducted by [Name]. Serology results were entered by a DNA analyst for reporting purposes only. The DNA portion of this proficiency test was conducted by [Name], a laboratory technician who is not trained on data interpretation. Allele calls were entered by a DNA analyst for reporting purposes only and no data interpretation was performed.
FTA38P	The results obtained and presented in this report were generated following lab procedures, however, of the results presented here I am not authorised to report the following in case work: any seminal and saliva tests.
GB7XBZ	Serological testing performed by member of the Forensic Biology unit. All areas of overlap between Yfiler and Fusion 6C were concordant.
GZ6YCL	1. The questioned stain marked with "Item 3" revealed the presence of human blood. The results obtained from questioned stain marked with "Item 3" indicate that the genetic material is a mixture i.e. it is derived from at least two persons (including one male or two men related to each other in the male line). In this mixture can exclude the presence of genetic material of a man, which the material was taken as a male suspect marked with "Item 2". The questioned stain may be a mixture genetic material of man, which the material was taken as male victim marked with "Item 1" and the unknown person. 2. The questioned stain marked with "Item 4" revealed the presence of human blood. The results obtained from questioned stain marked with "Item 4" indicate that the genetic material is a mixture i.e. it is derived from at least two persons (including at least two male). The questioned stain may be a mixture genetic material of man, which the material was taken as male victim marked with "Item 1" and the man, which the material was taken as male suspect marked with "Item 2".
H2DEJR	The mixed DNA profile obtained from item 4 consists of two significant contributors and additional low level traces of DNA which are commensurate with background levels of DNA. The victim's DNA profile is fully represented within this mixture and by taking any contribution from him into account, it is possible to derive a DNA profile for the other significant contributor to the mixture, which can also be attributed to a male individual.
H42DQF	The probabilistic genotyping software, STRmix, was used for DNA interpretation.
H7QCQE	1- The genetic profile for item (1) refers to single male (victim). 2- The genetic profile for item (2) refers to single male (suspect). 3- Item (3) which was a questioned stain on the suspect's pants tested positive blood refers to the victim and unknown person not the suspect. 4- Item (4) which was a questioned stain on the suspect's shirt tested positive blood refers to the victim and the suspect. 5- Additional Y-STR testing was carried out to confirm the results.

TABLE 6

WebCode	Additional Comments
HMUG6W	Note: Item 3 -- elevated peak detected in position 24 at FGA above the stutter filter value; deemed inconclusive as to possible high stutter
K3JDBJ	The 16 allele at D1S1656 detected from Item 3 may be an artifact but exceeds the laboratory interpretation guideline.
KV3UZW	#1, 2, 3, 4: Concordant results at overlapping Y-STR locus DYS391 in both Yfiler and F6C kit. #1, 2: Concordant results with F6C and F6C Direct.
L7M94D	This proficiency is to test itemization and y-screening only.
LET4XR	Analysis of sexual assaults is not within the scope of the laboratory services. Therefore, no sexual assault screening tests or differential extractions were performed in the completion of this proficiency test. The [Laboratory] does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples.
M9LWVU	Screening tests performed by analyst in Forensic Biology Unit. DYS391 concordant between Yfiler and Fusion 6C.
MQJ8M4	item 3 was a two person mixture where one component could have come from item 1 and the second component was likely to be female. item 4 was a two person mixture consistent with being a mixture of DNA from item 1 and item 2.
MT3YGZ	n/t = not tested
MWJT9C	This test is being submitted for serology/stain identification only.
NJF8Q2	A 21 allele in stutter position was observed at D18 in Items 1, 3 and 4. It was recorded as possible elevated stutter in each sample and ranged from ~15.5% to ~16% of the corresponding 22 allele.
NRQZPG	Item 3 at D1S1656 locus 16 allele also detected; however, has lower peak height than all other types detected at that locus. Possible shouldering from 15.3 allele or elevated stutter from 17 allele.
NVTURR	Forensic Biology analyst performed body fluid testing. DNA analyst performed KM testing on item 3. YFiler and Fusion 6C overlapping locus concordant.
NYNDKX	Mixture profiles obtained from Item 3 and Item 4. Item 3: victim read into mixture profile and suspect is excluded. Item 4: victim and suspect are read into mixture profile.
PFPKAJ	Item 3 and Item 4 were extracted by using Chelex.
PVL8P6	In Item 3, a [16] allele at D1S1656 was re-labeled as [INC] due to peak morphology.
PWD72H	A possible stutter or tri-allele peak was detected at D7S820 for both Item 3 and Item 4. (D7S820: 13)
Q4WLC7	Probabilistic genotyping software, STRmix, was used for interpretation.
Q7HDFW	There may be forward stutter (allele 13) at locus D16 in the STR results for item 3.
Q98AWH	Item 1, Item 2, Item 3 and Item 4 were extracted using organic extraction (phenol-chloroform method). Extracted DNA samples were amplified using Amplified Biosystem AmpFLSTR Identifier Plus (STR) and Yfiler (STR) kits. Separation and detection of amplified products were performed using Applied Biosystems 3500xL Genetic Analyzer and analysis was carried out by GeneMapper ID-X Software 1.5.
QAZKR3	The results obtained and presented in this report were generated following laboratory procedures, however of the results presented here I am not authorised to report on hematrace in casework.

TABLE 6

WebCode	Additional Comments
QGKNY6	Due to ongoing inhibition issues with CTS samples, swabs were utilized to collect portions of the stains for DNA analysis. Therefore, a number one was added to items 3 and 4 (as item 3-1 and 4-1 respectively) for purposes of processing and reporting of the samples.
QJNL2K	Qualified for labwork - not DNA interpretation of results.
T62ZRB	The GlobalFiler STR data reported for locus D2S1338 for item 3 is based upon a binary mixture interpretation which included peaks in the 17 and 23 positions. These peaks were originally filtered as stutter but included in the mixture interpretation as possible alleles for the following genotypes for one of the contributors: 17,18 and 17,24 and 18,23 and 23,24. Therefore, the 17 and 23 alleles are included in the table on page 5 [Table 2].
TQG68R	At [Laboratory] we just perform a visual inspection for hair to be removed (item 3 & 4).
TZLPE8	Item 3 - estimated mixture ratio 59:41. Extremely strong support for inclusion: Victim (59% contributor). Excluded - Suspect. Item 4 - estimated mixture ratio 56:44. Extremely strong support for inclusion: Victim (56% contributor). Extremely strong support for inclusion: Suspect (44% contributor)
U2F6FP	1) Item 1 and Item 2 were extracted using the in-situ extraction method. 2) Item 3 and Item 4 were extracted using the DNA IQ kit on Tecan Freedom Evo 150 and quantification was carried out using the Quantifiler Human DNA Quantification kit. 3) Item 1 and Item 2 were amplified using Identifiler Direct STR kit and electrophoresis was carried out using 3500xl Genetic Analyzer. 4) Item 3 and Item 4 were amplified using Identifiler Plus STR kit and electrophoresis was carried out using 3500xl Genetic Analyzer. 5) Item 3 and Item 4 were further amplified using the AmpFLSTR Minifiler kit and electrophoresis was carried out using 3130xl Genetic Analyzer. 6) Y-STR was carried out for Item 1, Item 2, Item 3 and Item 4 using the AmpFLSTR Y-Filer kit and 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.
UR47LE	1) In-situ extraction method was used to extract DNA from Item 1 and Item 2. 2) Chelex extraction method was used to extract DNA from Item 3 and Item 4. 3) DNA quantitation was carried out using the Quantifiler Human DNA Quantification Kit with Applied Biosystems Real Time Polymerase Chain Reaction (PCR) 7500 System. 4) Amplification of STR (Short Tandem 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.
URP8FP	Screening: provided background did not indicate sexual assault. AP tested as presumptive screening only. Micro - for confirmation of semen - was not conducted given history and negative AP.
UUCQKT	The Globalfiler kit used to generate the autosomal STR results and the Yfiler Plus kit utilized to generate the Y-STR results overlap at DYS391. The results at this locus between the two kits is the same. Stutter filters are established by the laboratory based on validation data and used to filter stutter during examiner analysis. Additionally, the laboratory utilizes a probabilistic genotyping software for data interpretation which models stutter during its probabilistic analysis of the data. Elevated stutter peaks which are above the stutter filters established by the laboratory during the validation may still occur but are handled probabilistically during interpretation by the software. The results for this test contain 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: Item 4 - 23 allele at SE33.
VBZGX2	Using probabilistic genotyping with STRmix software.
VTBV34	This proficiency is to test itemization and y-screening only.
VWCG3T	The Globalfiler kit used to generate the autosomal STR results and the Yfiler Plus kit utilized to generate the Y-STR results overlap at DYS391. The results at this locus between the two kits is the same.

TABLE 6

WebCode	Additional Comments
WGZ3HA	1. Item 1 and Item 2 were extracted using in-situ extraction method. 2. Item 3 and Item 4 were extracted using Chelex method and quantification was carried out using the Quantifiler Human DNA Quantification kit. 3. Item 1 and Item 2 were amplified using Identifiler Direct STR kit and electrophoresis was carried out using 3500xl Genetic Analyzer. 4. Item 3 and Item 4 were amplified using Identifiler Plus STR kit and electrophoresis was carried out using 3130xl Genetic Analyzer. 5. Y-STR was carried out for Item 1, Item 2, Item 3 and Item 4 using the AmpFLSTR Y-Filer kit and electrophoresis was carried out using 3130xl Genetic Analyzer. 6. Minifiler was carried out for Item 3 and Item 4 using the AmpFLSTR Minifiler kit and 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.
WM84UK	In sample 3 at the D22S1045 locus there was n+3 stutter at 6.8%. Probabilistic genotyping (STRmix) was used for data analysis with stutter filters off.
WPV7NR	The Globalfiler kit used to generate the autosomal STR results and the Yfiler Plus kit utilized to generate the Y-STR results overlap at DYS391. The results at this locus between the two kits is the same.
WQMTUM	1. Item 1 and Item 2 were extracted using in-situ method. 2. Item 3 and Item 4 were extracted using the DNA IQ kit on TECAN Freedom Evo 150 and quantified using the Quantifiler Human DNA Quantification Kit. 3. Y-STR analysis was carried on Item 1, Item 2 and Item 3 and Item 4 using the AmpFSTR Y-Filer kit. Electrophoresis were carried out using Applied Biosystem 3130xL Genetic Analyzer. 5. Item 1 and Item 2 were amplified using Identifiler Direct STR Kit and electrophoresis was carried out using 3500xL Genetic Analyzer. 6. Item 3 and Item 4 were amplified using Identifiler Plus STR Kit and electrophoresis was carried out using 3130xL Genetic Analyzer. 7. Reagent blank, positive and negative control were carried out along with the analysis and gave correct designated result.
WUQWU4	Item 3: Questioned stain from the suspect's pants (Lab ID# 3): Assumed number of contributors: 2 (estimated mixture ratio 58:42). Extremely strong support for inclusion: Victim (58%). Excluded: Suspect. Item 4: Questioned stain from suspect's shirt (Lab ID# 4): Assumed number of contributors: 2 (estimated mixture ratio 59:41). Assumed contributor: Suspect (59%). Extremely strong support for inclusion: Victim (41%)
YVU2C4	DYS 391 is concordant for both individuals across both kits, Fusion and YFiler.

Appendix: Data Sheet

Collaborative Testing Services ~ Forensic Testing Program

Test No. 17-5706: Forensic Biology

DATA MUST BE RECEIVED BY December 18, 2017 TO BE INCLUDED IN THE REPORT

Participant Code:

WebCode:

Accreditation Release Statement

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

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

Scenario:

Police are investigating the stabbing of a male victim at a bus stop. The victim claims that while waiting for a bus he was tackled to the ground by the suspect, after which a scuffle ensued and the assailant stabbed the victim several times. The assailant then attempted to flee but was tripped by the victim, causing him to fall, injuring his nose and rendering him unconscious. Police officers arrived at the scene soon after and the suspect was taken into custody. Investigators are submitting stains from the pants (Item 3) and shirt (Item 4) collected from the suspect along with known blood samples from the male victim (Item 1) and male suspect (Item 2).

Items Submitted (Sample Pack B6):

- Item 1: Known blood from the male victim
- Item 2: Known blood from the male suspect
- Item 3: Questioned stain from the suspect's pants (grey)
- Item 4: Questioned stain from the suspect's shirt (yellow)

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).

Example	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818	
A	<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	[10],[11],12,13	15,[16],17	8,17	[11],12,13	7,14,15	8,11,13	

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

The data sheet has been updated to account for loci covered in newer amplifications kits.

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

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

Additional DNA Results:

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

	Item 1	Item 2	Item 3	Item 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"/>	<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: Please check the brands used for this item and record only additional kit specific information in the blank provided (i.e. 16, Direct, etc.).

Identifiler® _____
 PowerPlex® _____
 Investigator® 24plex _____

GlobalFiler™ _____
 COfiler®/Profiler Plus® _____
 ForenSeq™ Other _____

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

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

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

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

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

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

Yfiler® _____
 PowerPlex® Fusion _____
 Investigator® 24plex _____

PowerPlex® Y _____
 GlobalFiler™ _____
 ForenSeq™ Other _____

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

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

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

Please return all pages of this data sheet.

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

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

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

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

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

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

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

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

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

Yfiler® _____
 PowerPlex® Fusion _____
 Investigator® 24plex _____
 PowerPlex® Y _____
 GlobalFiler™ _____
 ForenSeq™ Other _____

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

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

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

Please return all pages of this data sheet.

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

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

Identifiler® _____
 PowerPlex® _____
 Investigator® 24plex _____

GlobalFiler™ _____
 COfiler®/Profiler Plus® _____
 ForenSeq™ _____
 Other _____

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

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

Yfiler® _____
 PowerPlex® Fusion _____
 Investigator® 24plex _____

PowerPlex® Y _____
 GlobalFiler™ _____
 ForenSeq™ _____
 Other _____

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

Please return all pages of this data sheet.

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

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

Identifiler® _____
 PowerPlex® _____
 Investigator® 24plex _____

GlobalFiler™ _____
 COfiler®/Profiler Plus® _____
 ForenSeq™ _____
 Other _____

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

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

Yfiler® _____
 PowerPlex® Fusion _____
 Investigator® 24plex _____

PowerPlex® Y _____
 GlobalFiler™ _____
 ForenSeq™ _____
 Other _____

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

Please return all pages of this data sheet.

Part III: DNA INTERPRETATION

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

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

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

Part IV: ADDITIONAL COMMENTS

Comments regarding any part of this Forensic Biology Test.

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

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

Return Instructions: Data must be received via online data entry, fax (please include a cover sheet), or mail by <i>December 18, 2017</i> to be included in the report. Emailed data sheets are not accepted.		ONLINE DATA ENTRY: www.cts-portal.com
QUESTION?		FAX: +1-571-434-1937
TEL: +1-571-434-1925 (8 am - 4:30 pm EST)		MAIL: Collaborative Testing Services, Inc.
EMAIL: forensics@cts-interlab.com		P.O. Box 650820
www.ctsforensics.com		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. **17-5706: Forensic Biology**

This release page must be completed and received by **December 18, 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	
<u>Return Instructions</u>	
<i>Please submit the completed Accreditation Release at the same time as your full data sheet. See Data Sheet Return Instructions on the previous page.</i>	<i>Questions? Contact us 8 am-4:30 pm EST Telephone: +1-571-434-1925 email: forensics@cts-interlab.com</i>

Please return all pages of this data sheet.