



DNA Database - Saliva Test No. 22-5843/4/5 Summary Report

Each participant received a sample pack consisting of three buccal saliva standards which they were requested to analyze using their existing protocols. Data were returned from 186 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 set consisted of a collection of known buccal cells from three individuals (Items 1-3), provided on either FTA™ Indicating Micro Cards, Bode Buccal® DNA Collectors, or Puritan® Cap-Shure® swabs. Participants were requested to analyze these items using their existing protocols.

SAMPLE PREPARATION: All substrates were prepared from human buccal cheek cells suspended in sterile phosphate-buffered saline solution. The FTA™ Indicating Micro Cards were spotted with 120 µl of the cell suspension, the Bode Buccal® DNA Collectors were spotted with 200 µl of the cell suspension, and the Puritan® Cap-Shure® swabs were spotted with 125 µl of the cell suspension. Item 1 was created using a female donor and Items 2 and 3 were created using two different male donors. The Items were prepared at separate times and were packaged once they were thoroughly dried. Completed sample sets were stored at -20°C until shipment on July 25, 2022.

SAMPLE SET ASSEMBLY: Each item was packed into a pre-labeled item envelope. For each sample set, Items 1, 2, and 3 of the same substrate type were placed into a pre-labeled sample pack envelope and sealed. The sealed sample pack envelopes were then packaged in pre-labeled Heat Seal envelopes and sealed. This process was repeated until all of the sample sets were prepared.

VERIFICATION: Laboratories that conducted predistribution analysis of the samples reported consistent allelic results across all three substrates.

Key to Test Substrates

5843 - FTA™ Indicating Micro Card

5844 - Bode Buccal® Collectors

5845 - Puritan® Cap-Shure® Swabs

Manufacturer's Information, continued

Amelogenin and STR Results

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

Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
1	12,12	20,24	11,11	14,18	11,12	14,21.3
	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24	11,15	10,12	19.2,31.2	6,8	8,10
	16,17	NM	NM	NM	NM	
2	15,17.3	17,17	11,11	14,17	12,13	13,19
	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21	12,12	7,11	18,18	6,7	9,11
	14,16	11	17	17	2	
3	13,17.3	18,26	11,11	17,18	11,11	11,12
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21	13,13	7,12	21.2,30.2	6,7	8,11
	17,17	10	19	17	2	

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
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
2	*	14	11,14	13	29	23	11	13	13
	15	12	11	19	*	17	17	*	22
	*	12	12	17	17	*	23	10	11
3	*	14	14,15	12	28	23	10	11	13
	16	10	12	20	*	14	16	*	26
	*	11	12	19	17	*	22	12	11

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

NM - Non-Male profile, YSTR results not expected.

Summary Comments

The DNA Database - Saliva tests were designed to allow participants to assess their proficiency in the analysis of buccal samples by means of DNA profiling. Each sample pack consisted of one of three buccal collection substrates: FTA™ Indicating Micro Cards, Bode Buccal® DNA Collectors, and Puritan® Cap-Shure® swabs. Item 1 was created using a female donor, and Items 2 and 3 were each created using a male donor. (See Manufacturer's Information for preparation details)

Of the STR results returned, eight participants reported results that differed from the consensus/predistribution testing results.

All participants that reported YSTR results were consistent with the consensus/predistribution testing results.

Twenty-eight participants (~15%) reported in their additional comments that they were unable to obtain full profiles from one or more items. A trend was identified with a majority of participants reporting difficulty obtaining a complete profile from Item 3 on the Puritan® Cap-Shure® swab substrate. The most frequently reported kit used by these participants was ANDE Rapid DNA Testing kit followed by GlobalFiler™ Express.

STR Amplification Kit(s) & Results

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

22R8B8 - 5843	GlobalFiler™ Express					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	XX	10,12
	19,24			19.2,31.2	6,8	8,10
	16,17					
22XMDZ - 5845	GlobalFiler™ Express					
	12	20,24	11	14,18	11,12	
1		11,14	15,17	18,20	11,13	9,12
	16	11,13	29,30	15	X	
	19,24				6,8	
	16,17					
23PH7A - 5843	GlobalFiler™ Express					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	XX	10,12
	19,24			19.2,31.2	6,8	8,10
	16,17					
24YP3B - 5843	PowerPlex® Fusion 5C					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	XX	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17					
2H32QM - 5843	PowerPlex®					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	XX	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17					
33XCYP - 5845	PowerPlex® Fusion, PowerPlex® ESX 17					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	XX	10,12
	19,24	11,15	10,12	19.2,31.2	6,8	8,10
	16,17					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

3DEX7V - 5845	PowerPlex® Fusion 5C					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17					
3JPRLZ - 5843	GlobalFiler™ Express					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	XX	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
3JPXU8 - 5843	PowerPlex® Fusion 6C					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24	11,15	10,12	19,2,31.2	6,8	8,10
	16,17					
3LVDD8 - 5843	GlobalFiler™ Express					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	XX	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
3LXYQE - 5843	GlobalFiler™ Express					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	XX	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
3WYE4X - 5843	PowerPlex® Fusion 6C					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24	11,15	10,12	19,2,31.2	6,8	8,10
	16,17					
3XNVN7 - 5843	PowerPlex® Fusion 5C					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	XX	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

42RUTW - 5843	PowerPlex® Fusion 6C					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24	11,15	10,12	19,2,31.2	6,8	8,10
	16,17					
466Q7L - 5843	PowerPlex® Fusion 6C (M-FISys 11.09)					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24	11,15	10,12	19,2,31.2	6,8	8,10
	16,17					
48T7UV - 5844	PowerPlex® Fusion 6C					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24	11,15	10,12	19,2,31.2	6,8	8,10
	16,17	NR	NR	NR		
4BGG6M - 5843	PowerPlex®					
	12,12	20,24		14,18	11,12	14,21.3
1	10,11	11,14		18,20	11,13	9,12
	16,18	11,13	29,30		X,X	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17					
4ECFDQ - 5845	ANDE FlexPlex					
	12,12	20,24	11,11	14,18	11,12	14,21.3
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24		10,12	19,2,31.2	6,8	8,10
	16,17					
4FLJL9 - 5845	GlobalFiler™ Express					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
4LT2TN - 5843	PowerPlex® Fusion SYSTEM, ESX17 SYSTEM, CS7 SYSTEM, GlobalFiler™, VERIFILER Plus					
	12,12	20,24	11,11	14,18	11,12	14,21.3
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24	11,15	10,12	19,2,31.2	6,8	8,10
	16,17					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

4NDT36 - 5843	PowerPlex® Fusion 5C					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17					
4PWL8A - 5845	GlobalFiler™ Express					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
4Q9HEY - 5843	PowerPlex® Fusion5C					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17					
4X784Q - 5845	PowerPlex® Fusion					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17					
4X88UH - 5845	ANDE FlexPlex					
	12,12	20,24	11,11	14,18	11,12	14,21.3
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24		10,12	19,2,31.2	6,8	8,10
	16,17					
66KCD3 - 5844	GlobalFiler™					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
6B33EM - 5845	PowerPlex® Fusion					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

6CG8BZ - 5845	Identifiler® Plus					
		20,24		14,18	11,12	
1	10,11	11,14			11,13	9,12
	16,18	11,13	29,30		X	10,12
	19,24				6,8	8,10
	16,17					
6GTDPL - 5845	PowerPlex® Fusion SYSTEM, ESX17 SYSTEM, PPCS7 SYSTEM, GlobalFiler™, VERIFILER Plus					
	12,12	20,24	11,11	14,18	11,12	14,21.3
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	XX	10,12
	19,24	11,15	10,12	19.2,31.2	6,8	8,10
	16,17					
7B7QLT - 5843	PowerPlex® Fusion 6C					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24	11,15	10,12	19.2,31.2	6,8	8,10
	16,17					
7NURBM - 5845	PowerPlex® Fusion					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	XX	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17					
8K9BNL - 5845	ANDE					
	12,12	20,24	11,11	14,18	11,12	14,21.3
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	XX	10,12
	19,24		10,12	19.2,31.2	6,8	8,10
8KNWUG - 5843	PowerPlex® Fusion 5C					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	XX	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17					
8XEFM2 - 5843	GlobalFiler™ Express					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	XX	10,12
	19,24			19.2,31.2	6,8	8,10
	16,17					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

92VBTQ - 5843	PowerPlex® Fusion 5C					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17					
94WBW4 - 5843	PowerPlex® Fusion24					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	XX	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17					
98VLT4 - 5845	Identifiler® Plus					
		20,24		14,18	11,12	
1	10,11	11,14			11,13	9,12
	16,18	11,13	29,30		X	10,12
	19,24				6,8	8,10
	16,17					
9BUXTA - 5843	Identifiler® Plus					
		20,24		14,18	11,12	
1	10,11	11,14			11,13	9,12
	16,18	11,13	29,30		XX	10,12
	19,24				6,8	8,10
	16,17					
9C7UZZ - 5843	GlobalFiler™ Express					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	XX	10,12
	19,24			19.2,31.2	6,8	8,10
	16,17					
9CB64J - 5845	ANDE					
	12,12	20,24	11,11	14,18	11,12	14,21.3
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	XX	10,12
	19,24		10,12	19.2,31.2	6,8	8,10
	16,17					
9EFMB2 - 5843	PowerPlex® Fusion 5C					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	XX	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

9HEY7R - 5845	GlobalFiler™ Express					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
9QUN2U - 5843	PowerPlex® Fusion					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17					
A7EVAB - 5845	ANDE Flex-Plex					
	12	20,24	11	14,18	11,12	14,21.3
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24		10,12	19,2,31.2	6,8	8,10
AC48G2 - 5843	PowerPlex® Fusion 5C					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	XX	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17					
AX8YRZ - 5843	GlobalFiler™					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	XX	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
B89VUT - 5843	GlobalFiler™ Express					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	XX	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
BC239V - 5844	GlobalFiler™					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

BGJXFU - 5845		GlobalFiler™ Express				
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
BNTH86 - 5843		GlobalFiler™ Express, GlobalFiler				
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
BPD72K - 5843		GlobalFiler™ Express				
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
BPPWVX - 5843		GlobalFiler™ Express				
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
BYDVL3 - 5843		GlobalFiler™ Express				
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
CMFGP3 - 5845		GlobalFiler™ Express				
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
CW4DQ4 - 5843		PowerPlex® Fusion 5C				
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17					

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

D339Y3 - 5843		GlobalFiler™ Express				
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
D7RJ6M - 5845		GlobalFiler™ Express				
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
D9E6VP - 5843		PowerPlex® Fusion				
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17					
D9RTZW - 5843		PowerPlex® Fusion 5C				
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17					
DAN4Z7 - 5844		GlobalFiler™ Express				
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
DBF62N - 5845		PowerPlex® Fusion 6C				
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24	11,15	10,12	19,2,31.2	6,8	8,10
	16,17	No Results	No Results	No Results		
DBWDR4 - 5843		GlobalFiler™ Express				
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

DGBX9P - 5845		GlobalFiler™ Express				
1	12	20,24	11	14,18	11,12	
	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
DH6LQK - 5843						
1	12,12	20,24		14,18	11,12	14,21.3
	10,11	11,14		18,20	11,13	9,12
	16,18	11,13	29,30		XX	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17					
DRN3EL - 5843		GlobalFiler™				
1	12	20,24	11	14,18	11,12	
	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
DUTV6D - 5845		ANDE FlexPlex				
1	12,12	20,24	11,11	14,18	11,12	14,21.3
	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	XX	10,12
	19,24		10,12	19,2,31.2	6,8	8,10
	16,17					
DXXDCL - 5843		GlobalFiler™ Express				
1	12,12	20,24	11,11	14,18	11,12	
	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	XX	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
EA24K8 - 5845		ANDE FlexPlex				
1						
ED2A4J - 5843		GlobalFiler™				
1	12	20,24	11	14,18	11,12	
	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

EDJGXF - 5845		PowerPlex® Fusion				
1	12,12	20,24	11,11	14,18	11,12	
	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17					
EDMQJM - 5843		PowerPlex® Fusion 6C				
1	12,12	20,24	11,11	14,18	11,12	
	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24	11,15	10,12	19,2,31.2	6,8	8,10
	16,17					
EZZJKZ - 5845		GlobalFiler™ Express				
1	12	20,24	11	14,18	11,12	
	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
FBFNDH - 5845		PowerPlex® Fusion 6C				
1	12,12	20,24	11,11	14,18	11,12	
	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24	11,15	10,12	19,2,31.2	6,8	8,10
	16,17					
FCPZNR - 5843		GlobalFiler™				
1	12	20,24	11	14,18	11,12	
	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
FCQPYG - 5845		PowerPlex® Fusion 6C				
1	12,12	20,24	11,11	14,18	11,12	
	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24	11,15	10,12	19,2,31.2	6,8	8,10
	16,17					
FDHN8M - 5843		PowerPlex® Fusion 6C				
1	12,12	20,24	11,11	14,18	11,12	
	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24	11,15	10,12	19,2,31.2	6,8	8,10
	16,17					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

FMKZB4 - 5844	GlobalFiler™ Express					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
FPAERQ - 5843	NGM SElectExpress					
	12,12	20,24	11,11	14,18		
1		11,14	15,17	18,20		9,12
	16,18	11,13	29,30	15,15	X,X	
	19,24			19,2,31.2	6,8	
	16,17					
FQ8PMU - 5843	PowerPlex® Fusion 6C					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24	11,15	10,12	19,2,31.2	6,8	8,10
	16,17					
FYJLQF - 5845	ANDE FlexPlex					
	12,12	20,24	11,11	14,18	11,12	14,21.3
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24		10,12	19,2,31.2	6,8	8,10
	16,17					
FZWDKH - 5843	GlobalFiler™					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
G2MW2A - 5844	PowerPlex® Fusion 5C					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17					
G6NVG9 - 5843	PowerPlex®					
	12,12	20,24		14,18	11,12	14,21.3
1	10,11	11,14		18,20	11,13	9,12
	16,18	11,13	29,30		X,X	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17					

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

GMM3NE - 5845		ANDE FlexPlex				
	12	20,24	11	14,18	11,12	14,21.3
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24		10,12	19.2,31.2	6,8	8,10
	16,17					
H3CPAX - 5843		PowerPlex® Fusion 5C				
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	XX	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17					
H7BUWQ - 5845		PowerPlex® Fusion 5C				
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17	NR				
H7BV2W - 5843		GlobalFiler™ Express, GlobalFiler				
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	XX	10,12
	19,24			19.2,31.2	6,8	8,10
	16,17					
HBMRVX - 5843		PowerPlex® Fusion				
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	XX	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17					
HDAGQB - 5845		PowerPlex® Fusion 5C				
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	XX	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17					
HJWAZP - 5843		Investigator® 24plex GO!				
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24			19.2,31.2	6,8	8,10
	16,17					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

HJY26C - 5845	GlobalFiler™ Express					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
HJYY4M - 5845	Identifiler® Plus					
		20,24		14,18	11,12	
1	10,11	11,14			11,13	9,12
	16,18	11,13	29,30		X	10,12
	19,24				6,8	8,10
	16,17					
HQJ499 - 5844	PowerPlex® Fusion 5C					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17					
HWJE8L - 5845	Identifiler® Plus					
		20,24		14,18	11,12	
1	10,11	11,14			11,13	9,12
	16,18	11,13	29,30		X	10,12
	19,24				6,8	8,10
	16,17					
HXZJWC - 5845	ANDE FlexPlex					
	12,12	20,24	11,11	14,18	11,12	14,21.3
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	XX	10,12
	19,24		10,12	19,2,31.2	6,8	8,10
	16,17					
K7Y8CE - 5844	PowerPlex® Fusion 6C					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24	11,15	10,12	19,2,31.2	6,8	8,10
	16,17	NR	NR	NR		
L6ZGKP - 5843	GlobalFiler™ Express					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	XX	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

LNNEHC - 5845	GlobalFiler™					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
LQ469F - 5845	PowerPlex® Fusion 6C					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X,X	10,12
	19,24	11,15	10,12	19,2,31.2	6,8	8,10
	16,17	No Results	No Results	No Results		
LVHJBD - 5845	GlobalFiler™ Express					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
M47T3U - 5843	GlobalFiler™ Express					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
MAZUDA - 5845	GlobalFiler™ Express					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
MKGH89 - 5845	GlobalFiler™ Express					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
MKU92K - 5843	Investigator® 24plex GO!					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

MMX2X4 - 5843	PowerPlex® Fusion, ESX-17					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24	11,15	10,12	19,2,31.2	6,8	8,10
	16,17					
MMX2ZP - 5843	GlobalFiler™ Express					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
MQWDVP - 5843	GlobalFiler™ Express					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
MX4VJH - 5843	PowerPlex® Fusion5C					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17					
NDRKU6 - 5843	Investigator® 24plex GO!					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
NFZHLZ - 5843	PowerPlex® 5C					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17	NR				
NT396K - 5843	PowerPlex® Fusion 6C					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24	11,15	10,12	19,2,31.2	6,8	8,10
	16,17					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

NT6XAG - 5843	GlobalFiler™					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
NYXV3E - 5845	GlobalFiler™ Express					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
P2RBRN - 5843	PowerPlex® Fusion 5C					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	XX	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17					
P6RGDK - 5843	GlobalFiler™ Express					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	XX	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
PA8XVP - 5845	GlobalFiler™ Express					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
PCDDB9 - 5845	GlobalFiler™ Express					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
PD7CHF - 5843	PowerPlex® Fusion					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

PWMDE3 - 5844	PowerPlex® Fusion 5C					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17					
Q6Q46J - 5843	GlobalFiler™ Express, GLOBALFILER					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
Q6UEA3 - 5845	ANDE FlexPlex					
	12	20,24	11	14,18	11,12	14,21.3
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X,X	10,12
	19,24		10,12	19,2,31.2	6,8	8,10
	16,17					
Q7N3RX - 5843	PowerPlex® Fusion 5C					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17	NR				
QD37GC - 5843	PowerPlex® Fusion 6C					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24	11,15	10,12	19,2,31.2	6,8	8,10
	16,17					
QRMNB2 - 5844	PowerPlex® Fusion 5C					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17					
R6MPLG - 5843	PowerPlex® Fusion 6C					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24	11,15	10,12	19,2,31.2	6,8	8,10
	16,17					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

RC7VJN - 5843	GlobalFiler™ Express					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
RGKNF9 - 5843	GlobalFiler™ Express					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
RLPJ3N - 5843	GlobalFiler™ Express					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
RNLZC6 - 5845	GlobalFiler Express					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
RPTEMR - 5844	GlobalFiler™ Express					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
T7UDAL - 5843	GlobalFiler™ Express					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
T9723X - 5844	PowerPlex® Fusion 5C					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

TCVUJ7 - 5845	PowerPlex® Fusion 6C					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24	11,15	10,12	19.2,31.2	6,8	8,10
	16,17	NO RESULTS	NO RESULTS	NO RESULTS		
TJK8LE - 5843	GlobalFiler™ Express					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24			19.2,31.2	6,8	8,10
	16,17					
TJPHQX - 5845	ANDE FlexPlex					
	12,12	20,24	11,11	14,18	11,12	14,21.3
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24		10,12	19.2,31.2	6,8	8,10
	16,17					
TKCEW4 - 5845	GlobalFiler™, GlobalFiler Express					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24			19.2,31.2	6,8	8,10
	16,17					
TLPN8P - 5843	PowerPlex® Fusion 5C					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17					
TUZ2X8 - 5845	PowerPlex® Fusion 6C					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24	11,15	10,12	19.2,31.2	6,8	8,10
	16,17	no results	no results	no results		
TWTWV3 - 5845	PowerPlex® Fusion 6C					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24	11,15	10,12	19.2,31.2	6,8	8,10
	16,17					

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

TYFJL4 - 5843		GlobalFiler™				
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
TYU372 - 5845		ANDE Flex Plex				
	12,12	20,24	11,11	14,18	11,12	14,21.3
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	XX	10,12
	19,24		10,12	19,2,31.2	6,8	8,10
	16,17					
U488H2 - 5845		GlobalFiler™ Express, GlobalFiler™				
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
U6CQAH - 5843		PowerPlex® Fusion 5C				
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	XX	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17					
U6EETG - 5843		GlobalFiler™ Express				
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	XX	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
U88DW8 - 5843		PowerPlex® Fusion				
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17					
UADVYA - 5843		GlobalFiler™ Express				
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	XX	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

UKRVRW - 5844		PowerPlex® Fusion 5C				
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17					
URQGMD - 5845		Identifiler® Plus				
		20,24		14,18	11,12	
1	10,11	11,14			11,13	9,12
	16,18	11,13	29,30		X	10,12
	19,24				6,8	8,10
	16,17					
URT7RA - 5845		Identifiler® Plus				
		20,24		14,18	11,12	
1	10,11	11,14			11,13	9,12
	16,18	11,13	29,30		X	10,12
	19,24				6,8	8,10
	16,17					
UTZJBW - 5844		GlobalFiler™ 24				
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	XX	10,12
	19,24			19.2,31.2	6,8	8,10
	16,17	ND			ND	
VFVMPA - 5845		Identifiler® Plus				
		20,24		14,18	11,12	
1	10,11	11,14			11,13	9,12
	16,18	11,13	29,30		X	10,12
	19,24				6,8	8,10
	16,17					
VH6JNK - 5845		GlobalFiler™ Express				
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24			19.2,31.2	6,8	8,10
	16,17					
VKRD87 - 5843		GlobalFiler™ Express				
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24			19.2,31.2	6,8	8,10
	16,17					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

VQQXXG - 5843	PowerPlex® Fusion 5C					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17					
VR8X8X - 5845	ANDE FlexPlex					
	12,12	20,24	11,11	14,18	11,12	14,21.3
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24		10,12	19.2,31.2	6,8	8,10
	16,17					
VUPCL7 - 5843	GlobalFiler™ Express					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24			19.2,31.2	6,8	8,10
	16,17					
VY7HEZ - 5845	GlobalFiler™ Express					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24			19.2,31.2	6,8	8,10
	16,17					
W4F29L - 5843	PowerPlex® Fusion 5C					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17					
W77ZP6 - 5843	PowerPlex® Fusion 6C					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24	11,15	10,12	19.2,31.2	6,8	8,10
	16,17					
W7LGN6 - 5843	GlobalFiler™ Express					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24			19.2,31.2	6,8	8,10
	16,17					

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

W9DFXW - 5843		Investigator® 24plex GO!				
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
WCQCBK - 5843		GlobalFiler™ Express				
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
WDKZUG - 5843		GlobalFiler™ Express				
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
WDMPXD - 5843		GlobalFiler™ Express				
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
WN3PHD - 5843		PowerPlex® Fusion 6C				
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24	11,15	10,12	19,2,31.2	6,8	8,10
	16,17					
WN6EMB - 5843		GlobalFiler™				
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
WPFB3M - 5844		GlobalFiler™ Express				
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

WWXUAU - 5845	ANDE FlexPlex					
	12,12	20,24	11,11	14,18	11,12	14,21.3
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24		10,12	19.2,31.2	6,8	8,10
	16,17					
X3U2EV - 5845	PowerPlex® Fusion					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17					
X3XMQ3 - 5845	PowerPlex® Fusion 6C					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24	11,15	10,12	19.2,31.2	6,8	8,10
	16,17	no results	no results	no results		
XAGLLG - 5843	GlobalFiler™ Express					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24			19.2,31.2	6,8	8,10
	16,17					
XF3JA6 - 5843	GlobalFiler™ Express					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24			19.2,31.2	6,8	8,10
	16,17					
XJ7GJC - 5843	PowerPlex® Fusion 5C					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17					
XK32EC - 5843	PowerPlex® Fusion 6C					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24	11,15	10,12	19.2,31.2	6,8	8,10
	16,17					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

YACQDV - 5843	Investigator® 24plex GO (Gene Mapper)					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
YGGDFW - 5845	ANDE FlexPlex					
	12,12	20,24	11,11	14,18	11,12	14,21.3
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24		10,12	19,2,31.2	6,8	8,10
	16,17					
YGRAVA - 5843	Investigator® 24plex GO!					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
YGUY7 - 5845	Identifiler® Plus					
		20,24		14,18	11,12	
1	10,11	11,14			11,13	9,12
	16,18	11,13	29,30		X	10,12
	19,24				6,8	8,10
	16,17					
Z2X637 - 5844	GlobalFiler™					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
Z3AYKR - 5843	GlobalFiler™					
	12	20,24	11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15	X,X	10,12
	19,24			19,2,31.2	6,8	8,10
	16,17					
ZCUBV4 - 5845	Identifiler® Plus					
		20,24		14,18	11,12	
1	10,11	11,14			11,13	9,12
	16,18	11,13	29,30		X	10,12
	19,24				6,8	8,10
	16,17					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 1 - STR Results

ZJUR7A - 5843	PowerPlex® Fusion 5C					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17					
ZVLEEQ - 5845	PowerPlex® Fusion 5C					
	12,12	20,24	11,11	14,18	11,12	
1	10,11	11,14	15,17	18,20	11,13	9,12
	16,18	11,13	29,30	15,15	X,X	10,12
	19,24	11,15	10,12		6,8	8,10
	16,17	-				
ZZZU74 - 5845	Identifiler® Plus					
		20,24		14,18	11,12	
1	10,11	11,14			11,13	9,12
	16,18	11,13	29,30		X	10,12
	19,24				6,8	8,10
	16,17					

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

22R8B8 - 5843		GlobalFiler™ Express				
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21			18,18	6,7	9,11
	14,16	11			2	
22XMDZ - 5845		GlobalFiler™ Express				
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21			18	6,7	9,11
	14,16	11			2	
23PH7A - 5843		GlobalFiler™ Express				
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21			18,18	6,7	9,11
	14,16	11			2	
24YP3B - 5843		PowerPlex® Fusion 5C				
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21	12,12	7,11		6,7	9,11
	14,16	11				
2H32QM - 5843		PowerPlex®				
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21	12,12	7,11		6,7	9,11
	14,16	11				
33XCYF - 5845		PowerPlex® Fusion, PowerPlex® ESX17				
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21	12,12	7,11	18,18	6,7	9,11
	14,16	11				
3DEX7V - 5845		PowerPlex® Fusion 5C				
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21	12	7,11		6,7	9,11
	14,16	11				

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

3JPRLZ - 5843		GlobalFiler™ Express				
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21			18,18	6,7	9,11
	14,16	11			2	
3JPXU8 - 5843		PowerPlex® Fusion 6C				
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21	12	7,11	18	6,7	9,11
	14,16	11	17	17		
3LVDD8 - 5843		GlobalFiler™ Express				
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21			18,18	6,7	9,11
	14,16	11			2	
3LXYQE - 5843		GlobalFiler™ Express				
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21			18,18	6,7	9,11
	14,16	11			2	
3WYE4X - 5843		PowerPlex® Fusion 6C				
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21	12	7,11	18	6,7	9,11
	14,16	11	17	17		
3XNVN7 - 5843		PowerPlex® Fusion 5C				
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21	12,12	7,11		6,7	9,11
	14,16	11				
42RUTW - 5843		PowerPlex® Fusion 6C				
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21	12,12	7,11	18,18	6,7	9,11
	14,16	11	17	17		

TABLE 1

WebCode - Test Amplification Kits (Probabilistic Genotyping Software)						
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

466Q7L - 5843	PowerPlex® Fusion 6C (M-FISys 11.09)					
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21	12,12	7,11	18,18	6,7	9,11
	14,16	11	17	17		
48T7UV - 5844	PowerPlex® Fusion 6C					
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21	12	7,11	18	6,7	9,11
	14,16	11	17	17		
4BGG6M - 5843	PowerPlex®					
	15,17.3	17,17		14,17	12,13	13,19
2	8,11	13,13		20,22	8,9	8,11
	15,16	10,13	28,29		X,Y	11,12
	21,21	12,12	7,11		6,7	9,11
	14,16					
4ECFDQ - 5845	ANDE Flex Plex					
2						
4FLJL9 - 5845	GlobalFiler™ Express					
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21			18	6,7	9,11
	14,16	11			2	
4LT2TN - 5843	PowerPlex® Fusion SYSTEM, ESX17 SYSTEM, CS7 SYSTEM, GlobalFiler™, VERIFILER Plus					
	15,17.3	17,17	11,11	14,17	12,13	13,19
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21	12,12	7,11	18,18	6,7	9,11
	14,16	11			2	
4NDT36 - 5843	PowerPlex® Fusion 5C					
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21	12,12	7,11		6,7	9,11
	14,16	11				

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

4PWL8A - 5845		GlobalFiler™ Express				
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21			18	6,7	9,11
	14,16				2	
4Q9HEY - 5843		PowerPlex® Fusion5C				
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21	12	7,11		6,7	9,11
	14,16	11				
4X784Q - 5845		PowerPlex® Fusion				
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21	12,12	7,11		6,7	9,11
	14,16	11				
4X88UH - 5845		ANDE FlexPlex				
	15,17.3	17,17	11,11	14,17	12,13	13,19
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21		7,11	18,18	6,7	9,11
	14,16	11	17	17		
66KCD3 - 5844		GlobalFiler™				
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21			18	6,7	9,11
	14,16	11			2	
6B33EM - 5845		PowerPlex® Fusion				
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21	12,12	7,11		6,7	9,11
	14,16	11				
6CG8BZ - 5845		Identifiler® Plus				
		17		14,17	12,13	
2	8,11	13			8,9	8,11
	15,16	10,13	28,29		X,Y	11,12
	21				6,7	9,11
	14,16					

TABLE 1

WebCode - Test Amplification Kits (Probabilistic Genotyping Software)						
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

6GTDPL - 5845	PowerPlex® Fusion SYSTEM, ESX17 SYSTEM, PPCS7 SYSTEM, GlobalFiler™, VERIFILER Plus					
	15,17.3	17,17	11,11	14,17	12,13	13,19
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21	12,12	7,11	18,18	6,7	9,11
	14,16	11			2	
7B7QLT - 5843	PowerPlex® Fusion 6C					
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21	12	7,11	18	6,7	9,11
	14,16	11	17	17		
7NURBM - 5845	PowerPlex® Fusion					
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29		X,Y	11,12
	21,21	12,12	7,11		6,7	9,11
	14,16					
8K9BNL - 5845	ANDE					
	15,17.3	17,17	11,11	14,17		13,19
2	8,11		13,14		8,9	8,11
	15,16	10,13	28,29	15,15		11,12
	21,21			18,18	6,7	9,11
	14,16					
8KNWUG - 5843	PowerPlex® Fusion 5C					
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21	12,12	7,11		6,7	9,11
	14,16	11				
8XEFM2 - 5843	GlobalFiler™ Express					
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21			18,18	6,7	9,11
	14,16	11			2	
92VBTQ - 5843	PowerPlex® Fusion 5C					
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21	12	7,11		6,7	9,11
	14,16	11				

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

94WBW4 - 5843	PowerPlex® Fusion24					
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21	12,12	7,11		6,7	9,11
	14,16	11,11				
98VLT4 - 5845	Identifiler® Plus					
		17		14,17	12,13	
2	8,11	13			8,9	8,11
	15,16	10,13	28,29		X,Y	11,12
	21				6,7	9,11
	14,16					
9BUXTA - 5843	Identifiler® Plus					
		17,17		14,17	12,13	
2	8,11	13,13			8,9	8,11
	15,16	10,13	28,29		X,Y	11,12
	21,21				6,7	9,11
	14,16					
9C7UZZ - 5843	GlobalFiler™ Express					
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21			18,18	6,7	9,11
	14,16	11			2	
9CB64J - 5845	ANDE					
	15,17.3			14,17	12,13	13,19
2	8,11			20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21				6,7	
	14,16	11	17	17		
9EFMB2 - 5843	PowerPlex® Fusion 5C					
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21	12,12	7,11		6,7	9,11
	14,16	11				
9HEY7R - 5845	GlobalFiler™ Express					
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21			18	6,7	9,11
	14,16	11			2	

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

9QUN2U - 5843		PowerPlex® Fusion				
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21	12	7,11		6,7	9,11
	14,16	11				
A7EVAB - 5845		ANDE-FlexPlex				
	15,17.3	17	11	14,17	12,13	13,19
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21		7,11	18	6,7	9,11
	14,16	11	17	17		
AC48G2 - 5843		PowerPlex® Fusion 5C				
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21	12,12	7,11		6,7	9,11
	14,16	11				
AX8YRZ - 5843		GlobalFiler™				
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21			18	6,7	9,11
	14,16	11			2	
B89VUT - 5843		GlobalFiler™ Express				
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21			18,18	6,7	9,11
	14,16	11			2	
BC239V - 5844		GlobalFiler™				
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21			18	6,7	9,11
	14,16	11			2	
BGJXFU - 5845		GlobalFiler™ Express				
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21			18	6,7	9,11
	14,16	11			2	

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

BNTH86 - 5843		GlobalFiler™ Express, GlobalFiler				
2	15,17.3	17,17	11,11	14,17	12,13	
	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21			18,18	6,7	9,11
	14,16	11			2	
BPD72K - 5843		GlobalFiler™ Express				
2	15,17.3	17,17	11,11	14,17	12,13	
	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21			18,18	6,7	9,11
	14,16	11			2	
BPPWVX - 5843		GlobalFiler™ Express				
2	15,17.3	17,17	11,11	14,17	12,13	
	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21			18,18	6,7	9,11
	14,16	11			2	
BYDVL3 - 5843		GlobalFiler™ Express				
2	15,17.3	17,17	11,11	14,17	12,13	
	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21			18,18	6,7	9,11
	14,16	11			2	
CMFGP3 - 5845		GlobalFiler™ Express				
2	15,17.3	17	11	14,17	12,13	
	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21			18	6,7	9,11
	14,16	11			2	
CW4DQ4 - 5843		PowerPlex® Fusion 5C				
2	15,17.3	17,17	11,11	14,17	12,13	
	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21	12,12	7,11		6,7	9,11
	14,16	11				
D339Y3 - 5843		GlobalFiler™ Express				
2	15,17.3	17,17	11,11	14,17	12,13	
	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21			18,18	6,7	9,11
	14,16	11			2	

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

D7RJ6M - 5845		GlobalFiler™ Express				
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21			18	6,7	9,11
	14,16	11			2	
D9E6VP - 5843		PowerPlex® Fusion				
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21	12	7,11		6,7	9,11
	14,16	11				
D9RTZW - 5843		PowerPlex® Fusion 5C				
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21	12,12	7,11		6,7	9,11
	14,16	11				
DAN4Z7 - 5844		GlobalFiler™ Express				
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21			18,18	6,7	9,11
	14,16	11				
DBF62N - 5845		PowerPlex® Fusion 6C				
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21	12	7,11	18	6,7	9,11
	14,16	11	17	17		
DBWDR4 - 5843		GlobalFiler™ Express				
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21			18,18	6,7	9,11
	14,16	11			2	
DGBX9P - 5845		GlobalFiler™ Express				
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21			18	6,7	9,11
	14,16	11			2	

TABLE 1

WebCode - Test Amplification Kits (Probabilistic Genotyping Software)						
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

DH6LQK - 5843

2	15,17.3	17,17		14,17	12,13	13,19
	8,11	13,13		20,22	8,9	8,11
	15,16	10,13	28,29		X,Y	11,12
	21,21	12,12	7,11		6,7	9,11
	14,16					

DRN3EL - 5843

GlobalFiler™

2	15,17.3	17	11	14,17	12,13	
	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21			18	6,7	9,11
	14,16	11			2	

DUTV6D - 5845

ANDE FlexPlex

2	15,17.3	17,17	11,11	14,17	12,13	
	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21			18,18	6,7	9,11
	14,16	11	17	17		

DXXDCL - 5843

GlobalFiler™ Express

2	15,17.3	17,17	11,11	14,17	12,13	
	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21			18,18	6,7	9,11
	14,16	11			2	

EA24K8 - 5845

ANDE FlexPlex

2	15,17.3			14,17		
	8,11		13,14	20,22	8,9	8,11
	15,16	10,13	28,29		X,Y	11,12
					6,7	9,11
	14,16	11	17	17		

ED2A4J - 5843

GlobalFiler™

2	15,17.3	17	11	14,17	12,13	
	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21			18	6,7	9,11
	14,16	11			2	

EDJGXF - 5845

PowerPlex® Fusion

2	15,17.3	17,17	11,11	14,17	12,13	
	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21	12,12	7,11		6,7	9,11
	14,16	11				

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

EDMQJM - 5843		PowerPlex® Fusion 6C				
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21	12,12	7,11	18,18	6,7	9,11
	14,16	11	17	17		
EZZJKZ - 5845		GlobalFiler™ Express				
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21			18	6,7	9,11
	14,16	11			2	
FBFNDH - 5845		PowerPlex® Fusion 6C				
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21	12,12	7,11	18,18	6,7	9,11
	14,16	11	17	17		
FCPZNR - 5843		GlobalFiler™				
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21			18	6,7	9,11
	14,16	11			2	
FCQPYG - 5845		PowerPlex® Fusion 6C				
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21	12,12	7,11	18,18	6,7	9,11
	14,16	11	17	17		
FDHN8M - 5843		PowerPlex® Fusion 6C				
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21	12,12	7,11	18,18	6,7	9,11
	14,16	11	17	17		
FMKZB4 - 5844		GlobalFiler™ Express				
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21			18,18	6,7	9,11
	14,16	11				

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

FPAERQ - 5843	NGM SElectExpress					
	15,17.3	17,17	11,11	14,17		
2		13,13	13,14	20,22		8,11
	15,16	10,13	28,29	15,15	X,Y	
	21,21			18,18	6,7	
	14,16					
FQ8PMU - 5843	PowerPlex® Fusion 6C					
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21	12,12	7,11	18,18	6,7	9,11
	14,16	11	17	17		
FYJLQF - 5845	ANDE FlexPlex					
2						
FZWDKH - 5843	GlobalFiler™					
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21			18	6,7	9,11
	14,16	11			2	
G2MW2A - 5844	PowerPlex® Fusion 5C					
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21	12	7,11		6,7	9,11
	14,16	11				
G6NVG9 - 5843	PowerPlex®					
	15,17.3	17,17		14,17	12,13	13,19
2	8,11	13,13		20,22	8,9	8,11
	15,16	10,13	28,29		X,Y	11,12
	21,21	12,12	7,11		6,7	9,11
	14,16					
GMM3NE - 5845	ANDE FlexPlex					
	15,17.3	17	11	14,17	12,13	13,19
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21		7,11	18	6,7	9,11
	14,16	11	17	17		

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

H3CPAX - 5843		PowerPlex® Fusion 5C				
2	15,17.3	17,17	11,11	14,17	12,13	
	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21	12,12	7,11		6,7	9,11
	14,16	11				
H7BUWQ - 5845		PowerPlex® Fusion 5C				
2	15,17.3	17	11	14,17	12,13	
	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,*	X,Y	11,12
	21	12	7,11		6,7	9,11
	14,16	11				
H7BV2W - 5843		GlobalFiler™ Express, GlobalFiler				
2	15,17.3	17,17	11,11	14,17	12,13	
	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21			18,18	6,7	9,11
	14,16	11			2	
HBMRVX - 5843		PowerPlex® Fusion				
2	15,17.3	17,17	11,11	14,17	12,13	
	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21	12,12	7,11		6,7	9,11
	14,16	11				
HDAGQB - 5845		PowerPlex® Fusion 5C				
2	15,17.3	17,17	11,11	14,17	12,13	
	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21	12,12	7,11		6,7	9,11
	14,16	11				
HJWAZP - 5843		Investigator® 24plex GO!				
2	15,17.3	17	11	14,17	12,13	
	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21			18	6,7	9,11
	14,16	11				
HJY26C - 5845		GlobalFiler™ Express				
2	15,17.3	17	11	14,17	12,13	
	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21			18	6,7	9,11
	14,16	11			2	

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

HJYY4M - 5845		Identifiler® Plus				
		17		14,17	12,13	
2	8,11	13			8,9	8,11
	15,16	10,13	28,29		X,Y	11,12
	21				6,7	9,11
	14,16					
HQJ499 - 5844		PowerPlex® Fusion 5C				
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21	12	7,11		6,7	9,11
	14,16	11				
HWJE8L - 5845		Identifiler® Plus				
		17		14,17	12,13	
2	8,11	13			8,9	8,11
	15,16	10,13	28,29		X,Y	11,12
	21				6,7	9,11
	14,16					
HXZJWC - 5845		ANDE FlexPlex				
	15,17.3			14,17		
2			13,14	20,22	8,9	8,11
	15,16	10,13	28,29		X,Y	11,12
					6,7	
		11		17		
K7JWN8 - 5845		ANDE				
	15,17.3			14,17	12,13	13,19
2	8,11		13,14	20,22	8,9	8,11
	15,16	10,13	28,29		X,Y	
			7,11		6,7	
		11	17	17		
K7Y8CE - 5844		PowerPlex® Fusion 6C				
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21	12	7,11	18	6,7	9,11
	14,16	11	17	17		
L6ZGKP - 5843		GlobalFiler™ Express				
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21			18,18	6,7	9,11
	14,16	11			2	

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

LNNEHC - 5845		GlobalFiler™				
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21			18	6,7	9,11
	14,16	11			2	
LQ469F - 5845		PowerPlex® Fusion 6C				
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21	12	7,11	18	6,7	9,11
	14,16	11	17	17		
LVHJBD - 5845		GlobalFiler™				
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21			18	6,7	9,11
	14,16	11			2	
M47T3U - 5843		GlobalFiler™ Express				
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21			18,18	6,7	9,11
	14,16	11			2	
MAZUDA - 5845		GlobalFiler™ Express				
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21			18	6,7	9,11
	14,16	11			2	
MKGH89 - 5845		GlobalFiler™ Express				
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21			18	6,7	9,11
	14,16	11			2	
MKU92K - 5843		Investigator® 24plex GO!				
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21			18	6,7	9,11
	14,16	11				

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

MMX2X4 - 5843		PowerPlex® Fusion, ESX-17				
2	15,17.3	17	11	14,17	12,13	
	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21	12	7,11	18	6,7	9,11
	14,16	11				
MMX2ZP - 5843		GlobalFiler™ Express				
2	15,17.3	17,17	11,11	14,17	12,13	
	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21			18,18	6,7	9,11
	14,16	11			2	
MQWDVP - 5843		GlobalFiler™ Express				
2	15,17.3	17,17	11,11	14,17	12,13	
	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21			18,18	6,7	9,11
	14,16	11			2	
MX4VJH - 5843		PowerPlex® Fusion 5C				
2	15,17.3	17	11	14,17	12,13	
	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21	12	7,11		6,7	9,11
	14,16	11				
NDRKU6 - 5843		Investigator® 24plex GO!				
2	15,17.3	17	11	14,17	12,13	
	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21			18	6,7	9,11
	14,16	11				
NFZHLZ - 5843		PowerPlex® 5C				
2	15,17.3	17	11	14,17	12,13	
	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21	12	7,11		6,7	9,11
	14,16	11				
NT396K - 5843		PowerPlex® Fusion 6C				
2	15,17.3	17	11	14,17	12,13	
	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21	12	7,11	18	6,7	9,11
	14,16	11	17	17		

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

NT6XAG - 5843		GlobalFiler™				
2	15,17.3	17	11	14,17	12,13	
	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21			18	6,7	9,11
	14,16	11			2	
NYXV3E - 5845		GlobalFiler™ Express				
2	15,17.3	17	11	14,17	12,13	
	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21			18	6,7	9,11
	14,16	11			2	
P2RBRN - 5843		PowerPlex® Fusion 5C				
2	15,17.3	17,17	11,11	14,17	12,13	
	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21	12,12	7,11		6,7	9,11
	14,16	11				
P6RGDK - 5843		GlobalFiler™ Express				
2	15,17.3	17,17	11,11	14,17	12,13	
	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21			18,18	6,7	9,11
	14,16	11			2	
PA8XVP - 5845		GlobalFiler™ Express				
2	15,17.3	17	11	14,17	12,13	
	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21			18	6,7	9,11
	14,16	11			2	
PCDDB9 - 5845		GlobalFiler™ Express				
2	15,17.3	17	11	14,17	12,13	
	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21			18	6,7	9,11
	14,16	11			2	
PD7CHF - 5843		PowerPlex® Fusion				
2	15,17.3	17	11	14,17	12,13	
	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21	12	7,11		6,7	9,11
	14,16	11				

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

PWKPV4 - 5845	ANDE FlexPlex					
	15,17.3			14,17	12,13	
2	8,11		13,14	20,22	8,9	8,11
	15,16	10,13	28,29		X,Y	11,12
	21,21		7,11		6,7	9,11
		11	17	17		
PWMDE3 - 5844	PowerPlex® Fusion 5C					
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21	12	7,11		6,7	9,11
	14,16	11				
Q6Q46J - 5843	GlobalFiler™ Express, GLOBALFILER					
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21			18,18	6,7	9,11
	14,16	11			2	
Q6UEA3 - 5845	ANDE FlexPlex					
2						
Q7N3RX - 5843	PowerPlex® Fusion 5C					
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21	12,12	7,11		6,7	9,11
	14,16	11				
QD37GC - 5843	PowerPlex® Fusion 6C					
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21	12,12	7,11	18,18	6,7	9,11
	14,16	11	17	17		
QRMNB2 - 5844	PowerPlex® Fusion 5C					
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21	12	7,11		6,7	9,11
	14,16	11				

TABLE 1

WebCode - Test Amplification Kits (Probabilistic Genotyping Software)						
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

R6MPLG - 5843		PowerPlex® Fusion 6C				
		15,17.3	17	11	14,17	12,13
2		8,11	13	13,14	20,22	8,11
		15,16	10,13	28,29	15	X,Y
		21	12	7,11	18	6,7
		14,16	11	17	17	
RC7VJN - 5843		GlobalFiler™ Express				
		15,17.3	17,17	11,11	14,17	12,13
2		8,11	13,13	13,14	20,22	8,11
		15,16	10,13	28,29	15,15	X,Y
		21,21			18,18	6,7
		14,16	11			2
RGKNF9 - 5843		GlobalFiler™ Express				
		15,17.3	17,17	11,11	14,17	12,13
2		8,11	13,13	13,14	20,22	8,11
		15,16	10,13	28,29	15,15	X,Y
		21,21			18,18	6,7
		14,16	11			2
RLPJ3N - 5843		GlobalFiler™ Express				
		15,17.3	17,17	11,11	14,17	12,13
2		8,11	13,13	13,14	20,22	8,11
		15,16	10,13	28,29	15,15	X,Y
		21,21			18,18	6,7
		14,16	11			2
RNLZC6 - 5845		GlobalFiler™				
		15,17.3	17	11	14,17	12,13
2		8,11	13	13,14	20,22	8,11
		15,16	10,13	28,29	15	X,Y
		21			18	6,7
		14,16	11			2
RPTEMR - 5844		GlobalFiler™ Express				
		15,17.3	17,17	11,11	14,17	12,13
2		8,11	13,13	13,14	20,22	8,11
		15,16	10,13	28,29	15,15	X,Y
		21,21			18,18	6,7
		14,16	11			
T7UDAL - 5843		GlobalFiler™ Express				
		15,17.3	17,17	11,11	14,17	12,13
2		8,11	13,13	13,14	20,22	8,11
		15,16	10,13	28,29	15,15	X,Y
		21,21			18,18	6,7
		14,16	11			2

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

T9723X - 5844	PowerPlex® Fusion 5C					
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21	12	7,11		6,7	9,11
	14,16	11				
TCVUJ7 - 5845	PowerPlex® Fusion 6C					
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21	12	7,11	18	6,7	9,11
	14,16	11	17	17		
TJK8LE - 5843	GlobalFiler™ Express					
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21			18,18	6,7	9,11
	14,16	11			2	
TJPHQX - 5845	ANDE FlexPlex					
	15,17.3			14,17	12,13	13,19
2	8,11		13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21				6,7	9,11
	14,16	11		17		
TKCEW4 - 5845	GlobalFiler™, GlobalFiler Express					
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21			18	6,7	9,11
	14,16	11			2	
TLPN8P - 5843	PowerPlex® Fusion 5C					
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21	12,12	7,11		6,7	9,11
	14,16	11				
TUZ2X8 - 5845	PowerPlex® Fusion 6C					
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21	12	7,11	18	6,7	9,11
	14,16	11	17	17		

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

TWTWV3 - 5845		PowerPlex® Fusion 6C				
2	15,17.3	17,17	11,11	14,17	12,13	
	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21	12,12	7,11	18,18	6,7	9,11
	14,16	11	17	17		
TYFJL4 - 5843		GlobalFiler™				
2	15,17.3	17	11	14,17	12,13	
	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21			18	6,7	9,11
	14,16	11			2	
TYU372 - 5845		ANDE Flex Plex				
2						
U488H2 - 5845		GlobalFiler™ Express, GlobalFiler™				
2	15,17.3	17	11	14,17	12,13	
	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21			18	6,7	9,11
	14,16	11			2	
U6CQAH - 5843		PowerPlex® Fusion 5C				
2	15,17.3	17,17	11,11	14,17	12,13	
	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21	12,12	7,11		6,7	9,11
	14,16	11				
U6EETG - 5843		GlobalFiler™ Express				
2	15,17.3	17,17	11,11	14,17	12,13	
	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21			18,18	6,7	9,11
	14,16	11			2	
U88DW8 - 5843		PowerPlex® Fusion				
2	15,17.3	17	11	14,17	12,13	
	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21	12	7,11		6,7	9,11
	14,16	11				

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

UADVYA - 5843		GlobalFiler™ Express				
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21			18,18	6,7	9,11
	14,16	11			2	
UKRVRW - 5844		PowerPlex® 5C				
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21	12	7,11		6,7	9,11
	14,16	11				
URQGMD - 5845		Identifiler® Plus				
		17		14,17	12,13	
2	8,11	13			8,9	8,11
	15,16	10,13	28,29		X,Y	11,12
	21				6,7	9,11
	14,16					
URT7RA - 5845		Identifiler® Plus				
		17		14,17	12,13	
2	8,11	13			8,9	8,11
	15,16	10,13	28,29		X,Y	11,12
	21				6,7	9,11
	14,16					
UTZJBW - 5844		GlobalFiler™ 24				
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21			18,18	6,7	9,11
	14,16	11			2	
VFVMPA - 5845		Identifiler® Plus				
		17		14,17	12,13	
2	8,11	13			8,9	8,11
	15,16	10,13	28,29		X,Y	11,12
	21				6,7	9,11
	14,16					
VH6JNK - 5845		GlobalFiler™ Express				
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21			18	6,7	9,11
	14,16	11			2	

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

VKRD87 - 5843		GlobalFiler™ Express				
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21			18	6,7	9,11
	14,16	11			2	
VQXXG - 5843		PowerPlex® Fusion 5C				
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21	12,12	7,11		6,7	9,11
	14,16	11				
VR8X8X - 5845		ANDE FlexPlex				
	15,17.3	17,17	11,11	14,17	12,13	13,19
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21		7,11	18,18	6,7	9,11
	14,16	11	17	17		
VUPCL7 - 5843		GlobalFiler™ Express				
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21			18,18	6,7	9,11
	14,16	11			2	
VY7HEZ - 5845		GlobalFiler™, GlobalFiler Express				
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21			18	6,7	9,11
	14,16	11			2	
W4F29L - 5843		PowerPlex® Fusion 5C				
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21	12,12	7,11		6,7	9,11
	14,16	11				
W77ZP6 - 5843		PowerPlex® Fusion 6C				
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21	12,12	7,11	18,18	6,7	9,11
	14,16	11	17	17		

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

W7LGN6 - 5843		GlobalFiler™ Express				
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21			18,18	6,7	9,11
	14,16	11			2	
W9DFXW - 5843		Investigator® 24plex GO!				
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21			18	6,7	9,11
	14,16	11				
WCQCBK - 5843		GlobalFiler™ Express				
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21			18,18	6,7	9,11
	14,16	11			2	
WDKZUG - 5843		GlobalFiler™ Express				
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21			18,18	6,7	9,11
	14,16	11			2	
WDMPXD - 5843		GlobalFiler™ Express				
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21			18,18	6,7	9,11
	14,16	11			2	
WN3PHD - 5843		PowerPlex® Fusion 6C				
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21	12	7,11	18	6,7	9,11
	14,16	11	17	17		
WN6EMB - 5843		GlobalFiler™				
	15,17.3	17	11	14,17	12,13	
2	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21			18	6,7	9,11
	14,16	11			2	

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

WPFB3M - 5844		GlobalFiler™ Express				
2	15,17.3	17,17	11,11	14,17	12,13	
	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21			18,18	6,7	9,11
	14,16	11				
WWXUUAU - 5845		ANDE FlexPlex				
2	15,17.3	17,17	11,11	14,17	12,13	
	8,11	7,13	13,14	20,22	8,9	8,11
	15,16	10,13	25.2,29	15,15	X,Y	11,12
	21,21		7,7	18,18	6,7	9,11
	14,16		17	17		
X3U2EV - 5845		PowerPlex® Fusion				
2	15,17.3	17,17	11,11	14,17	12,13	
	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21	12,12	7,11		6,7	9,11
	14,16	11				
X3XMQ3 - 5845		PowerPlex® Fusion 6C				
2	15,17.3	17	11	14,17	12,13	
	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21	12	7,11	18	6,7	9,11
	14,16	11	17	17		
XAGLLG - 5843		GlobalFiler™ Express				
2	15,17.3	17,17	11,11	14,17	12,13	
	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21			18,18	6,7	9,11
	14,16	11			2	
XF3JA6 - 5843		GlobalFiler™ Express				
2	15,17.3	17,17	11,11	14,17	12,13	
	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21			18,18	6,7	9,11
	14,16	11			2	
XJ7GJC - 5843		PowerPlex® Fusion 5C				
2	15,17.3	17,17	11,11	14,17	12,13	
	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21	12,12	7,11		6,7	9,11
	14,16	11				

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

XK32EC - 5843		PowerPlex® Fusion 6C				
2	15,17.3	17	11	14,17	12,13	
	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21	12	7,11	18	6,7	9,11
	14,16	11	17	17		
YACQDV - 5843		Investigator® 24plex GO (Gene Mapper)				
2	15,17.3	17,17	11,11	14,17	12,13	
	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21			18,18	6,7	9,11
	14,16	11				
YGGDFW - 5845		ANDE FlexPlex				
2	15,17.3	17,17	11,11	14,17	12,13	13,19
	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21		7,11	18,18	6,7	9,11
	14,16	11	17	17		
YGRAVA - 5843		Investigator® 24plex GO!				
2	15,17.3	17	11	14,17	12,13	
	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21			18	6,7	9,11
	14,16	11				
YGUY7 - 5845		Identifiler® Plus				
2		17		14,17	12,13	
	8,11	13			8,9	8,11
	15,16	10,13	28,29		X,Y	11,12
	21				6,7	9,11
	14,16					
Z2X637 - 5844		GlobalFiler™				
2	15,17.3	17	11	14,17	12,13	
	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21			18	6,7	9,11
	14,16	11			2	
Z3AYKR - 5843		GlobalFiler™				
2	15,17.3	17	11	14,17	12,13	
	8,11	13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15	X,Y	11,12
	21			18	6,7	9,11
	14,16	11			2	

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 2 - STR Results

ZCUBV4 - 5845	Identifiler® Plus					
		17		14,17	12,13	
2	8,11	13			8,9	8,11
	15,16	10,13	28,29		X,Y	11,12
	21				6,7	9,11
	14,16					
ZJUR7A - 5843	PowerPlex® Fusion 5C					
	15,17.3	17,17	11,11	14,17		
2		13,13				8,11
	15,16	10,13	28,29		X,Y	
	21,21	12,12			6,7	
	14,16					
ZVLEEQ - 5845	PowerPlex® Fusion 5C					
	15,17.3	17,17	11,11	14,17	12,13	
2	8,11	13,13	13,14	20,22	8,9	8,11
	15,16	10,13	28,29	15,15	X,Y	11,12
	21,21	12,12	7,11		6,7	9,11
	14,16	11				
ZZZU74 - 5845	Identifiler® Plus					
		17		14,17	12,13	
2	8,11	13			8,9	8,11
	15,16	10,13	28,29		X,Y	11,12
	21				6,7	9,11
	14,16					

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

22R8B8 - 5843		GlobalFiler™ Express				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21			21.2,30.2	6,7	8,11
	17,17	10			2	
22XMDZ - 5845		GlobalFiler™ Express				
3	13,17.3	18,26	11	17,18	11	
		11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10
	21				6,7	8
	17			2		
23PH7A - 5843		GlobalFiler™ Express				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21			21.2,30.2	6,7	8,11
	17,17	10			2	
24YP3B - 5843		PowerPlex® Fusion 5C				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21	13,13	7,12		6,7	8,11
	17,17	10				
2H32QM - 5843		PowerPlex®				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21	13,13	7,12		6,7	8,11
	17,17	10				
33XCYF - 5845		PowerPlex® Fusion, PowerPlex® ESX 17				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21	13,13	7,12	21.2,30.2	6,7	8,11
	17,17	10				
3DEX7V - 5845		PowerPlex® Fusion 5C				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21	13	7,12		6,7	8,11
	17	10				

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

3JPRLZ - 5843		GlobalFiler™ Express				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21			21.2,30.2	6,7	8,11
	17,17	10			2	
3JPXU8 - 5843		PowerPlex® Fusion 6C				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21	13	7,12	21.2,30.2	6,7	8,11
	17	10	19	17		
3LVDD8 - 5843		GlobalFiler™ Express				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21			21.2,30.2	6,7	8,11
	17,17	10			2	
3LXYQE - 5843		GlobalFiler™ Express				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21			21.2,30.2	6,7	8,11
	17,17	10			2	
3WYE4X - 5843		PowerPlex® Fusion 6C				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21	13	7,12	21.2,30.2	6,7	8,11
	17	10	19	17		
3XNVN7 - 5843		PowerPlex® Fusion 5C				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21	13,13	7,12		6,7	8,11
	17,17	10				
42RUTW - 5843		PowerPlex® Fusion 6C				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21	13,13	7,12	21.2,30.2	6,7	8,11
	17,17	10	19	17		

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

466Q7L - 5843		PowerPlex® Fusion 6C (M-FISys 11.09)				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21	13,13	7,12	21.2,30.2	6,7	8,11
	17,17	10	19	17		
48T7UV - 5844		PowerPlex® Fusion 6C				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21	13	7,12	21.2,30.2	6,7	8,11
	17	10	19	17		
4BGG6M - 5843		PowerPlex®				
3	13,17.3	18,26		17,18	11,11	11,12
	8,11	11,15		17,23	11,12	12,13
	12,15	14,14	30,31		X,Y	10,11
	21,21	13,13	7,12		6,7	8,11
	17,17					
4ECFDQ - 5845		ANDE Flex Plex				
3	13,17.3	18,26		17,18		11,12
		11,15	13,16	17,23	11,12	12,13
	12,15		30,31	11,15	X,Y	10,11
	21,21		7,12	21.2,30.2	6,7	8,11
		10	19	17		
4FLJL9 - 5845		GlobalFiler™ Express				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21			21.2,30.2	6,7	8,11
	17	10			2	
4LT2TN - 5843		PowerPlex® Fusion SYSTEM, ESX17 SYSTEM, CS7 SYSTEM, GlobalFiler™, VERIFILER Plus				
3	13,17.3	18,26	11,11	17,18	11,11	11,12
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21	13,13	7,12	21.2,30.2	6,7	8,11
	17,17	10			2	
4NDT36 - 5843		PowerPlex® Fusion 5C				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21	13,13	7,12		6,7	8,11
	17,17	10				

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

4PWL8A - 5845		GlobalFiler™ Express				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21			21.2	6,7	8,11
	17	10			2	
4Q9HEY - 5843		PowerPlex® Fusion5C				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21	13	7,12		6,7	8,11
	17	10				
4X784Q - 5845		PowerPlex® Fusion				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21	13,13	7,12		6,7	8,11
	17,17	10				
4X88UH - 5845		ANDE FlexPlex				
3	13,17.3	18,26	11,11	17,18	11,11	11,12
	8,11	11,15		17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21		7,12	21.2,30.2	6,7	8,11
	17,17	10	19	17		
66KCD3 - 5844		GlobalFiler™				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21			21.2,30.2	6,7	8,11
	17	10			2	
6B33EM - 5845		PowerPlex® Fusion				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21	13,13	7,12		6,7	8,11
	17,17	10				
6CG8BZ - 5845		Identifiler® Plus				
3		18,26		17,18	11	
	8,11	11,15			11,12	12,13
	12,15	14	30,31		X,Y	10,11
	21				6,7	8,11
	17					

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

WebCode - Test	Amplification Kits (Probabilistic Genotyping Software)																														
6GTDPL - 5845	PowerPlex® Fusion SYSTEM, ESX17 SYSTEM, PPS7 SYSTEM, GlobalFiler™, VERIFILER Plus																														
3	<table border="1"> <tr><td>13,17.3</td><td>18,26</td><td>11,11</td><td>17,18</td><td>11,11</td><td>11,12</td></tr> <tr><td>8,11</td><td>11,15</td><td>13,16</td><td>17,23</td><td>11,12</td><td>12,13</td></tr> <tr><td>12,15</td><td>14,14</td><td>30,31</td><td>11,15</td><td>X,Y</td><td>10,11</td></tr> <tr><td>21,21</td><td>13,13</td><td>7,12</td><td>21.2,30.2</td><td>6,7</td><td>8,11</td></tr> <tr><td>17,17</td><td>10</td><td></td><td></td><td>2</td><td></td></tr> </table>	13,17.3	18,26	11,11	17,18	11,11	11,12	8,11	11,15	13,16	17,23	11,12	12,13	12,15	14,14	30,31	11,15	X,Y	10,11	21,21	13,13	7,12	21.2,30.2	6,7	8,11	17,17	10			2	
13,17.3	18,26	11,11	17,18	11,11	11,12																										
8,11	11,15	13,16	17,23	11,12	12,13																										
12,15	14,14	30,31	11,15	X,Y	10,11																										
21,21	13,13	7,12	21.2,30.2	6,7	8,11																										
17,17	10			2																											
7B7QLT - 5843	PowerPlex® Fusion 6C																														
3	<table border="1"> <tr><td>13,17.3</td><td>18,26</td><td>11</td><td>17,18</td><td>11</td><td></td></tr> <tr><td>8,11</td><td>11,15</td><td>13,16</td><td>17,23</td><td>11,12</td><td>12,13</td></tr> <tr><td>12,15</td><td>14</td><td>30,31</td><td>11,15</td><td>X,Y</td><td>10,11</td></tr> <tr><td>21</td><td>13</td><td>7,12</td><td>21.2,30.2</td><td>6,7</td><td>8,11</td></tr> <tr><td>17</td><td>10</td><td>19</td><td>17</td><td></td><td></td></tr> </table>	13,17.3	18,26	11	17,18	11		8,11	11,15	13,16	17,23	11,12	12,13	12,15	14	30,31	11,15	X,Y	10,11	21	13	7,12	21.2,30.2	6,7	8,11	17	10	19	17		
13,17.3	18,26	11	17,18	11																											
8,11	11,15	13,16	17,23	11,12	12,13																										
12,15	14	30,31	11,15	X,Y	10,11																										
21	13	7,12	21.2,30.2	6,7	8,11																										
17	10	19	17																												
7NURBM - 5845	PowerPlex® Power																														
3	<table border="1"> <tr><td>13,17.3</td><td>18,26</td><td>11,11</td><td>17,18</td><td>11,11</td><td></td></tr> <tr><td>8,11</td><td>11,15</td><td>13,16</td><td>17,23</td><td>11,12</td><td>12,13</td></tr> <tr><td>12,15</td><td>14,14</td><td>30,31</td><td>11,15</td><td>X,Y</td><td>10,11</td></tr> <tr><td>21,21</td><td>13,13</td><td>7,12</td><td></td><td>6,7</td><td>8,11</td></tr> <tr><td>17,17</td><td>10</td><td></td><td></td><td></td><td></td></tr> </table>	13,17.3	18,26	11,11	17,18	11,11		8,11	11,15	13,16	17,23	11,12	12,13	12,15	14,14	30,31	11,15	X,Y	10,11	21,21	13,13	7,12		6,7	8,11	17,17	10				
13,17.3	18,26	11,11	17,18	11,11																											
8,11	11,15	13,16	17,23	11,12	12,13																										
12,15	14,14	30,31	11,15	X,Y	10,11																										
21,21	13,13	7,12		6,7	8,11																										
17,17	10																														
8KNWUG - 5843	PowerPlex® Fusion 5C																														
3	<table border="1"> <tr><td>13,17.3</td><td>18,26</td><td>11,11</td><td>17,18</td><td>11,11</td><td></td></tr> <tr><td>8,11</td><td>11,15</td><td>13,16</td><td>17,23</td><td>11,12</td><td>12,13</td></tr> <tr><td>12,15</td><td>14,14</td><td>30,31</td><td>11,15</td><td>X,Y</td><td>10,11</td></tr> <tr><td>21,21</td><td>13,13</td><td>7,12</td><td></td><td>6,7</td><td>8,11</td></tr> <tr><td>17,17</td><td>10</td><td></td><td></td><td></td><td></td></tr> </table>	13,17.3	18,26	11,11	17,18	11,11		8,11	11,15	13,16	17,23	11,12	12,13	12,15	14,14	30,31	11,15	X,Y	10,11	21,21	13,13	7,12		6,7	8,11	17,17	10				
13,17.3	18,26	11,11	17,18	11,11																											
8,11	11,15	13,16	17,23	11,12	12,13																										
12,15	14,14	30,31	11,15	X,Y	10,11																										
21,21	13,13	7,12		6,7	8,11																										
17,17	10																														
8XEFM2 - 5843	GlobalFiler™ Express																														
3	<table border="1"> <tr><td>13,17.3</td><td>18,26</td><td>11,11</td><td>17,18</td><td>11,11</td><td></td></tr> <tr><td>8,11</td><td>11,15</td><td>13,16</td><td>17,23</td><td>11,12</td><td>12,13</td></tr> <tr><td>12,15</td><td>14,14</td><td>30,31</td><td>11,15</td><td>X,Y</td><td>10,11</td></tr> <tr><td>21,21</td><td></td><td></td><td>21.2,30.2</td><td>6,7</td><td>8,11</td></tr> <tr><td>17,17</td><td>10</td><td></td><td></td><td>2</td><td></td></tr> </table>	13,17.3	18,26	11,11	17,18	11,11		8,11	11,15	13,16	17,23	11,12	12,13	12,15	14,14	30,31	11,15	X,Y	10,11	21,21			21.2,30.2	6,7	8,11	17,17	10			2	
13,17.3	18,26	11,11	17,18	11,11																											
8,11	11,15	13,16	17,23	11,12	12,13																										
12,15	14,14	30,31	11,15	X,Y	10,11																										
21,21			21.2,30.2	6,7	8,11																										
17,17	10			2																											
92VBTQ - 5843	PowerPlex® Fusion 5C																														
3	<table border="1"> <tr><td>13,17.3</td><td>18,26</td><td>11</td><td>17,18</td><td>11</td><td></td></tr> <tr><td>8,11</td><td>11,15</td><td>13,16</td><td>17,23</td><td>11,12</td><td>12,13</td></tr> <tr><td>12,15</td><td>14</td><td>30,31</td><td>11,15</td><td>X,Y</td><td>10,11</td></tr> <tr><td>21</td><td>13</td><td>7,12</td><td></td><td>6,7</td><td>8,11</td></tr> <tr><td>17</td><td>10</td><td></td><td></td><td></td><td></td></tr> </table>	13,17.3	18,26	11	17,18	11		8,11	11,15	13,16	17,23	11,12	12,13	12,15	14	30,31	11,15	X,Y	10,11	21	13	7,12		6,7	8,11	17	10				
13,17.3	18,26	11	17,18	11																											
8,11	11,15	13,16	17,23	11,12	12,13																										
12,15	14	30,31	11,15	X,Y	10,11																										
21	13	7,12		6,7	8,11																										
17	10																														
94WBW4 - 5843	PowerPlex® Fusion24																														
3	<table border="1"> <tr><td>13,17.3</td><td>18,26</td><td>11,11</td><td>17,18</td><td>11,11</td><td></td></tr> <tr><td>8,11</td><td>11,15</td><td>13,16</td><td>17,23</td><td>11,12</td><td>12,13</td></tr> <tr><td>12,15</td><td>14,14</td><td>30,31</td><td>11,15</td><td>X,Y</td><td>10,11</td></tr> <tr><td>21,21</td><td>13,13</td><td>7,12</td><td></td><td>6,7</td><td>8,11</td></tr> <tr><td>17,17</td><td>10,10</td><td></td><td></td><td></td><td></td></tr> </table>	13,17.3	18,26	11,11	17,18	11,11		8,11	11,15	13,16	17,23	11,12	12,13	12,15	14,14	30,31	11,15	X,Y	10,11	21,21	13,13	7,12		6,7	8,11	17,17	10,10				
13,17.3	18,26	11,11	17,18	11,11																											
8,11	11,15	13,16	17,23	11,12	12,13																										
12,15	14,14	30,31	11,15	X,Y	10,11																										
21,21	13,13	7,12		6,7	8,11																										
17,17	10,10																														

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

98VLT4 - 5845		Identifiler® Plus				
		18,26		17,18	11	
3	8,11	11,15			11,12	12,13
	12,15	14	30,31		X,Y	10,11
	21				6,7	8,11
	17					
9BUXTA - 5843		Identifiler® Plus				
		18,26		17,18	11,11	
3	8,11	11,15			11,12	12,13
	12,15	14,14	30,31		X,Y	10,11
	21,21				6,7	8,11
	17,17					
9C7UZZ - 5843		GlobalFiler™ Express				
	13,17.3	18,26	11,11	17,18	11,11	
3	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21			21.2,30.2	6,7	8,11
	17,17	10			2	
9CB64J - 5845		ANDE				
	13,17.3	18,26	11,11	17,18	11,11	11,12
3	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21			21.2,30.2	6,7	8,11
	17,17	10				
9EFMB2 - 5843		PowerPlex® Fusion 5C				
	13,17.3	18,26	11,11	17,18	11,11	
3	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21	13,13	7,12		6,7	8,11
	17,17	10				
9HEY7R - 5845		GlobalFiler™ Express				
	13,17.3	18,26	11	17,18	11	
3	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21			21.2,30.2	6,7	8,11
	17	10			2	
9QUN2U - 5843		PowerPlex® Fusion				
	13,17.3	18,26	11	17,18	11	
3	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21	13	7,12		6,7	8,11
	17	10				

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

A7EVAB - 5845		ANDE-FlexPlex				
3	13,17.3	18,26	11	17,18	11	11,12
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21		7,12	21.2,30.2	6,7	8,11
	17	10	19	17		
AC48G2 - 5843		PowerPlex® Fusion 5C				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21	13,13	7,12		6,7	8,11
	17,17	10				
AX8YRZ - 5843		GlobalFiler™				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21			21.2,30.2	6,7	8,11
	17	10			2	
B89VUT - 5843		GlobalFiler™ Express				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21			21.2,30.2	6,7	8,11
	17,17	10			2	
BC239V - 5844		GlobalFiler™				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21			21.2,30.2	6,7	8,11
	17	10			2	
BGJXFU - 5845		GlobalFiler™ Express				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21			21.2,30.2	6,7	8,11
	17	10			2	
BNTH86 - 5843		GlobalFiler™ Express, GlobalFiler				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21			21.2,30.2	6,7	8,11
	17,17	10			2	

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

BPD72K - 5843		GlobalFiler™ Express				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21			21.2,30.2	6,7	8,11
	17,17	10			2	
BPPWVX - 5843		GlobalFiler™ Express				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21			21.2,30.2	6,7	8,11
	17,17	10			2	
BYDVL3 - 5843		GlobalFiler™ Express				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21			21.2,30.2	6,7	8,11
	17,17	10			2	
CMFGP3 - 5845		GlobalFiler™ Express				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21			21.2,30.2	6,7	8,11
	17	10			2	
CW4DQ4 - 5843		PowerPlex® Fusion 5C				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21	13,13	7,12		6,7	8,11
	17,17	10				
D339Y3 - 5843		GlobalFiler™ Express				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21			21.2,30.2	6,7	8,11
	17,17	10			2	
D7RJ6M - 5845		GlobalFiler™ Express				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21			21.2,30.2	6,7	8,11
	17	10			2	

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

D9E6VP - 5843		PowerPlex® Fusion				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21	13	7,12		6,7	8,11
	17	10				
D9RTZW - 5843		PowerPlex® Fusion 5C				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16			12,13
	12,15	14,14	30,31		X,Y	
	21,21	13,13			6,7	
	17,17					
DAN4Z7 - 5844		GlobalFiler™ Express				
3	13,17.3		11,11	17,18	11,11	
		11,15	13,16			12,13
		14,14	30,31	11,15	X,Y	
	21,21				6,7	
	17,17					
DBF62N - 5845		PowerPlex® Fusion 6C				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21	13	7,12	21.2,30.2	6,7	8,11
	17	10	19	17		
DBWDR4 - 5843		GlobalFiler™ Express				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21			21.2,30.2	6,7	8,11
	17,17	10			2	
DGBX9P - 5845		GlobalFiler™ Express				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10
	21			21.2,30.2	6,7	8
	17				2	
DH6LQK - 5843						
3	13,17.3	18,26		17,18	11,11	11,12
	8,11	11,15		17,23	11,12	12,13
	12,15	14,14	30,31		X,Y	10,11
	21,21	13,13	7,12		6,7	8,11
	17,17					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

DRN3EL - 5843	GlobalFiler™					
	13,17.3	18,26	11	17,18	11	
3	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21			21.2,30.2	6,7	8,11
	17	10			2	
DUTV6D - 5845	ANDE FlexPlex					
3						
DXDCL - 5843	GlobalFiler™ Express					
	13,17.3	18,26	11,11	17,18	11,11	
3	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21			21.2,30.2	6,7	8,11
	17,17	10			2	
EA24K8 - 5845	ANDE FlexPlex					
3						
ED2A4J - 5843	GlobalFiler™					
	13,17.3	18,26	11	17,18	11	
3	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21			21.2,30.2	6,7	8,11
	17	10			2	
EDJGXF - 5845	PowerPlex® Fusion					
	13,17.3	18,26	11,11	17,18	11,11	
3	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21	13,13	7,12		6,7	8,11
	17,17	10				
EDMQJM - 5843	PowerPlex® Fusion 6C					
	13,17.3	18,26	11,11	17,18	11,11	
3	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21	13,13	7,12	21.2,30.2	6,7	8,11
	17,17	10	19	17		

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

EZZJKZ - 5845		GlobalFiler™ Express				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21			21.2,30.2	6,7	8,11
	17	10			2	
FBFNDH - 5845		PowerPlex® Fusion 6C				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21	13,13	7,12	21.2,30.2	6,7	8,11
	17,17	10	19	17		
FCPZNR - 5843		GlobalFiler™				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21			21.2,30.2	6,7	8,11
	17	10			2	
FCQPYG - 5845		PowerPlex® Fusion 6C				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21	13,13	7,12	21.2,30.2	6,7	8,11
	17,17	10	19	17		
FDHN8M - 5843		PowerPlex® Fusion 6C				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21	13,13	7,12	21.2,30.2	6,7	8,11
	17,17	10	19	17		
FMKZB4 - 5844		GlobalFiler™ Express				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21			21.2,30.2	6,7	8,11
	17,17	10				
FPAERQ - 5843		NGM SElectExpress				
3	13,17.3	18,26	11,11	17,18		
		11,15	13,16	17,23		12,13
	12,15	14,14	30,31	11,15	X,Y	
	21,21			21.2,30.2	6,7	
	17,17					

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

FQ8PMU - 5843		PowerPlex® Fusion 6C				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21	13,13	7,12	21.2,30.2	6,7	8,11
	17,17	10	19	17		
FYJLQF - 5845		ANDE FlexPlex				
3				17,18		
		11,15	13,16			12,13
	12,15		30,31	11,15	X,Y	
	21,21			21.2,30.2	6,7	8,11
		10	19			
FZWDKH - 5843		GlobalFiler™				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21			21.2,30.2	6,7	8,11
	17	10			2	
G2MW2A - 5844		PowerPlex® Fusion 5C				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21	13	7,12		6,7	8,11
	17	10				
G6NVG9 - 5843		PowerPlex®				
3	13,17.3	18,26		17,18	11,11	11,12
	8,11	11,15		17,23	11,12	12,13
	12,15	14,14	30,31		X,Y	10,11
	21,21	13,13	7,12		6,7	8,11
	17,17					
GMM3NE - 5845		ANDE FlexPlex				
3	13,17.3	18,26		17,18		
		11,15				12,13
	12,15		30,31	11,15	X,Y	10,11
			7,12	21.2,30.2	6,7	8,11
			19	17		
H3CPAX - 5843		PowerPlex® Fusion 5C				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21	13,13	7,12		6,7	8,11
	17,17	10				

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

H7BUWQ - 5845		PowerPlex® Fusion 5C				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,*	X,Y	NR
	21	13	NR		6,7	8,11
	17	NR				
H7BV2W - 5843		GlobalFiler™ Express, GlobalFiler				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21			21.2,30.2	6,7	8,11
	17,17	10			2	
HBMRVX - 5843		PowerPlex® Fusion				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21	13,13	7,12		6,7	8,11
	17,17	10				
HDAGQB - 5845		PowerPlex® Fusion 5C				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21	13,13	7,12		6,7	8,11
	17,17	10				
HJWAZP - 5843		Investigator® 24plex GO!				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21			21.2,30.2	6,7	8,11
	17	10				
HJY26C - 5845		GlobalFiler™ Express				
3	13,17.3		11	17,18	11	
		11,15	13,16	17		
		14	30,31	11,15	X,Y	
	21				6,7	
	17				2	
HJYY4M - 5845		Identifiler® Plus				
3		18,26		17,18	11	
	8,11	11,15			11,12	12,13
	12,15	14	30,31		X,Y	10,11
	21				6,7	8,11
	17					

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

HQJ499 - 5844		PowerPlex® Fusion 5C				
	13,17.3	18,26	11	17,18	11	
3	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21	13	7,12		6,7	8,11
	17	10				
HWJE8L - 5845		Identifiler® Plus				
		18,26		17,18	11	
3	8,11	11,15			11,12	12,13
	12,15	14	30,31		X,Y	10,11
	21				6,7	8,11
	17					
HXZJWC - 5845		ANDE FlexPlex				
	13,17.3			17,18		
3	8,11	11,15	13,16	17,23		12,13
	12,15		30,31	11,15	X,Y	10,11
	21,21			21.2,30.2	6,7	8,11
		10				
K7Y8CE - 5844		PowerPlex® Fusion 6C				
	13,17.3	18,26	11	17,18	11	
3	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21	13	7,12	21.2,30.2	6,7	8,11
	17	10	19	17		
L6ZGKP - 5843		GlobalFiler™ Express				
	13,17.3	18,26	11,11	17,18	11,11	
3	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21			21.2,30.2	6,7	8,11
	17,17	10			2	
LNNEHC - 5845		GlobalFiler™				
	13,17.3	18,26	11	17,18	11	
3	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21			21.2,30.2	6,7	8,11
	17	10			2	
LQ469F - 5845		PowerPlex® Fusion 6C				
	13,17.3	18,26	11	17,18	11	
3	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21	13	7,12	21.2,30.2	6,7	8,11
	17	10	19	17		

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

LVHJBD - 5845		GlobalFiler™ Express				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21			21.2,30.2	6,7	8,11
	17	10			2	
M47T3U - 5843		GlobalFiler™ Express				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21			21.2,30.2	6,7	8,11
	17,17	10			2	
MAZUDA - 5845		GlobalFiler™ Express				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21			21.2,30.2	6,7	8,11
	17	10			2	
MKGH89 - 5845		GlobalFiler™ Express				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21			21.2,30.2	6,7	8,11
	17	10			2	
MKU92K - 5843		Investigator® 24plex GO!				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21			21.2,30.2	6,7	8,11
	17	10				
MMX2X4 - 5843		PowerPlex® Fusion, ESX-17				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21	13	7,12	21.2,30.2	6,7	8,11
	17	10				
MMX2ZP - 5843		GlobalFiler™ Express				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21			21.2,30.2	6,7	8,11
	17,17	10			2	

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

MQWDVP - 5843		GlobalFiler™ Express				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21			21.2,30.2	6,7	8,11
	17,17	10			2	
MX4VJH - 5843		PowerPlex® Fusion 5C				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21	13	7,12		6,7	8,11
	17	10				
NDRKU6 - 5843		Investigator® 24plex GO!				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21			21.2,30.3	6,7	8,11
	17	10				
NFZHLZ - 5843		PowerPlex® 5C				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21	13	7,12		6,7	8,11
	17	10				
NT396K - 5843		PowerPlex® Fusion 6C				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21	13	7,12	21.2,30.2	6,7	8,11
	17	10	19	17		
NT6XAG - 5843		GlobalFiler™				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21			21.2,30.2	6,7	8,11
	17	10			2	
NYXV3E - 5845		GlobalFiler™ Express				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21			21.2,30.2	6,7	8,11
	17	10			2	

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

P2RBRN - 5843		PowerPlex® Fusion 5C				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21	13,13	7,12		6,7	8,11
	17,17	10				
P6RGDK - 5843		GlobalFiler™ Express				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21			21.2,30.2	6,7	8,11
	17,17	10			2	
PA8XVP - 5845		GlobalFiler™ Express				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21			21.2,30.2	6,7	8,11
	17	10			2	
PCDDB9 - 5845		GlobalFiler™ Express				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21			21.2,30.2	6,7	8,11
	17	10			2	
PD7CHF - 5843		PowerPlex® Fusion				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21	13	7,12		6,7	8,11
	17	10				
PWKPV4 - 5845		ANDE FlexPlex				
3	13,17.3	18,26	11,11	17,18		
			13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21			21.2,30.2	6,7	8,11
		10	19	17		
PWMDE3 - 5844		PowerPlex® Fusion 5C				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21	13	7,12		6,7	8,11
	17	10				

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

Q6Q46J - 5843	GlobalFiler™ Express, GLOBALFILER					
	13,17.3	18,26	11,11	17,18	11,11	
3	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21			21.2,30.2	6,7	8,11
	17,17	10			2	
Q6UEA3 - 5845	ANDE FlexPlex					
3						
Q7N3RX - 5843	PowerPlex® Fusion 5C					
	13,17.3	18,26	11,11	17,18	11,11	
3	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21	13,13	7,12		6,7	8,11
	17,17	10				
QD37GC - 5843	PowerPlex® Fusion 6C					
	13,17.3	18,26	11,11	17,18	11,11	
3	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21	13,13	7,12	21.2,30.2	6,7	8,11
	17,17	10	19	17		
QRMNB2 - 5844	PowerPlex® Fusion 5C					
	13,17.3	18,26	11	17,18	11	
3	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21	13	7,12		6,7	8,11
	17	10				
R6MPLG - 5843	PowerPlex® Fusion 6C					
	13,17.3	18,26	11	17,18	11	
3	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21	13	7,12	21.2,30.2	6,7	8,11
	17	10	19	17		
RC7VJN - 5843	GlobalFiler™ Express					
	13,17.3	18,26	11,11	17,18	11,11	
3	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21			21.2,30.2	6,7	8,11
	17,17	10			2	

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

RGKNF9 - 5843		GlobalFiler™ Express				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21			21.2,30.2	6,7	8,11
	17,17	10			2	
RLPJ3N - 5843		GlobalFiler™ Express				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21			21.2,30.2	6,7	8,11
	17,17	10			2	
RNLZC6 - 5845		GlobalFiler Express				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21			21.2,30.2	6,7	8,11
	17	10			2	
RPTEMR - 5844		GlobalFiler™ Express				
3	13,17.3	18,26	11,11	17,18	11,11	
		11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21			21.2,30.2	6,7	8,11
	17,17					
T7UDAL - 5843		GlobalFiler™ Express				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21			21.2,30.2	6,7	8,11
	17,17	10			2	
T9723X - 5844		PowerPlex® Fusion 5C				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21	13	7,12		6,7	8,11
	17	10				
TCVUJ7 - 5845		PowerPlex® Fusion 6C				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21	13	7,12	21.2,30.2	6,7	8,11
	17	10	19	17		

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

TJK8LE - 5843		GlobalFiler™ Express				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21			21.2,30.2	6,7	8,11
	17,17	10			2	
TJPHQX - 5845		ANDE FlexPlex				
3	13,17.3	18,26		17,18		
	8,11	11,15		17,23		12,13
	12,15		30,31	11,15	X,Y	10,11
	21,21			21.2,30.2	6,7	8,11
	17,17					
TKCEW4 - 5845		GlobalFiler™, GlobalFiler Express				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21			21.2,30.2	6,7	8,11
	17	10			2	
TLPN8P - 5843		PowerPlex® Fusion 5C				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21	13,13	7,12		6,7	8,11
	17,17	10				
TUZ2X8 - 5845		PowerPlex® Fusion 6C				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21	13	7,12	21.2,30.2	6,7	8,11
	17	10	19	17		
TWTWV3 - 5845		PowerPlex® Fusion 6C				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21	13,13	7,12	21.2,30.2	6,7	8,11
	17,17	10	19	17		
TYFJL4 - 5843		GlobalFiler™				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21			21.2,30.2	6,7	8,11
	17	10			2	

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

TYU372 - 5845		ANDE Flex Plex					
		13,17.3		17,18		11,12	
3		8,11	11,15	13,16	17,23	11,12	
		12,15	14,14	30,31	11,15	X,Y	
		21,21		21.2,30.2	6,7	8,11	
			10	19	17		
U488H2 - 5845		GlobalFiler™ Express, GlobalFiler™					
		13,17.3	18,26	11	17,18	11	
3		8,11	11,15	13,16	17,23	11,12	
		12,15	14	30,31	11,15	X,Y	
		21		21.2,30.2	6,7	8,11	
		17	10		2		
U6CQAH - 5843		PowerPlex® Fusion 5C					
		13,17.3	18,26	11,11	17,18	11,11	
3		8,11	11,15	13,16	17,23	11,12	
		12,15	14,14	30,31	11,15	X,Y	
		21,21	13,13	7,12		6,7	
		17,17	10			8,11	
U6EETG - 5843		GlobalFiler™ Express					
		13,17.3	18,26	11,11	17,18	11,11	
3		8,11	11,15	13,16	17,23	11,12	
		12,15	14,14	30,31	11,15	X,Y	
		21,21		21.2,30.2	6,7	8,11	
		17,17	10		2		
U88DW8 - 5843		PowerPlex® Fusion					
		13,17.3	18,26	11	17,18	11	
3		8,11	11,15	13,16	17,23	11,12	
		12,15	14	30,31	11,15	X,Y	
		21	13	7,12		6,7	
		17	10			8,11	
UADVYA - 5843		GlobalFiler™ Express					
		13,17.3	18,26	11,11	17,18	11,11	
3		8,11	11,15	13,16	17,23	11,12	
		12,15	14,14	30,31	11,15	X,Y	
		21,21		21.2,30.2	6,7	8,11	
		17,17	10		2		
UKRVRW - 5844		PowerPlex® 5C					
		13,17.3	18,26	11	17,18	11	
3		8,11	11,15	13,16	17,23	11,12	
		12,15	14	30,31	11,15	X,Y	
		21	13	7,12		6,7	
		17	10			8,11	

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

URQGMD - 5845		Identifiler® Plus				
		18,26		17,18	11	
3	8,11	11,15			11,12	12,13
	12,15	14	30,31		X,Y	10,11
	21				6,7	8,11
	17					
URT7RA - 5845		Identifiler® Plus				
		18,26		17,18	11	
3	8,11	11,15			11,12	12,13
	12,15	14	30,31		X,Y	10,11
	21				6,7	8,11
	17					
UTZJBW - 5844		GlobalFiler™ 24				
	13,17.3	18,26	11,11	17,18	11,11	
3	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21			21.2,30.2	6,7	8,11
	17,17	10			2	
VFMVPA - 5845		Identifiler® Plus				
		18,26		17,18	11	
3	8,11	11,15			11,12	12,13
	12,15	14	30,31		X,Y	10,11
	21				6,7	8,11
	17					
VH6JNK - 5845		GlobalFiler™ Express				
	13,17.3	18,26	11	17,18	11	
3	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21			21.2,30.2	6,7	8,11
	17	10			2	
VKRD87 - 5843		GlobalFiler™ Express				
	13,17.3	18,26	11	17,18	11	
3	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21			21.2,30.2	6,7	8,11
	17	10			2	
VQXXG - 5843		PowerPlex® Fusion 5C				
	13,17.3	18,26	11,11	17,18	11,11	
3	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21	13,13	7,12		6,7	8,11
	17,17	10				

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

VR8X8X - 5845		ANDE FlexPlex				
3	13,17.3	18,26	11,11	17,18	11,11	11,12
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21		7,12	21.2,30.2	6,7	8,11
	17,17	10	19	17		
VUPCL7 - 5843		GlobalFiler™ Express				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21			21.2,30.2	6,7	8,11
	17,17	10			2	
VY7HEZ - 5845		GlobalFiler™, GlobalFiler Express				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21			21.2,30.2	6,7	8,11
	17	10			2	
W4F29L - 5843		PowerPlex® Fusion 5C				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21	13,13	7,12		6,7	8,11
	17,17	10				
W77ZP6 - 5843		PowerPlex® Fusion 6C				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21	13,13	7,12	21.2,30.2	6,7	8,11
	17,17	10	19	17		
W7LGN6 - 5843		GlobalFiler™ Express				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21			21.2,30.2	6,7	8,11
	17,17	10			2	
W9DFXW - 5843		Investigator® 24plex GO!				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21			21.2,30.2	6,7	8,11
	17	10				

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

WCQCBK - 5843		GlobalFiler™ Express				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21			21.2,30.2	6,7	8,11
	17,17	10			2	
WDKZUG - 5843		GlobalFiler™ Express				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21			21.2,30.2	6,7	8,11
	17,17	10			2	
WDMPXD - 5843		GlobalFiler™ Express				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21			21.2,30.2	6,7	8,11
	17,17	10			2	
WN3PHD - 5843		PowerPlex® Fusion 6C				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21	13	7,12	21.2,30.2	6,7	8,11
	17	10	19	17		
WN6EMB - 5843		GlobalFiler™				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21			21.2,30.2	6,7	8,11
	17	10			2	
WPF3M - 5844		GlobalFiler™ Express				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21			21.2,30.2	6,7	8,11
	17,17	10				
WWXUUAU - 5845		ANDE FlexPlex				
3	13,17.3	18,26		17,18		11,12
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15		30,31	11,15	X,Y	10,11
	21,21		7,12	21.2,30.2	6,7	8,11
		10		17		

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

X3U2EV - 5845		PowerPlex® Fusion				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21	13,13	7,12		6,7	8,11
	17,17	10				
X3XMQ3 - 5845		PowerPlex® Fusion 6C				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21	13	7,12	21.2,30.2	6,7	8,11
	17	10	19	17		
XAGLLG - 5843		GlobalFiler™ Express				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21			21.2,30.2	6,7	8,11
	17,17	10			2	
XF3JA6 - 5843		GlobalFiler™ Express				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21			21.2,30.2	6,7	8,11
	17,17	10			2	
XJ7GJC - 5843		PowerPlex® Fusion 5C				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21	13,13	7,12		6,7	8,11
	17,17	10				
XK32EC - 5843		PowerPlex® Fusion 6C				
3	13,17.3	18,26	11	17,18	11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21	13	7,12	21.2,30.2	6,7	8,11
	17	10	19	17		
YACQDV - 5843		Investigator® 24plex GO (Gene Mapper)				
3	13,17.3	18,26	11,11	17,18	11,11	
	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21			21.2,30.2	6,7	8,11
	17,17	10				

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping Software)					
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

YGGDFW - 5845 ANDE FlexPlex

3	

YGRAVA - 5843 Investigator® 24plex GO!

	13,17.3	18,26	11	17,18	11	
3	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21			21.2,30.2	6,7	8,11
	17	10				

YGUY7 - 5845 Identifiler® Plus

		18,26		17,18	11	
3	8,11	11,15			11,12	12,13
	12,15	14	30,31		X,Y	10,11
	21				6,7	8,11
	17					

Z2X637 - 5844

	13,17.3	18,26	11	17,18	11	
3	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21			21.2,30.2	6,7	8,11
	17	10			2	

Z3AYKR - 5843 GlobalFiler™

	13,17.3	18,26	11	17,18	11	
3	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14	30,31	11,15	X,Y	10,11
	21			21.2,30.2	6,7	8,11
	17	10			2	

ZCUBV4 - 5845 Identifiler® Plus

		18,26		17,18	11	
3	8,11	11,15			11,12	12,13
	12,15	14	30,31		X,Y	10,11
	21				6,7	8,11
	17					

ZJUR7A - 5843 PowerPlex® Fusion 5C

	13,17.3	18,26	11,11	17,18	11,11	
3	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21	13,13			6,7	8,11
	17,17	10				

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping Software)				
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	

Item 3 - STR Results

ZVLEEQ - 5845	PowerPlex® Fusion 5C					
	13,17.3	18,26	11,11	17,18	11,11	
3	8,11	11,15	13,16	17,23	11,12	12,13
	12,15	14,14	30,31	11,15	X,Y	10,11
	21,21	13,13	7,12		6,7	8,11
	17,17	10				
ZZZU74 - 5845	Identifiler® Plus					
		18,26		17,18	11	
3	8,11	11,15			11,12	12,13
	12,15	14	30,31		X,Y	10,11
	21				6,7	8,11
	17					

YSTR Amplification Kit(s) & Results

TABLE 2

WebCode - Test		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
33XCYP - 5845	PowerPlex® Y 23								
2	14	11,14	13	29	23	11	13	13	
	15	12	11	19	17	17		22	
	12	12	17	17		23	10	11	
3JPXU8 - 5843	PowerPlex® Y 23								
2	14	11,14	13	29	23	11	13	13	
	15	12	11	19	17	17		22	
	12	12	17	17		23	10	11	
3LVDD8 - 5843	Yfiler®								
2	14	11,14	13	29	23	11	13	13	
	15	12	11	19	17	17		22	
						23		11	
3WYE4X - 5843	PowerPlex® Y 23								
2	14	11,14	13	29	23	11	13	13	
	15	12	11	19	17	17		22	
	12	12	17	17		23	10	11	
466Q7L - 5843	PowerPlex® Y 23								
2	14	11,14	13	29	23	11	13	13	
	15	12	11	19	17	17		22	
	12	12	17	17		23	10	11	
4LT2TN - 5843	PowerPlex® Y 23 SYSTEM								
2	14	11,14	13	29	23	11	13	13	
	15	12	11	19	17	17		22	
	12	12	17	17		23	10	11	
4NDT36 - 5843	PowerPlex® Y 23								
2	14	11,14	13	29	23	11	13	13	
	15	12	11	19	17	17		22	
	12	12	17	17		23	10	11	
6GTDPL - 5845	PowerPlex® Y 23 SYSTEM								
2	14	11,14	13	29	23	11	13	13	
	15	12	11	19	17	17		22	
	12	12	17	17		23	10	11	
7B7QLT - 5843	PowerPlex® Y 23								
2	14	11,14	13	29	23	11	13	13	
	15	12	11	19	17	17		22	
	12	12	17	17		23	10	11	
94WBW4 - 5843	PowerPlex® Y 23								
2	14	11,14	13	29	23	11	13	13	
	15	12	11	19	17	17		22	
	12	12	17	17		23	10	11	
BC239V - 5844	Yfiler®								
2	14	11,14	13	29	23	11	13	13	
	15	12	11	19	17	17		22	
						23		11	

TABLE 2

WebCode - Test		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
DBF62N - 5845	PowerPlex® Y 23								
2	14	11,14	13	29	23	11	13	13	
	15	12	11	19	17	17		22	
	12	12	17	17		23	10	11	
FQ8PMU - 5843	PowerPlex® Y 23								
2	14	11,14	13	29	23	11	13	13	
	15	12	11	19	17	17		22	
	12	12	17	17		23	10	11	
G2MW2A - 5844	PowerPlex® Y 23								
2	14	11,14	13	29	23	11	13	13	
	15	12	11	19	17	17		22	
	12	12	17	17		23	10	11	
K7Y8CE - 5844	Yfiler® Plus								
2	35,37	14	11,14	13	29	23	11	13	13
	15	12	11	19	29	17	17	11	22
	38	12		17	17	21	23		11
MMX2X4 - 5843	PowerPlex® Y 23								
2	14	11,14	13	29	23	11	13	13	
	15	12	11	19	17	17		22	
	12	12	17	17		23	10	11	
NT396K - 5843	PowerPlex® Y 23								
2	14	11,14	13	29	23	11	13	13	
	15	12	11	19	17	17		22	
	12	12	17	17		23	10	11	
T9723X - 5844	PowerPlex® Y 23								
2	14	11,14	13	29	23	11	13	13	
	15	12	11	19	17	17		22	
	12	12	17	17		23	10	11	
TUZ2X8 - 5845	PowerPlex® Y 23								
2	14	11,14	13	29	23	11	13	13	
	15	12	11	19	17	17		22	
	12	12	17	17		23	10	11	
UKRVRW - 5844	PowerPlex® Y 23								
2	14	11,14	13	29	23	11	13	13	
	15	12	11	19	17	17		22	
	12	12	17	17		23	10	11	
UTZJBW - 5844	Yfiler® 25								
2	35,37	14	11,14	13	29	23	11	13	13
	15	12	11	19	29	17	17	11	22
	38	12		17	17	21	23		11
VQXXG - 5843	PowerPlex® Y 23								
2	14	11,14	13	29	23	11	13	13	
	15	12	11	19	17	17		22	
	12	12	17	17		23	10	11	
WN3PHD - 5843	PowerPlex® Y 23								
2	14	11,14	13	29	23	11	13	13	
	15	12	11	19	17	17		22	
	12	12	17	17		23	10	11	

TABLE 2

WebCode - Test		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 2 - YSTR Results

X3XMQ3 - 5845		PowerPlex® Y 23							
2		14	11,14	13	29	23	11	13	13
	15	12	11	19		17	17		22
		12	12	17	17		23	10	11
XJ7GJC - 5843		PowerPlex® Y 23							
2		14	11,14	13	29	23	11	13	13
	15	12	11	19		17	17		22
		12	12	17	17		23	10	11
XK32EC - 5843		PowerPlex® Y 23							
2		14	11,14	13	29	23	11	13	13
	15	12	11	19		17	17		22
		12	12	17	17		23	10	11
YACQDV - 5843		Yfiler® Plus							
2	35,37	14	11,14	13	29	23	11	13	13
	15	12	11	19	29	17	17	11	22
	38	12		17	17	21	23		11
Z3AYKR - 5843		PowerPlex® Y 23							
2		14	11,14	13	29	23	11	13	13
	15	12	11	19		17	17		22
		12	12	17	17		23	10	11
ZVLEEQ - 5845		Argus Y12 QS							
2		14	11,14	13	29	23	11	13	13
	15	12	11						

TABLE 2

WebCode - Test		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 3 - YSTR Results									
33XCYF - 5845	PowerPlex® Y 23								
3	14	14,15	12	28	23	10	11	13	
	16	10	12	20	14	16		26	
	11	12	19	17		22	12	11	
3JPXU8 - 5843	PowerPlex® Y 23								
3	14	14,15	12	28	23	10	11	13	
	16	10	12	20	14	16		26	
	11	12	19	17		22	12	11	
3LVDD8 - 5843	Yfiler®								
3	14	14,15	12	28	23	10	11	13	
	16	10	12	20	14	16		26	
						22		11	
3WYE4X - 5843	PowerPlex® Y 23								
3	14	14,15	12	28	23	10	11	13	
	16	10	12	20	14	16		26	
	11	12	19	17		22	12	11	
466Q7L - 5843	PowerPlex® Y 23								
3	14	14,15	12	28	23	10	11	13	
	16	10	12	20	14	16		26	
	11	12	19	17		22	12	11	
4LT2TN - 5843	PowerPlex® Y 23 SYSTEM								
3	14	14,15	12	28	23	10	11	13	
	16	10	12	20	14	16		26	
	11	12	19	17		22	12	11	
4NDT36 - 5843	PowerPlex® Y 23								
3	14	14,15	12	28	23	10	11	13	
	16	10	12	20	14	16		26	
	11	12	19	17		22	12	11	
6GTDPL - 5845	PowerPlex® Y 23 SYSTEM								
3	14	14,15	12	28	23	10	11	13	
	16	10	12	20	14	16		26	
	11	12	19	17		22	12	11	
7B7QLT - 5843	PowerPlex® Y 23								
3	14	14,15	12	28	23	10	11	13	
	16	10	12	20	14	16		26	
	11	12	19	17		22	12	11	
94WBW4 - 5843	PowerPlex® Y 23								
3	14	14,15	12	28	23	10	11	13	
	16	10	12	20	14	16		26	
	11	12	19	17		22	12	11	
BC239V - 5844	Yfiler®								
3	14	14,15	12	28	23	10	11	13	
	16	10	12	20	14	16		26	
						22		11	
DBF62N - 5845	PowerPlex® Y 23								
3	14	14,15	12	28	23	10	11	13	
	16	10	12	20	14	16		26	
	11	12	19	17		22	12	11	

TABLE 2

WebCode - Test		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 3 - YSTR Results									
FQ8PMU - 5843	PowerPlex® Y 23								
3	14	14,15	12	28	23	10	11	13	
	16	10	12	20	14	16		26	
	11	12	19	17		22	12	11	
G2MW2A - 5844	PowerPlex® Y 23								
3	14	14,15	12	28	23	10	11	13	
	16	10	12	20	14	16		26	
	11	12	19	17		22	12	11	
K7Y8CE - 5844	Yfiler® Plus								
3	37,38	14	14,15	12	28	23	10	11	13
	16	10	12	20	29	14	16	10	26
	38	11		19	17	20	22		11
MMX2X4 - 5843	PowerPlex® Y 23								
3	14	14,15	12	28	23	10	11	13	
	16	10	12	20	14	16		26	
	11	12	19	17		22	12	11	
NT396K - 5843	PowerPlex® Y 23								
3	14	14,15	12	28	23	10	11	13	
	16	10	12	20	14	16		26	
	11	12	19	17		22	12	11	
T9723X - 5844	PowerPlex® Y 23								
3	14	14,15	12	28	23	10	11	13	
	16	10	12	20	14	16		26	
	11	12	19	17		22	12	11	
TUZ2X8 - 5845	PowerPlex® Y 23								
3	14	14,15	12	28	23	10	11	13	
	16	10	12	20	14	16		26	
	11	12	19	17		22	12	11	
UKRVRW - 5844	PowerPlex® Y 23								
3	14	14,15	12	28	23	10	11	13	
	16	10	12	20	14	16		26	
	11	12	19	17		22	12	11	
UTZJBW - 5844	Yfiler® 25								
3	37,38	14	14,15	12	28	23	10	11	13
	16	10	12	20	29	14	16	10	26
	38	11		19	17	20	22		11
VQQXXG - 5843	PowerPlex® Y 23								
3	14	14,15	12	28	23	10	11	13	
	16	10	12	20	14	16		26	
	11	12	19	17		22	12	11	
WN3PHD - 5843	PowerPlex® Y 23								
3	14	14,15	12	28	23	10	11	13	
	16	10	12	20	14	16		26	
	11	12	19	17		22	12	11	
X3XMQ3 - 5845	PowerPlex® Y 23								
3	14	14,15	12	28	23	10	11	13	
	16	10	12	20	14	16		26	
	11	12	19	17		22	12	11	

TABLE 2

WebCode - Test		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3 - YSTR Results

XJ7GJC - 5843		PowerPlex® Y 23							
3		14	14,15	12	28	23	10	11	13
	16	10	12	20		14	16		26
		11	12	19	17		22	12	11
XK32EC - 5843		PowerPlex® Y 23							
3		14	14,15	12	28	23	10	11	13
	16	10	12	20		14	16		26
		11	12	19	17		22	12	11
YACQDV - 5843									
3	37,38	14	14,15	12	28	23	10	11	13
	16	10	12	20	29	14	16	10	26
	38	11		19	17	20	22		11
Z3AYKR - 5843									
3		14	14,15	12	28	23	10	11	13
	16	10	12	20		14	16		26
		11	12	19	17		22	12	11
ZVLEEQ - 5845		Argus Y12 QS							
3		14	14,15	12	28	23	10	11	13
	16	10	12						

Additional DNA Results

TABLE 3

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 - Test	Item 1	Item 2	Item 3
F13A01	4LT2TN - 5843	6,15	6,7	5,7
	6GTDPL - 5845	6,15	6,7	5,7
F13B	4LT2TN - 5843	8,10	10,10	8,10
	6GTDPL - 5845	8,10	10,10	8,10
FESFPS	4LT2TN - 5843	12,13	11,12	10,11
	6GTDPL - 5845	12,13	11,12	10,11
LPL	4LT2TN - 5843	11,13	9,12	10,12
	6GTDPL - 5845	11,13	9,12	10,12
PENTA C	4LT2TN - 5843	13,14	11,13	9,11
	6GTDPL - 5845	13,14	11,13	9,11

Additional Comments

TABLE 4

WebCode - Test	Additional Comments
22XMDZ - 5845	Partial results are being reported for Items 1 and 3, as reportable full profiles were not obtained from those items after multiple processing attempts. Potential drop out is being considered for the following items/loci due to peak heights below the laboratory's validated stochastic threshold: Item 1 Loci: CSF1PO, TPOX, D18D51, D7S820, SE33. Item 2 Loci: CSF1PO, TPOX, DYS391, D7S820, SE33.
48T7UV - 5844	NR = no results
4ECFDQ - 5845	The results for Item 3 were obtained using ANDE rapid DNA testing, and the profile is considered a passing profile per the instrument expert system. Results were not obtained for all loci. No DNA profile was obtained for Item 2 using ANDE rapid DNA testing.
4PWL8A - 5845	Partial results are being reported for Items 2 and 3, as a full profile was not obtained after multiple processing attempts. Potential drop out is being considered for the following item/locus due to peaks heights below the laboratory's validated stochastic threshold: Item 3 at SE33
4X88UH - 5845	The results for Items 1, 2, and 3 were obtained using ANDE rapid DNA testing, and the profiles are considered passing profiles per the instrument expert system. Results were not obtained for all loci on Item 3.
8K9BNL - 5845	This proficiency test is strictly a Rapid DNA proficiency. Current procedures are that if one of the samples gives a green check mark, that is sufficient for reporting and for the I-Chip, only 10 loci need to give results in order to report. Item 2 did not have a full profile but had sufficient loci in order for the green check to fire, that is why there are not results for AMEL, PentaE, D5S818, DYS391, D8S1179, D12S391, DYS576 or DYS570. Item 3 did not give a green check, thus no results were entered.
94WBW4 - 5843	The method used in this test is direct amplification
9CB64J - 5845	This proficiency test is strictly a Rapid DNA proficiency. Current procedures are that if one of the samples gives a green check mark, that is sufficient for reporting and for the I-Chip, only 10 loci need to give results in order to report. The results for Items 2 and 3 were obtained using ANDE rapid DNA testing, and the profile is considered a passing profile per the instrument expert system. Results were not obtained for all loci.
A7EVAB - 5845	The results for Item 1 were obtained using ANDE rapid DNA testing. While results were not obtained for all loci, this profile is considered a passing profile per the instrument expert system.
D9RTZW - 5843	A partial profile was developed for Item 3 using automated methods. The technician assigned to this test is not trained in manual methods so the results were reported without going through a manual process. The associated controls and other samples performed as expected.
DAN4Z7 - 5844	The Y indel is not analyzed by the data laboratory; therefore, Y indel results are not reported. Four attempts were made to obtain a full profile for Item 3; however, a full profile was not obtained. Only the loci with results above the [Laboratory Identifying] peak interpretation threshold (PIT) are included in the DNA results table.
DBF62N - 5845	Samples labeled Item 1, Item 2, and Item 3 were tested and charted using the PCR-based Promega PowerPlex Fusion 6C System. Samples labeled Item 2 and Item 3 were tested and charted using the PCR-based Promega PowerPlex Y23 System. All evidence will be retained at [Laboratory] until the proficiency results are confirmed, at which point the evidence will be discarded.
DGBX9P - 5845	Partial results are being reported for Item 3, as a reportable full profile was not obtained after multiple processing attempts. Potential drop out is being considered for the following item/locus due to peaks heights below the laboratory's validated stochastic threshold: Item 3, loci CSF1PO and TPOX.

TABLE 4

WebCode - Test	Additional Comments
DUTV6D - 5845	Item 2: The results were obtained using ANDE rapid DNA testing, and the profile is considered a passing profile per the instrument expert system. Results were not obtain for all loci. Item 3: No DNA profile was obtained.
EA24K8 - 5845	These samples were profiled using the ANDE expert system. The ANDE expert system allows for 10/27 passing loci on an I-chip for an interpretable male profile. Item #1 did not pass and no profile was determined. Item #2 had a male profile with 18/27 passing loci. Item #3 failed on the ANDE expert system and no profile was determined.
FMKZB4 - 5844	Y indel is not analyzed by database laboratory, therefore Y indel results are not reported. Sample 3 had to go through recovery process, due to weak results.
FYJLQF - 5845	The results for Items 1 and 3 were obtained using ANDE rapid DNA testing, and the profile is considered a passing profile per the instrument expert system. Results were not obtained for all loci for Item 3. Results from Item 2 were not considered passing and were not included in this report.
GMM3NE - 5845	The results for Item 3 were obtained using ANDE rapid DNA testing, and the profile is considered a passing profile per the instrument expert system. Results were not obtain for all loci
H7BUWQ - 5845	Degradation and inhibition noted in items 2 and 3. Reporting partial profiles. Profiles ok for reporting per [Laboratory]'s SOP for DirectAmp samples - dropout permitted for databasing in casework if degradation/inhibition observed. Y-STR not routinely processed for databasing. * - indicates possible allelic dropout. NR - no results.
HJY26C - 5845	Partial results are being reported for Item 3, as a reportable full profile was not obtained after multiple processing attempts. Potential drop out is being considered for the following item/locus due to peaks heights below the laboratory's validated stochastic threshold: Item 3, D12S391.
HXZJWC - 5845	The results for Items 1, 2, and 3 were obtained using ANDE rapid DNA testing. The profiles are considered passing profiles per the instrument expert system. Results were not obtained for all loci.
K7JWN8 - 5845	This proficiency test is strictly a Rapid DNA proficiency. Current procedures are that if one of the samples gives a green check mark, that is sufficient for reporting and for the I-Chip, only 10 loci need to give results in order to report. The results for Item 2A were obtained using ANDE rapid DNA testing, and the profile is considered a passing profile per the instrument expert system. Results were not obtain for all loci. Items 1A or 3A did not give a green check on the ANDE, thus no results were entered.
K7Y8CE - 5844	NR = NO RESULTS
LNNEHC - 5845	All samples were initially run using GlobalFiler Express, but three partial profiles were obtained. Reamplification following extended incubation time also resulted in three partial profiles. All partial profiles were concordant with the results obtained after extraction, quantification, and amplification using GlobalFiler reagents. [Name] 09.14.2022
LQ469F - 5845	Samples labeled Item 1, Item 2, and Item 3 were tested and charted using the PCR-based Promega PowerPlex Fusion 6C System. All evidence will be retained at [Laboratory] until the proficiency test results are confirmed, at which point the evidence will be discarded.
MAZUDA - 5845	Using Global Filer reagents, Sample 1 was also extracted on an EZ-1, quantified using Quant Trio, and amplified. The profile obtained was 100% concordant.
NFZHLZ - 5843	NR= No Result
PCDDB9 - 5845	Item 2 was selected to be extracted, quantified, amplified and analyzed using GlobalFiler reagents. A final profile was generated and is concordant to the original generated profile.
PWKPV4 - 5845	Samples were profiled using the ANDE instrument and expert software. Per laboratory procedures a profile with 10 or more loci is a passing profile. ANDE analysis of Item 1 did not result in a passing profile and therefore results are not reported for this sample.

TABLE 4

WebCode - Test	Additional Comments
Q6UEA3 - 5845	Items 2 and 3: did not pass on ANDE instrument per our SOP. Normal casework these knowns would be re-extracted and profiled.
Q7N3RX - 5843	NR = No Result
RPTEMR - 5844	Y-indel is not analyzed by the database laboratory; therefore Y-indel results are not reported. After exhausting all recovery steps, was unable to obtain results at DYS391 and D7S820 for Item 3. However, per protocol, this item is acceptable as reported.
TCVUJ7 - 5845	Samples labeled Item 1, Item2, and Item 3 were tested and charted using the PCR-based Promega PowerPlex Fusion 6C System. All evidence will be retained at [Laboratory] until the proficiency test results are confirmed, at which point the evidence will be discarded.
TJPHQX - 5845	The results for Items 1, 2, and 3 were obtained using ANDE rapid DNA testing. The profiles are considered passing profiles per the instrument expert system. Results were not obtained for all loci.
TUZ2X8 - 5845	Samples labeled Item 1, Item 2, and Item 3 were tested and charted using the PCR-based Promega PowerPlex Fusion 6C System. Sample labeled Item 2 and Item 3 were tested and charted using the PCR-based Promega PowerPlex Y23 System. All evidence will be retained at [Laboratory] until the proficiency test results are confirmed, at which point the evidence will be discarded.
TYU372 - 5845	The results for Items 1 and 3 were obtained using ANDE rapid DNA testing, and the profiles were considered passing profiles per the instrument expert system. Results were not obtained for all applicable loci of Item 3. Results were obtained for all applicable loci of Item 1. ANDE rapid DNA testing was attempted on Item 2, and the profile was not considered a passing profile per the instrument expert system.
UTZJBW - 5844	THE GENETIC PROFILES OBTAINED WERE ENTERED AND STORED IN THE SMALLPOND DATABASE OF THE FORENSIC GENETICS LABORATORY OF THE [State].
VKRD87 - 5843	DNA Interpretations not reported; samples analyzed for database purposes only.
VR8X8X - 5845	The results for Items 1, 2, and 3 were obtained using ANDE rapid DNA testing. The profiles are considered passing profiles per the instrument expert system.
WPFB3M - 5844	Y indel is not analyzed by the database laboratory; therefore, Y indel results are not reported.
WWXUAU - 5845	The results for Items 1, 2 and 3 were obtained used ANDE rapid DNA testing, and the profile is considered a passing profile per the instrument expert system. Results were not obtained for all loci.
X3XMQ3 - 5845	Items 1-3 were tested and charted using the PCR-based Promega Powerplex Fusion 6C System. Items 1-3 were also tested and charted using the PCR-based Promega Powerplex Fusion Y23 System. All evidence will be retained at [Laboratory] until the proficiency results are confirmed, at which point the evidence will be discarded.
YGGDFW - 5845	The results for Items 1, 2, and 3 were obtained using ANDE rapid DNA testing. The profiles are considered passing profiles per the instrument expert system. Results were not obtained for Item 3
ZJUR7A - 5843	A partial profile was developed for items 2 and 3 using automated methods. The technician assigned to this test is not trained in manual methods so the results were reported without going through a manual process. The associated controls and other samples performed as expected.

-End of Report-
(Appendix may follow)

Collaborative Testing Services ~ Forensic Testing Program

Test No. 22-5843: DNA Database - Saliva

DATA MUST BE SUBMITTED BY **Sept. 26, 2022, 11:59 p.m.** TO BE INCLUDED IN THE REPORT

Participant Code: U1234A

WebCode: GNV6G6

The Accreditation Release section can be accessed by using the "Continue to Final Submission" button above. This information can be entered at any time prior to submitting to CTS.

Scenario:

Three known buccal/saliva standards were collected from identified subjects and are provided to your laboratory for analysis for database purposes. You are requested to perform DNA analyses (STR and YSTR) on these known standards and report the allelic results that would be recorded in the database.

Please note, the saliva is deposited on the FTA indicating Micro Cards by dispensing the fluid onto the center of the circle.

Items Submitted (Sample Pack DBF2 - FTA Indicating Micro Card):

Item 1: Known buccal/saliva standard from Individual 1 (Female)

Item 2: Known buccal/saliva standard from Individual 2 (Male)

Item 3: Known buccal/saliva standard from Individual 3 (Male)

Part I: DNA Results for Known Item 1

- Report alleles in numerical order, separated by a comma.
- Follow your laboratory procedures for reporting homozygotes (i.e. X,X or X) and null responses.
- If your laboratory policy is to indicate minor or weaker alleles, please enclose them within brackets [].

STR Amplification Kit(s) Used:

Please check all the brands that apply for this item and record only additional kit specific information in the blank provided (i.e. 16, Plus, Direct, HS, etc.).

Identifiler®
 GlobalFiler™
 Investigator® 24plex

 PowerPlex®
 Other

Report the Probabilistic Genotyping Software Used (if applicable):

Alleles below are sorted in Default order.

ITEM	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
1						
ITEM	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
1						
ITEM	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
1						
ITEM	FGA	Penta D	Penta E	SE33	TH01	TPOX
1						
ITEM	vWA	DYS391	DYS570	DYS576	Y Indel	
1						

Part I (continued): DNA Analysis - Additional DNA

- Use this section to report results for loci not currently listed in other sections of the data sheet.
- Report alleles in numerical order, separated by a comma.
- Click "Add Row" to show another row of boxes for entry.

Locus	Item 1	Item 2	Item 3		

Part II: ADDITIONAL COMMENTS

- Use this section to report comments regarding any part of this DNA Database Saliva Test.
- Written conclusions (including statistical information) for DNA analysis are not required.
- Note: Laboratories submitting their results for 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.

Please note: Any additional formatting applied in the free form space below will not transfer to the Summary Report and may cause your information to be illegible. This includes additional spacing and returns that present your responses in lists and tabular formats.

Optional Questions

1: What extraction method(s) was used for the samples in this proficiency test?

2: If automated extraction was used, please list the type of instrumentation used.

3: What substrate does your laboratory typically use to collect and/or process known saliva standards? Please provide specific brand names, if possible.

4: Based on the procedures used in your laboratory, what techniques are used when a full profile cannot be obtained?

RELEASE OF DATA TO ACCREDITATION BODIES

The Accreditation Release is accessed by pressing the "Continue to Final Submission" button online and can be completed at any time prior to submission to CTS.

CTS submits external proficiency test data directly to ASCLD/LAB, ANAB, and/or 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 below must be completed.)
- This participant's data is **not** intended for submission to ASCLD/LAB, ANAB, and/or A2LA.

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.

ANAB Certificate No.
(Include ASCLD/LAB Certificate here)

A2LA Certificate No.

Step 2: Complete the Laboratory Identifying Information in its entirety.

Authorized Contact Person and Title

Laboratory Name

Location (City/State)