



DNA Database - Saliva Test No. 23-5843/4/5 Summary Report

Each participant received a sample set consisting of three buccal/saliva standards which they were requested to analyze using their existing protocols. Data were returned from 172 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 μ l of the cell suspension, the Bode Buccal® DNA Collectors were spotted with 200 μ l of the cell suspension, and the Puritan® Cap-Shure® swabs were spotted with 125 μ l of the cell suspension. Item 1 was created using a male donor. Item 2 and Item 3 were created using two different female 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 24, 2023.

SAMPLE SET ASSEMBLY: For each sample set, all Items (1-3) of the same substrate type were packaged into separate envelopes and then placed together in a pre-labeled sample set envelope and sealed. The sealed sample set envelopes were then packaged in pre-labeled heat seal envelopes and sealed. This process was repeated until all of the sample sets were prepared.

VERIFICATION: All predistribution laboratories confirmed the manufacturer's expected associations. Consistent allelic results were reported for all STR and YSTR loci across all three substrates.

Key to Test Substrates

5843 - FTA™ Indicating Micro Cards

5844 - Bode Buccal® DNA 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	13,17.3	18,24	10,14	14,14	11,12	*
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26	9,10	11,11	16,22.2	8,9.3	8,11
	17,18	11	17	18	2	
2	14,17	24,24	11,11	16,17	11,11	*
	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24	11,13	11,16	15,29.2	7,7	8,10
	14,14	NM	NM	NM	NM	
3	11,16.3	20,24	11,11	15,18	9,11	*
	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20	12,14	12,18	21.2,28.2	6,9.3	8,11
	16,18	NM	NM	NM	NM	

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
1	*	14	11,14	13	29	23	11	13	13
	15	12	12	19	*	16	17	*	22
	*	12	13	17	18	*	23	10	11

* A consensus was not achieved for the loci indicated.

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

Summary Comments

The DNA Database - Saliva test was designed to allow participants to assess their proficiency in the analysis of buccal samples by means of DNA profiling. Each sample set 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 male donor. Item 2 and Item 3 were created using two different female donors. (See Manufacturer's Information for preparation details)

Of the STR results returned, six participants reported results that differed from the consensus results for one or more locus. Additionally, nine participants noted in their Additional Comments that they experienced difficulty obtaining a full profile from Item 1, most of which reported the use of GlobalFiler™ or GlobalFiler™ Express. A majority of these participants analyzed the FTA™ Indicating Micro Card and Bode Buccal® DNA Collector substrates.

Of the YSTR results returned, all participants reported results that were consistent with the consensus results.

STR Amplification Kit(s) & Results

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

277WM3 - 5843	GlobalFiler™ Express					
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
28374Y - 5843	GlobalFiler™					
	13,17.3	18,24	10,14	14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
2A77X4 - 5843	Investigator® 24plex GO!					
	13,17.3	18,24	10,14	14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11				
2D3UB6 - 5843	GlobalFiler™ Express, GlobalFiler					
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
2GFLZJ - 5845	GlobalFiler™					
	13,17.3	18,24	10,14	14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
2MLHGY - 5843	GlobalFiler™ Express					
	13,17.3	18,24	10,14	14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

2QKUFJ - 5845	GlobalFiler™ Express					
	13,17.3	18,24	10,14	14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
2QUGMR - 5845	PowerPlex® Fusion 6C					
	13,17.3	18,24	10,14	14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26	9,10	11	16,22.2	8,9.3	8,11
	17,18	11	17	18		
2R8TKW - 5843	GlobalFiler™ Express					
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
2VQ8NW - 5843	GlobalFiler™ Express					
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
3CWJ4T - 5845	GlobalFiler™ Express					
	13,17.3	18,24	10,14	14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
3JFMCV - 5845	GlobalFiler™, GlobalFiler Express					
	13,17.3	18,24	10,14	14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
3JX7HT - 5845	GlobalFiler™ Express					
	13,17.3	18,24	10,14	14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

3VJFC8 - 5844	GlobalFiler™ Express					
	13,17.3	18,24	10,14	14,14	11,12	
1		11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18					
3Y6ZJW - 5845	GlobalFiler™ IQC					
	13,17.3	18,24	10,14	14,14	11,12	
1		11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
46ARBC - 5843	PowerPlex® Fusion 5C					
	13,17.3	18,24	10,14	14,14	11,12	
1		11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26	9,10	11,11		8,9.3	8,11
	17,18	11				
4A3D28 - 5843	GlobalFiler™					
	13,17.3	18,24	10,14	14	11,12	
1		11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
4AHJEC - 5844	GlobalFiler™ Express					
	13,17.3	18,24	10,14	14,14	11,12	
1		11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11				
4DQ4NC - 5843	PowerPlex® Fusion 5C					
	13,17.3	18,24	10,14	14,14	11,12	
1		11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26	9,10	11,11		8,9.3	8,11
	17,18	11				
4DZUDZ - 5845	Investigator 26plex (GeneMapper ID-X 1.5)					
	13,17.3	18,24	10,14	14,14	11,12	11,18
1		11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26	9,10	11,11		8,9.3	8,11
	17,18	11				

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

4KFMEZ - 5843	GlobalFiler™ Express, GlobalFiler					
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
4ZX4UH - 5844	PowerPlex® Fusion 5C					
	13,17.3	18,24	10,14	14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26	9,10	11		8,9.3	8,11
	17,18	11				
63FP2W - 5845	Identifiler® Plus					
		18,24		14	11,12	
1	9,10	11,12			11,13	9,11
	14,15	15	31.2,32.2		X,Y	10,11
	22,26				8,9.3	8,11
	17,18					
6DDVP3 - 5844	GlobalFiler™ Express					
1						
6DK9HC - 5843	PowerPlex® Fusion 5C					
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26	9,10	11,11		8,9.3	8,11
	17,18	11				
6L8ZH4 - 5843	GlobalFiler™ IQC, Verifiler Plus					
	13,17.3	18,24	10,14	14,14	11,12	11,18
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26	9,10	11,11	16,22.2	8,9.3	8,11
	17,18	11	-	-	2,2	
6MAT8H - 5843	GlobalFiler™ Express					
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping)				
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

6VEFMQ - 5843		GlobalFiler™ Express				
1	13,17.3	18,24	10,14	14,14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
72YZ6W - 5843		GlobalFiler™ Express				
1	13,17.3	18,24	10,14	14,14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
76BZYP - 5843		GlobalFiler™ Express				
1	13,17.3	18,24	10,14	14,14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
77X46W - 5845		Identifiler® Plus				
1		18,24		14	11,12	
	9,10	11,12			11,13	9,11
	14,15	15	31.2,32.2		X,Y	10,11
	22,26				8,9.3	8,11
	17,18					
7DYXGH - 5843		PowerPlex® Fusion 6C and 5C				
1	13,17.3	18,24	10,14	14,14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26	9,10	11,11	16,22.2	8,9.3	8,11
	17,18	11	17	18		
7FX4C9 - 5845		PowerPlex® Fusion, PowerPlex® ESX17				
1	13,17.3	18,24	10,14	14,14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26	9,10	11,11	16,22.2	8,9.3	8,11
	17,18	11				
7LMERY - 5844		GlobalFiler™				
1	13,17.3	18,24	10,14	14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping)				
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

7Z7WMN - 5845		GlobalFiler™				
1	13,17.3	18,24	10,14	14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
844VER - 5845		GlobalFiler™ Express, GlobalFiler™				
1	13,17.3	18,24	10,14	14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
8DQ4TM - 5843		GlobalFiler™ Express				
1	13,17.3	18,24	10,14	14,14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11,11			2	
8JEL9K - 5845		PowerPlex® Fusion 6C				
1	13,17.3	18,24	10,14	14	11,12	NR
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26	9,10	11	16,22.2	8,9.3	8,11
	17,18	11	17	18	NR	
8W2T7K - 5845		PowerPlex® Fusion 6C				
1	13,17.3	18,24	10,14	14	11,12	NR
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26	9,10	11	16,22.2	8,9.3	8,11
	17,18	11	17	18	NR	
8XCvU6 - 5843		PowerPlex® Fusion 5C				
1	13,17.3	18,24	10,14	14,14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26	9,10	11,11		8,9.3	8,11
	17,18	11				
9DMXRJ - 5845		PowerPlex® Fusion 6C				
1	13,17.3	18,24	10,14	14	11,12	NR
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26	9,10	11	16,22.2	8,9.3	8,11
	17,18	11	17	18	NR	

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

9F9HY9 - 5843	GlobalFiler™ Express					
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
9GZJWK - 5843	GlobalFiler™ Express					
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
A4WKLR - 5843	GlobalFiler™ Express					
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
A7JAVX - 5843	PowerPlex® Fusion 6C					
	13,17.3	18,24	10,14	14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26	9,10	11	16,22.2	8,9.3	8,11
	17,18	11	17	18		
A8U2XL - 5843	GlobalFiler™ Express					
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
ABANEC - 5845	PowerPlex® Fusion					
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26	9,10	11,11		8,9.3	8,11
	17,18	11				
AHUNUP - 5845	GlobalFiler™ IQC					
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping)				
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

ALXBRN - 5843		GlobalFiler™				
1	13,17.3	18,24	10,14	14,14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
AP2MM9 - 5843		PowerPlex® Fusion 5C				
1	13,17.3	18,24	10,14	14,14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26	9,10	11,11		8,9.3	8,11
	17,18	11				
ATQW9L - 5843		GlobalFiler™ Express				
1	13,17.3	18,24	10,14	14,14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
AUAETV - 5843		Investigator® 24plex GO!				
1	13,17.3	18,24	10,14	14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11				
AURFLP - 5845		GlobalFiler™ Express				
1	13,17.3	18,24	10,14	14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
B7DCZR - 5843		PowerPlex® Fusion 6C				
1	13,17.3	18,24	10,14	14,14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26	9,10	11,11	16,22.2	8,9.3	8,11
	17,18	11	17	18		
B8TCHW - 5843		PowerPlex® Fusion 6C				
1	13,17.3	18,24	10,14	14,14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26	9,10	11,11	16,22.2	8,9.3	8,11
	17,18	11	17	18		

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

BA2NYX - 5843	PowerPlex® Fusion 6C					
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26	9,10	11,11	16,22.2	8,9.3	8,11
	17,18	11	17	18		
BAL2MF - 5843	GlobalFiler™ Express					
	13,17.3	18,24	10,14	14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
BH8KVN - 5843	GlobalFiler™ Express					
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
BQ2QNP - 5843	GlobalFiler™ Express					
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
BTFFLE - 5845	GlobalFiler™ Express					
	13,17.3	18,24	10,14	14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
BUGBEB - 5843	GlobalFiler™ Express					
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
C8WPNA - 5845	GlobalFiler™					
	13,17.3	18,24	10,14	14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping)				
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

CFJGN3 - 5843		GlobalFiler™				
1	13,17.3	18,24	10,14	14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
CJG3DJ - 5845		GlobalFiler™, GlobalFiler Express				
1	13,17.3	18,24	10,14	14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
CVF64D - 5843		GlobalFiler™ Express				
1	13,17.3	18,24	10,14	14,14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
CZ6DZL - 5843		GlobalFiler™				
1	13,17.3	18,24	10,14	14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
D2XLMW - 5843		PowerPlex® Fusion 6C				
1	13,17.3	18,24	10,14	14,14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26	9,10	11,11	16,22.2	8,9.3	8,11
	17,18	11	17	18		
D3DNWP - 5843		PowerPlex® Fusion 6C				
1	13,17.3	18,24	10,14	14,14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26	9,10	11,11	16,22.2	8,9.3	8,11
	17,18	11	17	18		
DG9CGN - 5844		GlobalFiler™				
1	13,17.3	18,24	10,14	14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	
	22,26			16,22.2	8,9.3	
	17,18	11			2	

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

DKADLR - 5843	PowerPlex® Fusion 5C					
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26	9,10	11,11		8,9.3	8,11
	17,18	11				
DMH8NJ - 5844	PowerPlex® Fusion 6C					
	13,17.3	18,24	10,14	14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26	9,10	11	16,22.2	8,9.3	8,11
	17,18	11	17	18		
E76EBZ - 5843	PowerPlex® Fusion 5C					
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26	9,10	11,11		8,9.3	8,11
	17,18	11				
E86L7K - 5845	GlobalFiler™ Express					
	13,17.3	18,24	10,14	14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
EBJFYZ - 5843	PowerPlex® ESX17, Verifiler Plus					
	13,17.3	18,24	10,14	14,14	11,12	11,18
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26	9,10	11,11	16,22.2	8,9.3	8,11
	17,18				2	
EJW2MM - 5843	PowerPlex® Fusion 6C					
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26	9,10	11,11	16,22.2	8,9.3	8,11
	17,18	11	17	18		
ELE8WH - 5843	GlobalFiler™ Express					
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping)				
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

ENB87L - 5843		GlobalFiler™ Express				
1	13,17.3	18,24	10,14	14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
EV6NWK - 5843		GlobalFiler™				
1	13,17.3	18,24	10,14	14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
EY64YF - 5843		GlobalFiler™ Express				
1	13,17.3	18,24	10,14	14,14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
FJRZZR - 5843		PowerPlex® Fusion 6C				
1	13,17.3	18,24	10,14	14,14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26	9,10	11,11	16,22.2	8,9.3	8,11
	17,18	11	17	18		
FL2HJ3 - 5845		PowerPlex® Fusion 6C				
1	13,17.3	18,24	10,14	14,14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26	9,10	11,11	16,22.2	8,9.3	8,11
	17,18	11	17	18		
FLA6NP - 5843		Investigator® 24plex GO!				
1	13,17.3	18,24	10,14	14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11				
FPDXPF - 5844		PowerPlex® Fusion 5C				
1	13,17.3	18,24	10,14	14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26	9,10	11		8,9.3	8,11
	17,18	11				

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

FRL7UT - 5843	PowerPlex® Fusion 6C					
	13,17.3	18,24	10,14	14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26	9,10	11	16,22.2	8,9.3	8,11
	17,18	11	17	18		
G3NZAH - 5845	GlobalFiler™ Express					
	13,17.3	18,24	10,14	14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
GGXJBC - 5843	GlobalFiler™ Express					
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
GM2F6A - 5843	GlobalFiler™					
	13,17.3	18,24	10,14	14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
GU6KXU - 5843	Investigator® 24plex GO					
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11				
HAWKM8 - 5843	Investigator® 24plex GO!					
	13,17.3	18,24	10,14	14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11				
HC2CEL - 5845	Identifiler® Plus					
		18,24		14	11,12	
1	9,10	11,12			11,13	9,11
	14,15	15	31.2,32.2		X,Y	10,11
	22,26				8,9.3	8,11
	17,18					

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping)				
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

HRQHKU - 5843		PowerPlex® Fusion 5C				
1	13,17.3	18,24	10,14	14,14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26	9,10	11,11		8,9.3	8,11
	17,18	11				
HUQMP9 - 5845		GlobalFiler™ Express				
1	13,17.3	18,24	10,14	14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
HVQQQP - 5843		GlobalFiler™				
1	13,13	18,24	10,14	14,14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11,11			2,2	
J342EA - 5843		GlobalFiler™				
1	13,17.3	18,24	10,14	14,14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
JAW9QA - 5843		GlobalFiler™ Express				
1	13,17.3	18,24	10,14	14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
JT2J7R - 5843		PowerPlex® Fusion 5C				
1	13,17.3			14,14		
		11,12				9,11
	14,15				X,Y	
					8,9.3	
	17,18					
JXX9MY - 5843		GlobalFiler™ Express				
1	13,17.3	18,24	10,14	14,14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping)				
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

K4GVVW - 5843		PowerPlex® Fusion 5C				
1	13,17.3	18,24	10,14	14,14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26	9,10	11,11		8,9.3	8,11
	17,18	11				
KEQPFA - 5843		GlobalFiler™ Express				
1	13,17.3	18,24	10,14	14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
KFCXHC - 5843		PowerPlex® Fusion5C				
1	13,17.3	18,24	10,14	14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26	9,10	11		8,9.3	8,11
	17,18	11				
KGMV4B - 5843		PowerPlex® Fusion				
1	13,17.3	18,24	10,14	14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26	9,10	11		8,9.3	8,11
	17,18	11				
KQA36J - 5845		Identifiler® Plus				
1		18,24		14	11,12	
	9,10	11,12			11,13	9,11
	14,15	15	31.2,32.2		X,Y	10,11
	22,26				8,9.3	8,11
	17,18					
KRNCF6 - 5845		PowerPlex® Fusion				
1	13,17.3	18,24	10,14	14,14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26	9,10	11,11		8,9.3	8,11
	17,18	11				
KTWJXJ - 5843		GlobalFiler™ Express				
1	13,17.3	18,24	10,14	14,14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping)				
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

KY48YK - 5845		Identifiler® Plus				
		18,24		14	11,12	
1	9,10	11,12			11,13	9,11
	14,15	15	31.2,32.2		X,Y	10,11
	22,26				8,9.3	8,11
	17,18					
L3EPME - 5843		GlobalFiler™ Express				
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
LAFWAU - 5843		GlobalFiler™ Express				
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
LLGULF - 5845		GlobalFiler™ Express				
	13,17.3	18,24	10,14	14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
LP64X2 - 5845		GlobalFiler™ Express				
	13,17.3	18,24	10,14	14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
LTAH8E - 5843		GlobalFiler™ Express				
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
LY6UF4 - 5843		GlobalFiler™ Express				
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

M7JFVF - 5845	PowerPlex® Fusion 6C					
	13,17.3	18,24	10,14	14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26	9,10	11	16,22.2	8,9.3	8,11
	17,18	11	17	18		
M8TFWF - 5845	Identifiler® Plus					
		18,24		14	11,12	
1	9,10	11,12			11,13	9,11
	14,15	15	31.2,32.2		X,Y	10,11
	22,26				8,9.3	8,11
	17,18					
M92UYF - 5845	PowerPlex® Fusion 6C Direct					
	13,17.3	18,24	10,14	14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26	9,10	11	16,22.2	8,9.3	8,11
	17,18	11	17	18		
MA6UJU - 5843	PowerPlex® Fusion 5C					
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26	9,10	11,11		8,9.3	8,11
	17,18	11				
MHR98R - 5843	NGM SElect Express					
	13,17.3	18,24	10,14	14,14		
1		11,12	13,16	16,22		9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	
	22,26			16,22.2	8,9.3	
	17,18					
MWCTPZ - 5844	PowerPlex® Fusion 5C					
	13,17.3	18,24	10,14	14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26	9,10	11		8,9.3	8,11
	17,18	11				
N9L8MX - 5843	PowerPlex® Fusion 5C					
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26	9,10	11,11		8,9.3	8,11
	17,18	11				

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

NDFK9G - 5843	PowerPlex® Fusion 6C					
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26	9,10	11,11	16,22.2	8,9.3	8,11
	17,18	11	17	18		
NFJK3L - 5845	Identifiler® Plus					
		18,24		14	11,12	
1	9,10	11,12			11,13	9,11
	14,15	15	31.2,32.2		X,Y	10,11
	22,26				8,9.3	8,11
	17,18					
NHMB2 - 5843	PowerPlex® Fusion 6C, Investigator® 24plex QS					
	13,17.3	18,24	10,14	14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26	9,10	11	16,22.2	8,9.3	8,11
	17,18	11	17	18		
NT6VTX - 5844	PowerPlex® Fusion 5C					
	13,17.3	18,24	10,14	14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26	9,10	11		8,9.3	8,11
	17,18	11				
NWL8JM - 5843	GlobalFiler™ Express					
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
NWT8T4 - 5843	PowerPlex® Fusion 5C					
	13,17.3	18,24	10,14	14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26	9,10	11		8,9.3	8,11
	17,18	11				
P2FLNN - 5845	PowerPlex® Fusion, ESX-17					
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26	9,10	11,11	16,22.2	8,9.3	8,11
	17,18	11				

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping)				
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

P9BMNE - 5843		GlobalFiler™ Express, GlobalFiler				
1	13,17.3	18,24	10,14	14,14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
PQ2NDX - 5845		GlobalFiler™				
1	13,17.3	18,24	10,14	14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
PRUD98 - 5845		GlobalFiler™ Express				
1	13,17.3	18,24	10,14	14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
PWNAWY - 5843		Investigator® 24plex GO!				
1	13,17.3	18,24	10,14	14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18					
PZ4NED - 5843		GlobalFiler™ Express				
1	13,17.3	18,24	10,14	14,14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
Q7DPMT - 5845		PowerPlex® Fusion 6C				
1	13,17.3	18,24	10,14	14,14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26	9,10	11,11	16,22.2	8,9.3	8,11
	17,18	11	17	18		
QE8UGU - 5845		GlobalFiler™ Express, GlobalFiler				
1	13,17.3	18,24	10,14	14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

QFUYPM - 5843	GlobalFiler™					
	13,17.3	18,24	10,14	14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
QPG84H - 5844	GlobalFiler™ Express					
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11				
QVJXXM - 5843	PowerPlex® Fusion 5C					
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26	9,10	11,11		8,9.3	8,11
	17,18	11				
QZWW3M - 5843	PowerPlex® Fusion, ESX17, VERIFILER Plus					
	13,17.3	18,24	10,14	14,14	11,12	11,18
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26	9,10	11,11	16,22.2	8,9.3	8,11
	17,18	11			2	
R3P37K - 5845	PowerPlex® Fusion					
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26	9,10	11,11		8,9.3	8,11
	17,18	11				
R7HB2E - 5843	GlobalFiler™ Express					
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
RBHBQB - 5843	PowerPlex® Fusion 6C					
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26	9,10	11,11	16,22.2	8,9.3	8,11
	17,18	11	17	18		

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

RE2Y99 - 5845	GlobalFiler™ Express					
	13,17.3	18,24	10,14	14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
RGZTZC - 5845	PowerPlex® Fusion 6C					
	13,17.3	18,24	10,14	14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26	9,10	11	16,22.2	8,9.3	8,11
	17,18	11	17	18		
RHDDTM - 5843	GlobalFiler™					
	13,17.3	18,24	10,14	14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26	-	-	16,22.2	8,9.3	8,11
	17,18	11	-	-	2	
RU8UF3 - 5844	PowerPlex® Fusion 5C					
	13,17.3	18,24	10,14	14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26	9,10	11		8,9.3	8,11
	17,18	11				
RWDF99 - 5843	PowerPlex® Fusion 6C					
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26	9,10	11,11	16,22.2	8,9.3	8,11
	17,18	11	17	18		
T76LNY - 5845	GlobalFiler™ Express					
	13,17.3	18,24	10,14	14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
TAF89K - 5843	PowerPlex® Fusion 5C					
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26	9,10	11,11		8,9.3	8,11
	17,18	11				

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

TDVK62 - 5843	GlobalFiler™ Express, GLOBALFILER					
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
TEDPPK - 5844	GlobalFiler™					
	13,17.3	18,24	10,14	14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
TYFF4Z - 5843	PowerPlex® Fusion 6C					
	13,17.3	18,24	10,14	14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26	9,10	11	16,22.2	8,9.3	8,11
	17,18	11	17	18		
U6LZR3 - 5845	GlobalFiler™ Express					
	13,17.3	18,24	10,14	14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
UBD88P - 5843	PowerPlex®					
	13,17.3	18,24		14,14	11,12	11,18
1	9,10	11,12		16,22	11,13	9,11
	14,15	15,15	31.2,32.2		X,Y	10,11
	22,26	9,10	11,11		8,9.3	8,11
	17,18					
UFJ3RP - 5843						
	13,17.3	18,24		14,14	11,12	11,18
1	9,10	11,12		16,22	11,13	9,11
	14,15	15,15	31.2,32.2		X,Y	10,11
	22,26	9,10	11,11		8,9.3	8,11
	17,18					
V4ZGVN - 5843	GlobalFiler™ Express					
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping)				
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

V7F6ML - 5845		PowerPlex® Fusion 6C				
1	13,17.3	18,24	10,14	14,14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26	9,10	11,11	16,22.2	8,9.3	8,11
	17,18	11	17	18		
V83JJ6 - 5843		GlobalFiler™ IQC				
1	13,17.3	18,24	10,14	14,14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
VFTXMB - 5843		PowerPlex® Fusion 5C				
1	13,17.3	18,24	10,14	14,14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26	9,10	11,11		8,9.3	8,11
	17,18	11				
VT2NKC - 5844		GlobalFiler™ Express				
1	13,17.3	18,24	10,14	14,14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11				
VUF6KC - 5845		GlobalFiler™ Express				
1	13,17.3	18,24	10,14	14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
VX2M73 - 5843		PowerPlex® Fusion5C				
1	13,17.3	18,24	10,14	14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26	9,10	11		8,9.3	8,11
	17,18	11				
VY8EP4 - 5845		GlobalFiler™ IQC				
1	13,17.3	18,24	10,14	14,14	11,12	
	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	-,11
	17,18	11			2	

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

WA6F7E - 5845	Identifiler® Plus					
		18,24		14	11,12	
1	9,10	11,12			11,13	9,11
	14,15	15	31.2,32.2		X,Y	10,11
	22,26				8,9.3	8,11
	17,18					
WM7BYE - 5843	GlobalFiler™ Express (SmallPond)					
	13,17.3	18,24	10,14	14,14	11,12	N/A
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26	N/A	N/A	16,22.2	8,9.3	8,11
	17,18	11	N/A	N/A	2	
WXQKPT - 5845	PowerPlex® Fusion 5C					
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26	9,10	11,11		8,9.3	8,11
	17,18	11				
Y26Y7Y - 5845	PowerPlex® Fusion 5C					
	13,17.3	18,24	10,14	14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26	9,10	11		8,9.3	8,11
	17,18	11				
YFKZ3P - 5845	PowerPlex® Fusion					
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26	9,10	11,11		8,9.3	8,11
	17,18	11				
YLY2BL - 5843	PowerPlex®					
	13,17.3	18,24		14,14	11,12	11,18
1	9,10	11,12		16,22	11,13	9,11
	14,15	15,15	31.2,32.2		X,Y	10,11
	22,26	9,10	11,11		8,9.3	8,11
	17,18					
YNE6VQ - 5845	PowerPlex® Fusion					
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26	9,10	11,11		8,9.3	8,11
	17,18	11				

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

YW9BQD - 5843	PowerPlex® Fusion 5C					
	13,17.3	18,24	10,14	14,14		
1	9,10	11,12		16,22		9,11
	14,15	15,15	31.2,32.2		X,Y	
	22,26				8,9.3	
	17,18					
ZAB4VU - 5845	PowerPlex® Fusion 6C					
	13,17.3	18,24	10,14	14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26	9,10	11	16,22.2	8,9.3	8,11
	17,18	11	17	18		
ZH69PV - 5843	GlobalFiler™ Express					
	13,17.3	18,24	10,14	14,14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15,15	31.2,32.2	16,16	X,Y	10,11
	22,26			16,22.2	8,9.3	8,11
	17,18	11			2	
ZMY3MW - 5844	PowerPlex® Fusion 6C					
	13,17.3	18,24	10,14	14	11,12	
1	9,10	11,12	13,16	16,22	11,13	9,11
	14,15	15	31.2,32.2	16	X,Y	10,11
	22,26	9,10	11	16,22.2	8,9.3	8,11
	17,18	11	17	18		
ZRWMT2 - 5845	Identifiler® Plus					
		18,24		14	11,12	
1	9,10	11,12			11,13	9,11
	14,15	15	31.2,32.2		X,Y	10,11
	22,26				8,9.3	8,11
	17,18					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

277WM3 - 5843	GlobalFiler™ Express					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24			15,29.2	7,7	8,10
	14,14					
28374Y - 5843	GlobalFiler™					
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24			15,29.2	7	8,10
	14					
2A77X4 - 5843	Investigator® 24plex GO!					
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24			15,29.2	7	8,10
	14					
2D3UB6 - 5843	GlobalFiler™ Express, GlobalFiler					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24			15,29.2	7,7	8,10
	14,14					
2GFLZJ - 5845	GlobalFiler™ Express					
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24			15,29.2	7	8,10
	14					
2MLHGY - 5843	GlobalFiler™ Express					
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24			15,29.2	7	8,10
	14					
2QKUFJ - 5845	GlobalFiler™ Express					
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24			15,29.2	17	8,10
	14					

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping)				
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

2QUGMR - 5845		PowerPlex® Fusion 6C				
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24	11,13	11,16	15,29.2	7	8,10
	14	no results	no results	no results		
2R8TKW - 5843		GlobalFiler™ Express				
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24			15,29.2	7,7	8,10
	14,14					
2VQ8NW - 5843		GlobalFiler™ Express				
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24			15,29.2	7,7	8,10
	14,14					
3CWJ4T - 5845		GlobalFiler™ Express				
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24			15,29.2	7	8,10
	14					
3JFMCV - 5845		GlobalFiler™, GlobalFiler Express				
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24			15,29.2	7	8,10
	14					
3JX7HT - 5845		GlobalFiler™ Express				
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24			15,29.2	7	8,10
	14					
3VJFC8 - 5844		GlobalFiler™ Express				
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24			15,29.2	7,7	8,10
	14,14					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

3Y6ZJW - 5845	GlobalFiler™ IQC					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24			15,29.2	7,7	8,10
	14,14					
46ARBC - 5843	PowerPlex® Fusion 5C					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24	11,13	11,16		7,7	8,10
	14,14					
4A3D28 - 5843	GlobalFiler™					
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24			15,29.2	7	8,10
	14					
4AHJEC - 5844	GlobalFiler™ Express					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24			15,29.2	7,7	8,10
	14,14					
4DQ4NC - 5843	PowerPlex® Fusion 5C					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24	11,13	11,16		7,7	8,10
	14,14					
4DZUDZ - 5845	Investigator 26plex (GeneMapper ID-X 1.5)					
	14,17	24,24	11,11	16,17	11,11	18,18
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24	11,13	11,16		7,7	8,10
	14,14					
4KFMEZ - 5843	GlobalFiler™ Express, GlobalFiler					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24			15,29.2	7,7	8,10
	14,14					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

4ZX4UH - 5844	PowerPlex® Fusion 5C					
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24	11,13	11,16		7	8,10
	14					
63FP2W - 5845	Identifiler® Plus					
		24		16,17	11	
2	10,11	14,15			8,11	12,14
	13,15	15.2,16	30		X	10
	23,24				7	8,10
	14					
6DDVP3 - 5844	GlobalFiler™ Express					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	XX	10,10
	23,24			15,29.2	7,7	8,10
	14,14					
6DK9HC - 5843	PowerPlex® Fusion 5C					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	XX	10,10
	23,24	11,13	11,16		7,7	8,10
	14,14					
6L8ZH4 - 5843	GlobalFiler™ IQC, Verifiler Plus					
	14,17	24,24	11,11	16,17	11,11	18,18
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	XX	10,10
	23,24	11,13	11,16	15,29.2	7,7	8,10
	14,14	-	-	-	-	
6MAT8H - 5843	GlobalFiler™ Express					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	XX	10,10
	23,24			15,29.2	7,7	8,10
	14,14					
6VEFMQ - 5843	GlobalFiler™ Express					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	XX	10,10
	23,24			15,29.2	7,7	8,10
	14,14					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

72YZ6W - 5843	GlobalFiler™ Express					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24			15,29.2	7,7	8,10
	14,14					
76BZYP - 5843	GlobalFiler™ Express					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24			15,29.2	7,7	8,10
	14,14					
77X46W - 5845	Identifiler® Plus					
		24		16,17	11	
2	10,11	14,15			8,11	12,14
	13,15	15.2,16	30		X	10
	23,24				7	8,10
	14					
7DYXGH - 5843	PowerPlex® Fusion 6C and 5C					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24	11,13	11,16	15,29.2	7,7	8,10
	14,14	NR	NR	NR		
7FX4C9 - 5845	PowerPlex® Fusion, PowerPlex® ESX17					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,12
	23,24	11,13	11,16	15,29.2	7,7	8,10
	14,14					
7LMERY - 5844	GlobalFiler™					
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24			15,29.2	7	8,10
	14					
7Z7WMN - 5845	GlobalFiler™					
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24			15,29.2	7	8,10
	14					

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping)				
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

844VER - 5845	GlobalFiler™ Express, GlobalFiler™					
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24			15,29.2	7	8,10
	14					
8DQ4TM - 5843	GlobalFiler™ Express					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24			15,29.2	7,7	8,10
	14,14					
8JEL9K - 5845	PowerPlex® Fusion 6C					
	14,17	24	11	16,17	11	NR
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24	11,13	11,16	15,29.2	7	8,10
	14	NR	NR	NR	NR	
8W2T7K - 5845	PowerPlex® Fusion 6C					
	14,17	24	11	16,17	11	NR
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24	11,13	11,16	15,29.2	7	8,10
	14	NR	NR	NR	NR	
8XCVU6 - 5843	PowerPlex® Fusion 5C					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24	11,13	11,16		7,7	8,10
	14,14					
9DMXRJ - 5845	PowerPlex® Fusion 6C					
	14,17	24	11	16,17	11	NR
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24	11,13	11,16	15,29.2	7	8,10
	14	NR	NR	NR	NR	
9F9HY9 - 5843	GlobalFiler™ Express					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24			15,29.2	7,7	8,10
	14,14					

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping)				
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

9GZJWK - 5843		GlobalFiler™ Express				
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24			15,29.2	7,7	8,10
	14,14					
A4WKLR - 5843		GlobalFiler™ Express				
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24			15,29.2	7,7	8,10
	14,14					
A7JAVX - 5843		PowerPlex® Fusion 6C				
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24	11,13	11,16	15,29.2	7	8,10
	14					
A8U2XL - 5843		GlobalFiler™ Express				
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24			15,29.2	7,7	8,10
	14,14					
ABANEC - 5845		PowerPlex® Fusion				
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24	11,13	11,16		7,7	8,10
	14,14					
AHUNUP - 5845		GlobalFiler™ IQC				
	14,17	24,-	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	-,10
	23,24			15,29.2	7,7	8,10
	14,14					
ALXBRN - 5843		GlobalFiler™				
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24			15,29.2	7,7	8,10
	14,14					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

AP2MM9 - 5843	PowerPlex® Fusion 5C					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24	11,13	11,16		7,7	8,10
	14,14					
ATQW9L - 5843	GlobalFiler™ Express					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24			15,29.2	7,7	8,10
	14,14					
AUAETV - 5843	Investigator® 24plex GO!					
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24			15,29.2	7	8,10
	14					
AURFLP - 5845	GlobalFiler™ Express					
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24			15,29.2	7	8,10
	14					
B7DCZR - 5843	PowerPlex® Fusion 6C					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24	11,13	11,16	15,29.2	7,7	8,10
	14,14					
B8TCHW - 5843	PowerPlex® Fusion 6C					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24	11,13	11,16	15,29.2	7,7	8,10
	14,14					
BA2NYX - 5843	PowerPlex® Fusion 6C					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24	11,13	11,16	15,29.2	7,7	8,10
	14,14					

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping)				
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

BAL2MF - 5843		GlobalFiler™ Express				
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24			15,29.2	7	8,10
	14					
BH8KVN - 5843		GlobalFiler™ Express				
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24			15,29.2	7,7	8,10
	14,14					
BQ2QNP - 5843		GlobalFiler™ Express				
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24			15,29.2	7,7	8,10
	14,14					
BTFFLE - 5845		GlobalFiler™ Express				
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24			15,29.2	7	8,10
	14					
BUGBEB - 5843		GlobalFiler™ Express				
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24			15,29.2	7,7	8,10
	14,14					
C8WPNA - 5845		GlobalFiler™ Express				
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24			15,29.2	7	8,10
	14					
CFJGN3 - 5843		GlobalFiler™				
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24			15,29.2	7	8,10
	14					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

CJG3DJ - 5845	GlobalFiler™, GlobalFiler Express					
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24			15,29.2	7	8,10
	14					
CVF64D - 5843	GlobalFiler™ Express					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24			15,29.2	7,7	8,10
	14,14					
CZ6DZL - 5843	GlobalFiler™					
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24			15,29.2	7	8,10
	14					
D2XLMW - 5843	PowerPlex® Fusion 6C					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24	11,13	11,16	15,29.2	7,7	8,10
	14,14					
D3DNWP - 5843	PowerPlex® Fusion 6C					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24	11,13	11,16	15,29.2	7,7	8,10
	14,14					
DG9CGN - 5844	GlobalFiler™					
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24			15,29.2	7	8,10
	14					
DKADLR - 5843	PowerPlex® Fusion 5C					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24	11,13	11,16		7,7	8,10
	14,14					

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping)				
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

DMH8NJ - 5844		PowerPlex® Fusion 6C				
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24	11,13	11,16	15,29.2	7	8,10
	14	NR	NR	NR		
E76EBZ - 5843		PowerPlex® Fusion 5C				
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	XX	10,10
	23,24	11,13	11,16		7,7	8,10
	14,14					
E86L7K - 5845		GlobalFiler™ Express				
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24			15,29.2	7	8,10
	14					
EBJYZ - 5843		PowerPlex® ESX17, Verifiler Plus				
	14,17	24,24	11,11	16,17	11,11	18,18
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	XX	10,10
	23,24	11,13	11,16	15,29.2	7,7	8,10
	14,14					
EJW2MM - 5843		PowerPlex® Fusion 6C				
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	XX	10,10
	23,24	11,13	11,16	15,29.2	7,7	8,10
	14,14					
ELE8WH - 5843		GlobalFiler™ Express				
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	XX	10,10
	23,24			15,29.2	7,7	8,10
	14,14					
ENB87L - 5843		GlobalFiler™ Express				
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24			15,29.2	7	8,10
	14					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

EV6NWK - 5843	GlobalFiler™					
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24			15,29.2	7	8,10
	14					
EY64YF - 5843	GlobalFiler™ Express					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24			15,29.2	7,7	8,10
	14,14					
FJRZZR - 5843	PowerPlex® Fusion 6C					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24	11,13	11,16	15,29.2	7,7	8,10
	14,14					
FL2HJ3 - 5845	PowerPlex® Fusion 6C					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24	11,13	11,16	15,29.2	7,7	8,10
	14,14					
FLA6NP - 5843	Investigator® 24plex GO!					
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24			15,29.2	7	8,10
	14					
FPDXPF - 5844	PowerPlex® Fusion 5C					
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24	11,13	11,16		7	8,10
	14					
FRL7UT - 5843	PowerPlex® Fusion 6C					
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24	11,13	11,16	15,29.2	7	8,10
	14					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

G3NZAH - 5845	GlobalFiler™ Express					
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24			15,29.2	7	8,10
	14					
GGXJBC - 5843	GlobalFiler™ Express					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24			15,29.2	7,7	8,10
	14,14					
GM2F6A - 5843	GlobalFiler™					
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24			15,29.2	7	8,10
	14					
GU6KXU - 5843	Investigator® 24plex GO					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24			15,29.2	7,7	8,10
	14,14					
HAWKM8 - 5843	Investigator® 24plex GO!					
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24			15,29.2	7	8,10
	14					
HC2CEL - 5845	Identifiler® Plus					
		24		16,17	11	
2	10,11	14,15			8,11	12,14
	13,15	15.2,16	30		X	10
	23,24				7	8,10
	14					
HRQHKU - 5843	PowerPlex® Fusion 5C					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24	11,13	11,16		7,7	8,10
	14,14					

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping)				
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

HUQMP9 - 5845		GlobalFiler™ Express				
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24			15,29.2	7	8,10
	14					
HVQQQP - 5843		GlobalFiler™				
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	XX	10,10
	23,24			15,29.2	7,7	8,10
	14,14					
J342EA - 5843		GlobalFiler™				
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	XX	10,10
	23,24			15,29.2	7,7	8,10
	14,14					
JAW9QA - 5843		GlobalFiler™ Express				
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24			15,29.2	7	8,10
	14					
JT2J7R - 5843		PowerPlex® Fusion 5C				
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	XX	10,10
	23,24	11,13	11,16		7,7	8,10
	14,14					
JXX9MY - 5843		GlobalFiler™ Express				
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	XX	10,10
	23,24			15,29.2	7,7	8,10
	14,14					
K4GVVV - 5843		PowerPlex® Fusion 5C				
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	XX	10,10
	23,24	11,13	11,16		7,7	8,10
	14,14					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

KEQPFA - 5843	GlobalFiler™ Express					
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24			15,29.2	7	8,10
	14					
KFCXHC - 5843	PowerPlex® Fusion5C					
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24	11,13	11,16		7	8,10
	14					
KGM4B - 5843	PowerPlex® Fusion					
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24	11,13	11,16		7	8,10
	14					
KQA36J - 5845	Identifiler® Plus					
		24		16,17	11	
2	10,11	14,15			8,11	12,14
	13,15	15.2,16	30		X	10
	23,24				7	8,10
	14					
KRNC6 - 5845	PowerPlex® Fusion					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	XX	10,10
	23,24	11,13	11,16		7,7	8,10
	14,14					
KTWJX - 5843	GlobalFiler™ Express					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	XX	10,10
	23,24			15,29.2	7,7	8,10
	14,14					
KY48YK - 5845	Identifiler® Plus					
		24		16,17	11	
2	10,11	14,15			8,11	12,14
	13,15	15.2,16	30		X	10
	23,24				7	8,10
	14					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

L3EPME - 5843	GlobalFiler™ Express					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24			15,29.2	7,7	8,10
	14,14					
LAFWAU - 5843	GlobalFiler™ Express					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24			15,29.2	7,7	8,10
	14,14					
LLGULF - 5845	GlobalFiler™ Express					
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24			15,29.2	7	8,10
	14					
LP64X2 - 5845	GlobalFiler™ Express					
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24			15,29.2	7	8,10
	14					
LTAH8E - 5843	GlobalFiler™ Express					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24			15,29.2	7,7	8,10
	14,14					
LY6UF4 - 5843	GlobalFiler™ Express					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24			15,29.2	7,7	8,10
	14,14					
M7JFVF - 5845	PowerPlex® Fusion 6C					
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24	11,13	11,16	15,29.2	7	8,10
	14	NR	NR	NR		

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

M8TFWF - 5845	Identifiler® Plus					
		24		16,17	11	
2	10,11	14,15			8,11	12,14
	13,15	15.2,16	30		X	10
	23,24				7	8,10
	14					
M92UYF - 5845	PowerPlex® Fusion 6C Direct					
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24	11,13	11,16	15,29.2	7	8,10
	14	NR	NR	NR		
MA6UJU - 5843	PowerPlex® Fusion 5C					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	XX	10,10
	23,24	11,13	11,16		7,7	8,10
	14,14					
MHR98R - 5843	NGM SElect Express					
	14,17	24,24	11,11	16,17		
2		14,15	13,15	19,20		12,14
	13,15	15.2,16	30,30	11,15	XX	
	23,24			15,29.2	7,7	
	14,14					
MWCTPZ - 5844	PowerPlex® Fusion 5C					
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24	11,13	11,16		7	8,10
	14					
N9L8MX - 5843	PowerPlex® Fusion 5C					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	XX	10,10
	23,24	11,13	11,16		7,7	8,10
	14,14					
NDFK9G - 5843	PowerPlex® Fusion 6C					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	XX	10,10
	23,24	11,13	11,16	15,29.2	7,7	8,10
	14,14					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

NFJK3L - 5845	Identifiler® Plus					
		24		16,17	11	
2	10,11	14,15			8,11	12,14
	13,15	15.2,16	30		X	10
	23,24				7	8,10
	14					
NHMBA2 - 5843	PowerPlex® Fusion 6C, Investigator® 24plex QS					
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24	11,13	11,16	15,29.2	7	8,10
	14					
NT6VTX - 5844	PowerPlex® Fusion 5C					
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24	11,13	11,16		7	8,10
	14					
NWL8JM - 5843	GlobalFiler™ Express					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	XX	10,10
	23,24			15,29.2	7,7	8,10
	14,14					
NWT8T4 - 5843	PowerPlex® Fusion 5C					
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24	11,13	11,16		7	8,10
	14					
P2FLNN - 5845	PowerPlex® Fusion,ESX-17					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	XX	10,10
	23,24	11,13	11,16	15,29.2	7,7	8,10
	14,14	non-amplification				
P9BMNE - 5843	GlobalFiler™ Express, GlobalFiler					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	XX	10,10
	23,24			15,29.2	7,7	8,10
	14,14					

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping)				
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

PQ2NDX - 5845		GlobalFiler™ Express				
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24			15,29.2	7	8,10
	14					
PRUD98 - 5845		GlobalFiler™ Express				
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24			15,29.2	7	8,10
	14					
PWNAWY - 5843		Investigator® 24plex GO!				
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24			15,29.2	7	8,10
	14					
PZ4NED - 5843		GlobalFiler™ Express				
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	XX	10,10
	23,24			15,29.2	7,7	8,10
	14,14					
Q7DPMT - 5845		PowerPlex® Fusion 6C				
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	XX	10,10
	23,24	11,13	11,16	15,29.2	7,7	8,10
	14,14					
QE8UGU - 5845		GlobalFiler™ Express				
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24			15,29.2	7	8,10
	14					
QFUYPM - 5843		GlobalFiler™				
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24			15,29.2	7	8,10
	14					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

QPG84H - 5844	GlobalFiler™ Express					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24			15,29.2	7,7	8,10
	14,14					
QVJXXM - 5843	PowerPlex® Fusion 5C					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24	11,13	11,16		7,7	8,10
	14,14					
QZWW3M - 5843	PowerPlex® Fusion, ESX17, VERIFILER Plus					
	14,17	24,24	11,11	16,17	11,11	18,18
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24	11,13	11,16	15,29.2	7,7	8,10
	14,14					
R3P37K - 5845	PowerPlex® Fusion					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24	11,13	11,16		7,7	8,10
	14,14					
R7HB2E - 5843	GlobalFiler™ Express					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24			15,29.2	7,7	8,10
	14,14					
RBHBQB - 5843	PowerPlex® Fusion 6C					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24	11,13	11,16	15,29.2	7,7	8,10
	14,14					
RE2Y99 - 5845	GlobalFiler™ Express					
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24			15,29.2	7	8,10
	14					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

RGZTZC - 5845	PowerPlex® Fusion 6C					
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24	11,13	11,16	15,29.2	7	8,10
	14	NR	NR	NR		
RHDDTM - 5843	GlobalFiler™					
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24	-	-	15,29.2	7	8,10
	14	-	-	-	-	
RU8UF3 - 5844	PowerPlex® Fusion 5C					
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24	11,13	11,16		7	8,10
	14					
RWDF99 - 5843	PowerPlex® Fusion 6C					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	XX	10,10
	23,24	11,13	11,16	15,29.2	7,7	8,10
	14,14					
T76LNY - 5845	GlobalFiler™ Express					
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24			15,29.2	7	8,10
	14					
TAF89K - 5843	PowerPlex® Fusion 5C					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	XX	10,10
	23,24	11,13	11,16		7,7	8,10
	14,14					
TDVK62 - 5843	GlobalFiler™ Express, GLOBALFILER					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	XX	10,10
	23,24			15,29.2	7,7	8,10
	14,14					

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping)				
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

TEDPPK - 5844		GlobalFiler™				
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24			15,29.2	7	8,10
	14					
TYFF4Z - 5843		PowerPlex® Fusion 6C				
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24	11,13	11,16	15,29.2	7	8,10
	14					
U6LZR3 - 5845		GlobalFiler™ Express				
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24			15,29.2	7	8,10
	14					
UBD88P - 5843		PowerPlex®				
	14,17	24,24		16,17	11,11	18,18
2	10,11	14,15		19,20	8,11	12,14
	13,15	15.2,16	30,30		XX	10,10
	23,24	11,13	11,16		7,7	8,10
	14,14					
UFJ3RP - 5843						
	14,17	24,24		16,17	11,11	18,18
2	10,11	14,15		19,20	8,11	12,14
	13,15	15.2,16	30,30		XX	10,10
	23,24	11,13	11,16		7,7	8,10
	14,14					
V4ZGVN - 5843		GlobalFiler™ Express				
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	XX	10,10
	23,24			15,29.2	7,7	8,10
	14,14					
V7F6ML - 5845		PowerPlex® Fusion 6C				
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	XX	10,10
	23,24	11,13	11,16	15,29.2	7,7	8,10
	14,14					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

V83JJ6 - 5843	GlobalFiler™ IQC					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24			15,29.2	7,7	8,10
	14,14					
VFTXMB - 5843	PowerPlex® Fusion 5C					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24	11,13	11,16		7,7	8,10
	14,14					
VT2NKC - 5844	GlobalFiler™ Express					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24			15,29.2	7,7	8,10
	14,14					
VUF6KC - 5845	GlobalFiler™ Express					
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24			15,29.2	7	8,10
	14					
VX2M73 - 5843	PowerPlex® Fusion5C					
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24	11,13	11,16		7	8,10
	14					
VY8EP4 - 5845	GlobalFiler™ IQC					
	14,17	-,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	-,10
	23,24			15,29.2	7,7	8,10
	14,14					
WA6F7E - 5845	Identifiler® Plus					
		24		16,17	11	
2	10,11	14,15			8,11	12,14
	13,15	15.2,16	30		X	10
	23,24				7	8,10
	14					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

WM7BYE - 5843	GlobalFiler™ Express (SmallPond)					
	14,17	24,24	11,11	16,17	11,11	N/A
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24	N/A	N/A	15,29.2	7,7	8,10
	14,14	N/A	N/A	N/A	N/A	
WXQKPT - 5845	PowerPlex® Fusion 5C					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24	11,13	11,16		7,7	8,10
	14,14					
Y26Y7Y - 5845	PowerPlex® Fusion 5C					
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24	11,13	11,16		7	8,10
	14					
YFKZ3P - 5845	PowerPlex® Fusion					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24	11,13	11,16		7,7	8,10
	14,14					
YLY2BL - 5843	PowerPlex®					
	14,17	24,24		16,17	11,11	18,18
2	10,11	14,15		19,20	8,11	12,14
	13,15	15.2,16	30,30		X,X	10,10
	23,24	11,13	11,16		7,7	8,10
	14,14					
YNE6VQ - 5845	PowerPlex® Fusion					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24	11,13	11,16		7,7	8,10
	14,14					
YW9BQD - 5843	PowerPlex® Fusion 5C					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24	11,13	11,16		7,7	8,10
	14,14					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

ZAB4VU - 5845	PowerPlex® Fusion 6C					
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24	11,13	11,16	15,29.2	7	8,10
	14	no results	no results	no results		
ZH69PV - 5843	GlobalFiler™ Express					
	14,17	24,24	11,11	16,17	11,11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30,30	11,15	X,X	10,10
	23,24			15,29.2	7,7	8,10
	14,14					
ZMY3MW - 5844	PowerPlex® Fusion 6C					
	14,17	24	11	16,17	11	
2	10,11	14,15	13,15	19,20	8,11	12,14
	13,15	15.2,16	30	11,15	X	10
	23,24	11,13	11,16	15,29.2	7	8,10
	14	NR	NR	NR		
ZRWMT2 - 5845	Identifiler® Plus					
		24		16,17	11	
2	10,11	14,15			8,11	12,14
	13,15	15.2,16	30		X	10
	23,24				7	8,10
	14					

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping)				
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

277WM3 - 5843		GlobalFiler™ Express				
3	11,16.3	20,24	11,11	15,18	9,11	
	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
28374Y - 5843		GlobalFiler™				
3	11,16.3	20,24	11	15,18	9,11	
	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
2A77X4 - 5843		Investigator® 24plex GO!				
3	11,16.3	20,24	11	15,18	9,11	
	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
2D3UB6 - 5843		GlobalFiler™ Express, GlobalFiler				
3	11,16.3	20,24	11,11	15,18	9,11	
	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
2GFLZJ - 5845		GlobalFiler™ Express				
3	11,16.3	20,24	11	15,18	9,11	
	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
2MLHGY - 5843		GlobalFiler™ Express				
3	11,16.3	20,24	11	15,18	9,11	
	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
2QKUFJ - 5845		GlobalFiler™ Express				
3	11,16.3	20,24	11	15,18	9,11	
	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

2QUGMR - 5845	PowerPlex® Fusion 6C					
	11,16.3	20,24	11	15,18	9,11	
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20	12,14	12,18	21.2,28.2	6,9.3	8,11
	16,18	no results	no results	no results		
2R8TKW - 5843	GlobalFiler™ Express					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
2VQ8NW - 5843	GlobalFiler™ Express					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
3CWJ4T - 5845	GlobalFiler™ Express					
	11,16.3	20,24	11	15,18	9,11	
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
3JFMCV - 5845	GlobalFiler™, GlobalFiler Express					
	11,16.3	20,24	11	15,18	9,11	
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
3JX7HT - 5845	GlobalFiler™ Express					
	11,16.3	20,24	11	15,18	9,11	
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
3VJFC8 - 5844	GlobalFiler™ Express					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

3Y6ZJW - 5845	GlobalFiler™ IQC					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
46ARBC - 5843	PowerPlex® Fusion 5C					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20	12,14	12,18		6,9.3	8,11
	16,18					
4A3D28 - 5843	GlobalFiler™					
	11,16.3	20,24	11	15,18	9,11	
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
4AHJEC - 5844	GlobalFiler™ Express					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
4DQ4NC - 5843	PowerPlex® Fusion 5C					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20	12,14	12,18		6,9.3	8,11
	16,18					
4DZUDZ - 5845	Investigator 26plex (GeneMapper ID-X 1.5)					
	11,16.3	20,24	11,11	15,18	9,11	11,13
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20	12,14	12,18		6,9.3	8,11
	16,18					
4KFMEZ - 5843	GlobalFiler™ Express, GlobalFiler					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping)				
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

4ZX4UH - 5844		PowerPlex® Fusion 5C				
3	11,16.3	20,24	11	15,18	9,11	
	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20	12,14	12,18		6,9.3	8,11
	16,18					
63FP2W - 5845		Identifiler® Plus				
3		20,24		15,18	9,11	
	11,12	10,13			8,9	11
	14,15	15,15.2	30		X	10,14
	19,20				6,9.3	8,11
	16,18					
6DDVP3 - 5844		GlobalFiler™ Express				
3	11,16.3	20,24	11,11	15,18	9,11	
	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	XX	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
6DK9HC - 5843		PowerPlex® Fusion 5C				
3	11,16.3	20,24	11,11	15,18	9,11	
	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	XX	10,14
	19,20	12,14	12,18		6,9.3	8,11
	16,18					
6L8ZH4 - 5843		GlobalFiler™ IQC, Verifiler Plus				
3	11,16.3	20,24	11,11	15,18	9,11	11,13
	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	XX	10,14
	19,20	12,14	12,18	21.2,28.2	6,9.3	8,11
	16,18	-	-	-	-	
6MAT8H - 5843		GlobalFiler™ Express				
3	11,16.3	20,24	11,11	15,18	9,11	
	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	XX	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
6VEFMQ - 5843		GlobalFiler™ Express				
3	11,16.3	20,24	11,11	15,18	9,11	
	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	XX	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

72YZ6W - 5843	GlobalFiler™ Express					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
76BZYP - 5843	GlobalFiler™ Express					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
77X46W - 5845	Identifiler® Plus					
		20,24		15,18	9,11	
3	11,12	10,13			8,9	11
	14,15	15,15.2	30		X	10,14
	19,20				6,9.3	8,11
	16,18					
7DYXGH - 5843	PowerPlex® Fusion 6C and 5C					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20	12,14	12,18	21.2,28.2	6,9.3	8,11
	16,18	NR	NR	NR		
7FX4C9 - 5845	PowerPlex® Fusion, PowerPlex® ESX17					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20	12,14	12,18	21.2,28.2	6,9.3	8,11
	16,18					
7LMERY - 5844	GlobalFiler™					
	11,16.3	20,24	11	15,18	9,11	
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
7Z7WMN - 5845	GlobalFiler™					
	11,16.3	20,24	11	15,18	9,11	
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

844VER - 5845	GlobalFiler™ Express, GlobalFiler™					
	11,16.3	20,24	11	15,18	9,11	
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
8DQ4TM - 5843	GlobalFiler™ Express					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
8JEL9K - 5845	PowerPlex® Fusion 6C					
	11,16.3	20,24	11	15,18	9,11	NR
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20	12,14	12,18	21.2,28.2	6,9.3	8,11
	16,18	NR	NR	NR	NR	
8W2T7K - 5845	PowerPlex® Fusion 6C					
	11,16.3	20,24	11	15,18	9,11	NR
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20	12,14	12,18	21.2,28.2	6,9.3	8,11
	16,18	NR	NR	NR	NR	
8XCVU6 - 5843	PowerPlex® Fusion 5C					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20	12,14	12,18		6,9.3	8,11
	16,18					
9DMXRJ - 5845	PowerPlex® Fusion 6C					
	11,16.3	20,24	11	15,18	9,11	NR
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20	12,14	12,18	21.2,28.2	6,9.3	8,11
	16,18	NR	NR	NR	NR	
9F9HY9 - 5843	GlobalFiler™ Express					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

9GZJWK - 5843	GlobalFiler™ Express					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
A4WKLR - 5843	GlobalFiler™ Express					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
A7JAVX - 5843	PowerPlex® Fusion 6C					
	11,16.3	20,24	11	15,18	9,11	
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20	12,14	12,18	21.2,28.2	6,9.3	8,11
	16,18					
A8U2XL - 5843	GlobalFiler™ Express					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
ABANEC - 5845	PowerPlex® Fusion					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20	12,14	12,18		6,9.3	8,11
	16,18					
AHUNUP - 5845	GlobalFiler™ IQC					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
ALXBRN - 5843	GlobalFiler™					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

AP2MM9 - 5843	PowerPlex® Fusion 5C					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20	12,14	12,18		6,9.3	8,11
	16,18					
ATQW9L - 5843	GlobalFiler™ Express					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
AUAETV - 5843	Investigator® 24plex GO!					
	11,16.3	20,24	11	15,18	9,11	
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
AURFLP - 5845	GlobalFiler™ Express					
	11,16.3	20,24	11	15,18	9,11	
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
B7DCZR - 5843	PowerPlex® Fusion 6C					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20	12,14	12,18	21.2,28.2	6,9.3	8,11
	16,18					
B8TCHW - 5843	PowerPlex® Fusion 6C					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20	12,14	12,18	21.2,28.2	6,9.3	8,11
	16,18					
BA2NYX - 5843	PowerPlex® Fusion 6C					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20	12,14	12,18	21.2,28.2	6,9.3	8,11
	16,18					

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping)				
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

BAL2MF - 5843		GlobalFiler™ Express				
3	11,16.3	20,24	11	15,18	9,11	
	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
BH8KVN - 5843		GlobalFiler™ Express				
3	11,16.3	20,24	11,11	15,18	9,11	
	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
BQ2QNP - 5843		GlobalFiler™ Express				
3	11,16.3	20,24	11,11	15,18	9,11	
	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
BTFFLE - 5845		GlobalFiler™ Express				
3	11,16.3	20,24	11	15,18	9,11	
	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
BUGBEB - 5843		GlobalFiler™ Express				
3	11,16.3	20,24	11,11	15,18	9,11	
	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
C8WPNA - 5845		GlobalFiler™ Express				
3	11,16.3	20,24	11	15,18	9,11	
	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
CFJGN3 - 5843		GlobalFiler™				
3	11,16.3	20,24	11	15,18	9,11	
	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping)				
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

CJG3DJ - 5845		GlobalFiler™, GlobalFiler Express				
3	11,16.3	20,24	11	15,18	9,11	
	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
CVF64D - 5843		GlobalFiler™ Express				
3	11,16.3	20,24	11,11	15,18	9,11	
	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
CZ6DZL - 5843		GlobalFiler™				
3	11,16.3	20,24	11	15,18	9,11	
	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
D2XLMW - 5843		PowerPlex® Fusion 6C				
3	11,16.3	20,24	11,11	15,18	9,11	
	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20	12,14	12,18	21.2,28.2	6,9.3	8,11
	16,18					
D3DNWP - 5843		PowerPlex® Fusion 6C				
3	11,16.3	20,24	11,11	15,18	9,11	
	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20	12,14	12,18	21.2,28.2	6,9.3	8,11
	16,18					
DG9CGN - 5844		GlobalFiler™				
3	11,16.3	20,24	11	15,18	9,11	
	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
DKADLR - 5843		PowerPlex® Fusion 5C				
3	11,16.3	20,24	11,11	15,18	9,11	
	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20	12,14	12,18		6,9.3	8,11
	16,18					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

DMH8NJ - 5844	PowerPlex® Fusion 6C					
	11,16.3	20,24	11	15,18	9,11	
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20	12,14	12,18	21.2,28.2	6,9.3	8,11
	16,18	NR	NR	NR		
E76EBZ - 5843	PowerPlex® Fusion 5C					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20	12,14	12,18		6,9.3	8,11
	16,18					
E86L7K - 5845	GlobalFiler™ Express					
	11,16.3	20,24	11	15,18	9,11	
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
EBJFZ - 5843	PowerPlex® ESX17, Verifiler Plus					
	11,16.3	20,24	11,11	15,18	9,11	11,13
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20	12,14	12,18	21.2,28.2	6,9.3	8,11
	16,18					
EJW2MM - 5843	PowerPlex® Fusion 6C					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20	12,14	12,18	21.2,28.2	6,9.3	8,11
	16,18					
ELE8WH - 5843	GlobalFiler™ Express					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
ENB87L - 5843	GlobalFiler™ Express					
	11,16.3	20,24	11	15,18	9,11	
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

EV6NWK - 5843	GlobalFiler™					
	11,16.3	20,24	11	15,18	9,11	
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
EY64YF - 5843	GlobalFiler™ Express					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
FJRZZR - 5843	PowerPlex® Fusion 6C					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20	12,14	12,18	21.2,28.2	6,9.3	8,11
	16,18					
FL2HJ3 - 5845	PowerPlex® Fusion 6C					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20	12,14	12,18	21.2,28.2	6,9.3	8,11
	16,18					
FLA6NP - 5843	Investigator® 24plex GO!					
	11,16.3	20,24	11	15,18	9,11	
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
FPDXPF - 5844	PowerPlex® Fusion 5C					
	11,16.3	20,24	11	15,18	9,11	
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20	12,14	12,18		6,9.3	8,11
	16,18					
FRL7UT - 5843	PowerPlex® Fusion 6C					
	11,16.3	20,24	11	15,18	9,11	
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20	12,14	12,18	21.2,28.2	6,9.3	8,11
	16,18					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

G3NZAH - 5845		GlobalFiler™ Express					
		11,16.3	20,24	11	15,18	9,11	
3		11,12	10,13	13,14	20	8,9	11
		14,15	15,15.2	30	15,16	X	10,14
		19,20			21.2,28.2	6,9.3	8,11
		16,18					
GGXJBC - 5843		GlobalFiler™ Express					
		11,16.3	20,24	11,11	15,18	9,11	
3		11,12	10,13	13,14	20,20	8,9	11,11
		14,15	15,15.2	30,30	15,16	X,X	10,14
		19,20			21.2,28.2	6,9.3	8,11
		16,18					
GM2F6A - 5843		GlobalFiler™					
		11,16.3	20,24	11	15,18	9,11	
3		11,12	10,13	13,14	20	8,9	11
		14,15	15,15.2	30	15,16	X	10,14
		19,20			21.2,28.2	6,9.3	8,11
		16,18					
GU6KXU - 5843		Investigator® 24plex GO					
		11,16.3	20,24	11,11	15,18	9,11	
3		11,12	10,13	13,14	20,20	8,9	11,11
		14,15	15,15.2	30,30	15,16	X,X	10,14
		19,20			21.2,28.2	6,9.3	8,11
		16,18					
HAWKM8 - 5843		Investigator® 24plex GO!					
		11,16.3	20,24	11	15,18	9,11	
3		11,12	10,13	13,14	20	8,9	11
		14,15	15,15.2	30	15,16	X	10,14
		19,20			21.2,28.2	6,9.3	8,11
		16,18					
HC2CEL - 5845		Identifiler® Plus					
			20,24		15,18	9,11	
3		11,12	10,13			8,9	11
		14,15	15,15.2	30		X	10,14
		19,20				6,9.3	8,11
		16,18					
HRQHKU - 5843		PowerPlex® Fusion 5C					
		11,16.3	20,24	11,11	15,18	9,11	
3		11,12	10,13	13,14	20,20	8,9	11,11
		14,15	15,15.2	30,30	15,16	X,X	10,14
		19,20	12,14	12,18		6,9.3	8,11
		16,18					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

HUQMP9 - 5845	GlobalFiler™ Express					
	11,16.3	20,24	11	15,18	9,11	
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
HVQQQP - 5843	GlobalFiler™					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
J342EA - 5843	GlobalFiler™					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
JAW9QA - 5843	GlobalFiler™ Express					
	11,16.3	20,24	11	15,18	9,11	
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
JT2J7R - 5843	PowerPlex® Fusion 5C					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20	12,14	12,18		6,9.3	8,11
	16,18					
JXX9MY - 5843	GlobalFiler™ Express					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
K4GVVV - 5843	PowerPlex® Fusion 5C					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20	12,14	12,18		6,9.3	8,11
	16,18					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

KEQPFA - 5843	GlobalFiler™ Express					
	11,16.3	20,24	11	15,18	9,11	
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
KFCXHC - 5843	PowerPlex® Fusion5C					
	11,16.3	20,24	11	15,18	9,11	
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20	12,14	12,18		6,9.3	8,11
	16,18					
KGMY4B - 5843	PowerPlex® Fusion					
	11,16.3	20,24	11	15,18	9,11	
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20	12,14	12,18		6,9.3	8,11
	16,18					
KQA36J - 5845	Identifiler® Plus					
		20,24		15,18	9,11	
3	11,12	10,13			8,9	11
	14,15	15,15.2	30		X	10,14
	19,20				6,9.3	8,11
	16,18					
KRNCF6 - 5845	PowerPlex® Fusion					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	XX	10,14
	19,20	12,14	12,18		6,9.3	8,11
	16,18					
KTWJXX - 5843	GlobalFiler™ Express					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	XX	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
KY48YK - 5845	Identifiler® Plus					
		20,24		15,18	9,11	
3	11,12	10,13			8,9	11
	14,15	15,15.2	30		X	10,14
	19,20				6,9.3	8,11
	16,18					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

L3EPME - 5843	GlobalFiler™ Express					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
LAFWAU - 5843	GlobalFiler™ Express					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
LLGULF - 5845	GlobalFiler™ Express					
	11,16.3	20,24	11	15,18	9,11	
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
LP64X2 - 5845	GlobalFiler™ Express					
	11,16.3	20,24	11	15,18	9,11	
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
LTAH8E - 5843	GlobalFiler™ Express					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
LY6UF4 - 5843	GlobalFiler™ Express					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
M7JFVF - 5845	PowerPlex® Fusion 6C					
	11,16.3	20,24	11	15,18	9,11	
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20	12,14	12,18	21.2,28.2	6,9.3	8,11
	16,18	NR	NR	NR		

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

M8TFWF - 5845	Identifiler® Plus					
		20,24		15,18	9,11	
3	11,12	10,13			8,9	11
	14,15	15,15.2	30		X	10,14
	19,20				6,9.3	8,11
	16,18					
M92UYF - 5845	PowerPlex® Fusion 6C Direct					
	11,16.3	20,24	11	15,18	9,11	
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20	12,14	12,18	21.2,28.2	6,9.3	8,11
	16,18	NR	NR	NR		
MA6UJU - 5843	PowerPlex® Fusion 5C					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20	12,14	12,18		6,9.3	8,11
	16,18					
MHR98R - 5843	NGM SElect Express					
	11,16.3	20,24	11,11	15,18		
3		10,13	13,14	20,20		11,11
	14,15	15,15.2	30,30	15,16	X,X	
	19,20			21.2,28.2	6,9.3	
	16,18					
MWCTPZ - 5844	PowerPlex® Fusion 5C					
	11,16.3	20,24	11	15,18	9,11	
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20	12,14	12,18		6,9.3	8,11
	16,18					
N9L8MX - 5843	PowerPlex® Fusion 5C					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20	12,14	12,18		6,9.3	8,11
	16,18					
NDFK9G - 5843	PowerPlex® Fusion 6C					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20	12,14	12,18	21.2,28.2	6,9.3	8,11
	16,18					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

NFJK3L - 5845	Identifiler® Plus					
		20,24		15,18	9,11	
3	11,12	10,13			8,9	11
	14,15	15,15.2	30		X	10,14
	19,20				6,9.3	8,11
	16,18					
NHMBA2 - 5843	PowerPlex® Fusion 6C					
	11,16.3	20,24	11	15,18	9,11	
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20	12,14	12,18	21.2,28.2	6,9.3	8,11
	16,18					
NT6VTX - 5844	PowerPlex® Fusion 5C					
	11,16.3	20,24	11	15,18	9,11	
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20	12,14	12,18		6,9.3	8,11
	16,18					
NWL8JM - 5843	GlobalFiler™ Express					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	XX	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
NWT8T4 - 5843	PowerPlex® Fusion 5C					
	11,16.3	20,24	11	15,18	9,11	
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20	12,14	12,18		6,9.3	8,11
	16,18					
P2FLNN - 5845	PowerPlex® Fusion, ESX-17					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	XX	10,14
	19,20	12,14	12,18	21.2,28.2	6,9.3	8,11
	16,18	non-amplification				
P9BMNE - 5843	GlobalFiler™ Express, GlobalFiler					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	XX	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping)				
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

PQ2NDX - 5845		GlobalFiler™ Express				
	11,16.3	20,24	11	15,18	9,11	
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
PRUD98 - 5845		GlobalFiler™ Express				
	11,16.3	20,24	11	15,18	9,11	
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
PWNAWY - 5843		Investigator® 24plex GO!				
	11,16.3	20,24	11	15,18	9,11	
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
PZ4NED - 5843		GlobalFiler™ Express				
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	XX	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
Q7DPMT - 5845		PowerPlex® Fusion 6C				
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	XX	10,14
	19,20	12,14	12,18	21.2,28.2	6,9.3	8,11
	16,18					
QE8UGU - 5845		GlobalFiler™ Express				
	11,16.3	20,24	11	15,18	9,11	
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
QFUYPM - 5843		GlobalFiler™				
	11,16.3	20,24	11	15,18	9,11	
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping)				
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

QPG84H - 5844		GlobalFiler™ Express				
3	11,16.3	20,24	11,11	15,18	9,11	
	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
QVJXXM - 5843		PowerPlex® Fusion 5C				
3	11,16.3	20,24	11,11	15,18	9,11	
	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20	12,14	12,18		6,9.3	8,11
	16,18					
QZWW3M - 5843		PowerPlex® Fusion, ESX17, VERIFILER Plus				
3	11,16.3	20,24	11,11	15,18	9,11	11,13
	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20	12,14	12,18	21.2,28.2	6,9.3	8,11
	16,18					
R3P37K - 5845		PowerPlex® Fusion				
3	11,16.3	20,24	11,11	15,18	9,11	
	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20	12,14	12,18		6,9.3	8,11
	16,18					
R7HB2E - 5843		GlobalFiler™ Express				
3	11,16.3	20,24	11,11	15,18	9,11	
	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
RBHBQB - 5843		PowerPlex® Fusion 6C				
3	11,16.3	20,24	11,11	15,18	9,11	
	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20	12,14	12,18	21.2,28.2	6,9.3	8,11
	16,18					
RE2Y99 - 5845		GlobalFiler™ Express				
3	11,16.3	20,24	11	15,18	9,11	
	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

RGZTZC - 5845	PowerPlex® Fusion 6C					
	11,16.3	20,24	11	15,18	9,11	
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20	12,14	12,18	21.2,28.2	6,9.3	8,11
	16,18	NR	NR	NR		
RHDDTM - 5843	GlobalFiler™					
	11,16.3	20,24	11	15,18	9,11	
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20	-	-	21.2,28.2	6,9.3	8,11
	16,18	-	-	-	-	
RU8UF3 - 5844	PowerPlex® Fusion 5C					
	11,16.3	20,24	11	15,18	9,11	
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20	12,14	12,18		6,9.3	8,11
	16,18					
RWDF99 - 5843	PowerPlex® Fusion 6C					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	XX	10,14
	19,20	12,14	12,18	21.2,28.2	6,9.3	8,11
	16,18					
T76LNY - 5845	GlobalFiler™ Express					
	11,16.3	20,24	11	15,18	9,11	
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
TAF89K - 5843	PowerPlex® Fusion 5C					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	XX	10,14
	19,20	12,14	12,18		6,9.3	8,11
	16,18					
TDVK62 - 5843	GlobalFiler™ Express, GLOBALFILER					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	XX	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

TEDPPK - 5844		GlobalFiler™					
		11,16.3	20,24	11	15,18	9,11	
3		11,12	10,13	13,14	20	8,9	11
		14,15	15,15.2	30	15,16	X	10,14
		19,20			21.2,28.2	6,9.3	8,11
		16,18					
TYFF4Z - 5843		PowerPlex® Fusion 6C					
		11,16.3	20,24	11	15,18	9,11	
3		11,12	10,13	13,14	20	8,9	11
		14,15	15,15.2	30	15,16	X	10,14
		19,20	12,14	12,18	21.2,28.2	6,9.3	8,11
		16,18					
U6LZR3 - 5845		GlobalFiler™ Express					
		11,16.3	20,24	11	15,18	9,11	
3		11,12	10,13	13,14	20	8,9	11
		14,15	15,15.2	30	15,16	X	10,14
		19,20			21.2,28.2	6,9.3	8,11
		16,18					
UBD88P - 5843		PowerPlex®					
		11,16.3	20,24		15,18	9,11	11,13
3		11,12	10,13		20,20	8,9	11,11
		14,15	15,15.2	30,30		XX	10,14
		19,20	12,14	12,18		6,9.3	8,11
		16,18					
UFJ3RP - 5843							
		11,16.3	20,24		15,18	9,11	11,13
3		11,12	10,13		20,20	8,9	11,11
		14,15	15,15.2	30,30		XX	10,14
		19,20	12,14	12,18		6,9.3	8,11
		16,18					
V4ZGVN - 5843		GlobalFiler™ Express					
		11,16.3	20,24	11,11	15,18	9,11	
3		11,12	10,13	13,14	20,20	8,9	11,11
		14,15	15,15.2	30,30	15,16	XX	10,14
		19,20			21.2,28.2	6,9.3	8,11
		16,18					
V7F6ML - 5845		PowerPlex® Fusion 6C					
		11,16.3	20,24	11,11	15,18	9,11	
3		11,12	10,13	13,14	20,20	8,9	11,11
		14,15	15,15.2	30,30	15,16	XX	10,14
		19,20	12,14	12,18	21.2,28.2	6,9.3	8,11
		16,18					

TABLE 1

WebCode - Test		Amplification Kits (Probabilistic Genotyping)				
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

V83JJ6 - 5843		GlobalFiler™ IQC				
		11,16.3	20,24	11,11	15,18	9,11
3		11,12	10,13	13,14	20,20	8,9
		14,15	15,15.2	30,30	15,16	X,X
		19,20			21.2,28.2	6,9.3
		16,18				8,11
VFTXMB - 5843		PowerPlex® Fusion 5C				
		11,16.3	20,24	11,11	15,18	9,11
3		11,12	10,13	13,14	20,20	8,9
		14,15	15,15.2	30,30	15,16	X,X
		19,20	12,14	12,18		6,9.3
		16,18				8,11
VT2NKC - 5844		GlobalFiler™ Express				
		11,16.3	20,24	11,11	15,18	9,11
3		11,12	10,13	13,14	20,20	8,9
		14,15	15,15.2	30,30	15,16	X,X
		19,20			21.2,28.2	6,9.3
		16,18				8,11
VUF6KC - 5845		GlobalFiler™ Express				
		11,16.3	20,24	11	15,18	9,11
3		11,12	10,13	13,14	20	8,9
		14,15	15,15.2	30	15,16	X
		19,20			21.2,28.2	6,9.3
		16,18				8,11
VX2M73 - 5843		PowerPlex® Fusion5C				
		11,16.3	20,24	11	15,18	9,11
3		11,12	10,13	13,14	20	8,9
		14,15	15,15.2	30	15,16	X
		19,20	12,14	12,18		6,9.3
		16,18				8,11
VY8EP4 - 5845		GlobalFiler™ IQC				
		11,16.3	20,24	11,11	15,18	9,11
3		11,12	10,13	13,14	20,20	8,9
		14,15	15,15.2	30,30	15,16	X,X
		19,20			21.2,28.2	6,9.3
		16,18				8,11
WA6F7E - 5845		Identifiler® Plus				
			20,24		15,18	9,11
3		11,12	10,13			8,9
		14,15	15,15.2	30		X
		19,20				6,9.3
		16,18				8,11

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

WM7BYE - 5843	GlobalFiler™ Express (SmallPond)					
	11,16.3	20,24	11,11	15,18	9,11	N/A
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20	N/A	N/A	21.2,28.2	6,9.3	8,11
	16,18	N/A	N/A	N/A	N/A	
WXQKPT - 5845	PowerPlex® Fusion 5C					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20	12,14	12,18		6,9.3	8,11
	16,18					
Y26Y7Y - 5845	PowerPlex® Fusion 5C					
	11,16.3	20,24	11	15,18	9,11	
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20	12,14	12,18		6,9.3	8,11
	16,18					
YFKZ3P - 5845	PowerPlex® Fusion					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20	12,14	12,18		6,9.3	8,11
	16,18					
YLY2BL - 5843	PowerPlex®					
	11,16.3	20,24		15,18	9,11	11,13
3	11,12	10,13		20,20	8,9	11,11
	14,15	15,15.2	30,30		X,X	10,14
	19,20	12,14	12,18		6,9.3	8,11
	16,18					
YNE6VQ - 5845	PowerPlex® Fusion					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20	12,14	12,18		6,9.3	8,11
	16,18					
YW9BQD - 5843	PowerPlex® Fusion 5C					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20	12,14	12,18		6,9.3	8,11
	16,18					

TABLE 1

WebCode - Test	Amplification Kits (Probabilistic Genotyping)					
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

ZAB4VU - 5845	PowerPlex® Fusion 6C					
	11,16.3	20,24	11	15,18	9,11	
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20	12,14	12,18	21.2,28.2	6,9.3	8,11
	16,18	no results	no results	no results		
ZH69PV - 5843	GlobalFiler™ Express					
	11,16.3	20,24	11,11	15,18	9,11	
3	11,12	10,13	13,14	20,20	8,9	11,11
	14,15	15,15.2	30,30	15,16	X,X	10,14
	19,20			21.2,28.2	6,9.3	8,11
	16,18					
ZMY3MW - 5844	PowerPlex® Fusion 6C					
	11,16.3	20,24	11	15,18	9,11	
3	11,12	10,13	13,14	20	8,9	11
	14,15	15,15.2	30	15,16	X	10,14
	19,20	12,14	12,18	21.2,28.2	6,9.3	8,11
	16,18	NR	NR	NR		
ZRWMT2 - 5845	Identifiler® Plus					
		20,24		15,18	9,11	
3	11,12	10,13			8,9	11
	14,15	15,15.2	30		X	10,14
	19,20				6,9.3	8,11
	16,18					

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 1 - YSTR Results									
2QUGMR - 5845	PowerPlex® Y 23								
1	14	11,14	13	29	23	11	13	13	
	15	12	12	19	16	17	22		
	12	13	17	18	23	10	11		
4DZUDZ - 5845	Investigator ArgusY28								
1	14	11,14	13	29	23	11	13pp	13	
	15	12	12	19	28	16	17	11	22
	38	12	13	17	18	23	23	10	11
4ZX4UH - 5844	PowerPlex® Y 23								
1	14	11,14	13	29	23	11	13	13	
	15	12	12	19	16	17	22		
	12	13	17	18	23	10	11		
6L8ZH4 - 5843	Yfiler® Plus								
1	35,37	14	11,14	13	29	23	11	13	13
	15	12	12	19	28	16	17	11	22
	38	12	-	17	18	23	23	-	11
7FX4C9 - 5845	Yfiler® Plus								
1	35,37	14	11,14	13	29	23	11	13	13
	15	12	12	19	28	16	17	11	22
	38	12		17	18	23	23		11
9F9HY9 - 5843	Yfiler®								
1	14	11,14	13	29	23	11	13	13	
	15	12	12	19	16	17			
						23			11
BA2NYX - 5843	PowerPlex® Y 23								
1	14	11,14	13	29	23	11	13	13	
	15	12	12	19	16	17	22		
	12	13	17	18	23	10	11		
BH8KVN - 5843	Yfiler®								
1	14	11,14	13	29	23	11	13	13	
	15	12	12	19	16	17			
						23			11
D2XLMW - 5843	PowerPlex® Y 23								
1	14	11,14	13	29	23	11	13	13	
	15	12	12	19	16	17	22		
	12	13	17	18	23	10	11		
DKADLR - 5843	PowerPlex® Y 23								
1	14	11,14	13	29	23	11	13	13	
	15	12	12	19	16	17	22		
	12	13	17	18	23	10	11		
EBJYFZ - 5843	Yfiler® Yfiler™ Plus								
1	35,37	14	11,14	13	29	23	11	13	13
	15	12	12	19	28	16	17	11	22
	38	12		17	18	23	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 1 - YSTR Results

GU6KXU - 5843		Yfiler® Plus							
1	35,37	14	11,14	13	29	23	11	13	13
	15	12	12	19	28	16	17	11	22
	38	12		17	18	23	23		11
HRQHKU - 5843		PowerPlex® Y 23							
1		14	11,14	13	29	23	11	13	13
	15	12	12	19		16	17		22
		12	13	17	18		23	10	11
HVQQQP - 5843		PowerPlex® Y 23							
1		14	11,14	13	29	23	11	13	13
	15	12	12	19		16	17		22
		12	13	17	18		23	10	11
JXX9MY - 5843		Yfiler®							
1		14	11,14	13	29	23	11	13	13
	15	12	12	19		16	17		22
							23		11
MWCTPZ - 5844		PowerPlex® Y 23							
1		14	11,14	13	29	23	11	13	13
	15	12	12	19		16	17		22
		12	13	17	18		23	10	11
NHMBA2 - 5843		PowerPlex® Y 23							
1		14	11,14	13	29	23	11	13	13
	15	12	12	19		16	17		22
		12	13	17	18		23	10	11
P2FLNN - 5845		PowerPlex® Y 23							
1		14	11,14	13	29	23	11	13	13
	15	12	12	19		16	17		22
		12	13	17	18		23	10	11
QVJ CXM - 5843		PowerPlex® Y 23							
1		14	11,14	13	29	23	11	13	13
	15	12	12	19		16	17		22
		12	13	17	18		23	10	11
QZWW3M - 5843		PowerPlex® Y 23							
1		14	11,14	13	29	23	11	13	13
	15	12	12	19		16	17		22
		12	13	17	18		23	10	11
RU8UF3 - 5844		PowerPlex® Y 23							
1		14	11,14	13	29	23	11	13	13
	15	12	12	19		16	17		22
		12	13	17	18		23	10	11
RWDF99 - 5843		PowerPlex® Y 23							
1		14	11,14	13	29	23	11	13	13
	15	12	12	19		16	17		22
		12	13	17	18		23	10	11
TEDPPK - 5844		Yfiler®							
1		14	11,14	13	29	23	11	13	13
	15	12	12	19		16	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 1 - YSTR Results

TYFF4Z - 5843		PowerPlex® Y 23							
1		14	11,14	13	29	23	11	13	13
	15	12	12	19		16	17		22
		12	13	17	18		23	10	11
V4ZGVN - 5843		Yfiler®							
1		14	11,14	13	29	23	11	13	13
	15	12	12	19		16	17		
							23		11
WM7BYE - 5843		Yfiler® Plus							
1	35,37	14	11,14	13	29	23	11	13	13
	15	12	12	19	28	16	17	11	22
	38	12	N/A	17	18	23	23	N/A	11
ZAB4VU - 5845		PowerPlex® Y 23							
1		14	11,14	13	29	23	11	13	13
	15	12	12	19		16	17		22
		12	13	17	18		23	10	11
ZMY3MW - 5844		Yfiler® Plus							
1	35,37	14	11,14	13	29	23	11	13	13
	15	12	12	19	28	16	17	11	22
	38	12		17	18	23	23		11

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
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No additional DNA results were reported.

Additional Comments

TABLE 4

WebCode - Test	Additional Comments
2QKUFJ - 5845	Samples were analyzed using the laboratory's protocol for direct amplification with the GlobalFiler Express amplification kit. Sample 1 required additional analysis to obtain full profile, this was done via the laboratory's good faith effort protocol for re-amplification after a heated digest.
2QUGMR - 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 1 was tested and charted using the PCR-based Promega PowerPlex Y23 System. All evidence will be retained at the [Laboratory] until the proficiency test results are confirmed, at which point the evidence will be discarded.
3VJFC8 - 5844	Blank spaces in the STR results table indicate that results were not obtained at that locus. The Y indel is not analyzed by the database laboratory; therefore, Y indel is also left blank. Multiple attempts at processing Item1 did not yield a full profile. Only the loci with results above the FDDU peak interpretation threshold (PIT) are included in the STR results table. Incorrect label 22-5844 on the manila envelope for Item 3.
4AHJEC - 5844	Incorrect label 22-5844 on the manila envelope for item 3. Y-indel is not analyzed by the laboratory; therefore Y-indel results not reported. Blank spaces in the STR results table indicate that results were not obtained at that locus.
6DDVP3 - 5844	Blank spaces in the STR results table indicate that results were not obtained at that locus. The Y indel is not analyzed by the database laboratory; therefore, Y indel is also left blank. Incorrect Test ID label 22-5844 on the manila envelope for Item 3. The sample for Item 3 labeled correctly with Test ID 23-5844. After multiple attempts at processing the Item 1 sample did not yield a full profile.
7DYXGH - 5843	NR = No Result
7Z7WMN - 5845	YSTRs not performed due to not being performed by the Databank section of the lab.
8JEL9K - 5845	Items 1-3 were tested and charted using the PCR-based Promega Powerplex Fusion 6C System. All evidence will be retained at [Laboratory] until the proficiency results are confirmed, at which point the evidence will be discarded.
8W2T7K - 5845	Items 1-3 were tested and charted using the PCR-based Promega Powerplex Fusion 6C System. All evidence will be retained at [Laboratory] until the proficiency results are confirmed, at which point the evidence will be discarded.
9DMXRJ - 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.
DG9CGN - 5844	Item 1 was typed twice with the RAPIDHIT ID ACE cartridge and exhibited allelic drop out at loci CSF1PO and TPOX with both typing attempts.
DMH8NJ - 5844	NR indicates no results at a locus
JT2J7R - 5843	A partial profile was developed for item 1 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.
M7JFVF - 5845	NR - no results
M92UYF - 5845	NR = no result
MA6UJU - 5843	Used F1 double punch for reporting sample 1. 2 out 12 double punches attempted passed. C1 failed to produce a full profile. Attempted C1 with 4 single punches, 4 double punches, and 4 with 5X amp solution. Data shows inhibition and has an artifact/dye blob at D5 in multiple amps.

TABLE 4

WebCode - Test	Additional Comments
P2FLNN - 5845	extraction was carried out using the DNA IQ Casework Pro kit on PROMEGA's Maxwell 16 instrument.
PQ2NDX - 5845	A GlobalFiler Express heated digest protocol was used for items 1 and 2 as part of good faith efforts. The profiles obtained were concordant to the profile from the original Global Filer Express protocol. Item 1 was also extracted using a GlobalFiler protocol. The sample was extracted using the Qiagen EZ1 instrument and kit. Quantification was performed using the Quantifiler Trio kit and amplification was completed with the GlobalFiler PCR kit. The full profile obtained was concordant to the profile obtained from the original GlobalFiler Express protocol.
PWNAWY - 5843	No result reported for Item 1 at DYS391 due to data below lab AT (analytical threshold). This profile is considered to be a complete and uploadable database profile per lab policy as the DYS391 locus is not used for comparison purposes and serves to help identify potential null-Y samples.
QE8UGU - 5845	All three items processed by Rapid HIT. DBS2, Item 1 had DO at CSF1PO and TPOX so was subsequently extracted and amplified with GlobalFiler. A complete profile was obtained. It was also discovered that D12S391 was heterozygous although the profile obtained by Rapid HIT was homozygous and 1 rfu above the stochastic threshold. The DNA extract was amplified three times with GlobalFiler and the 2nd peak reproduces although it is consistently <50% of its sister allele. However, several loci in all three GlobalFiler amplifications exhibit suboptimal peak height ratios, so this is not clear evidence of a tri-allele at D12S391.
QPG84H - 5844	Blank spaces in the STR results table indicate that results were not obtained at that locus. The Y indel is not analyzed by the database laboratory; therefore, Y indel is also left blank. Incorrect Test ID label 22-5844 on the manila envelope for Item 3. The sample for Item 3 labeled correctly with Test ID 23-5844.
RGZTZC - 5845	NR= no results
V7F6ML - 5845	Samples tested using manual methods by [Initials].
VT2NKC - 5844	Blank spaces in the STR results table indicate that results were not obtained at that locus. The Y indel is not analyzed by the database laboratory; therefore, Y indel is also left blank. For Item 3, the manila envelope is incorrectly labeled 22-5844 but the collector is correctly labeled 23-5844.
WM7BYE - 5843	PARA LLEVAR A CABO EL INGRESO EN BASE DE DATOS, SE UTILIZÓ EL SOFTWARE SMALLPOND. [Requested translation was not provided by time of publication.]
YW9BQD - 5843	A partial profile was developed for Item 1 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.
ZAB4VU - 5845	Items 1-3 were tested and charted using the PCR-based Promega Powerplex Fusion 6C System. Item 1 was 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.
ZMY3MW - 5844	NR = NO RESULTS

-End of Report-
(Appendix may follow)

Collaborative Testing Services ~ Forensic Testing Program

Test No. 23-5843: DNA Database - Saliva

DATA MUST BE SUBMITTED BY **Sept. 25, 2023, 11:59 p.m. EDT** TO BE INCLUDED IN THE REPORT

Participant Code: U1234A

WebCode: PTCQ43

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 (Male)
- Item 2: Known buccal/saliva standard from Individual 2 (Female)
- Item 3: Known buccal/saliva standard from Individual 3 (Female)

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

- 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
2						
ITEM	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
2						
ITEM	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
2						
ITEM	FGA	Penta D	Penta E	SE33	TH01	TPOX
2						
ITEM	vWA	DYS391	DYS570	DYS576	Y Indel	
2						

Part I (continued): DNA Results for Known Item 3

- 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
3						
ITEM	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
3						
ITEM	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
3						
ITEM	FGA	Penta D	Penta E	SE33	TH01	TPOX
3						
ITEM	vWA	DYS391	DYS570	DYS576	Y Indel	
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.

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)