



## **DNA Database - Saliva Test No. 24-5843/4/5 Summary Report**

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Each participant received a sample set consisting of three buccal/saliva standards which they were asked to analyze using their existing protocols. Data were returned from 179 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 cotton swabs. Participants were asked 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  $\mu\text{L}$  of the cell suspension, the Bode Buccal® DNA Collectors were spotted with 200  $\mu\text{L}$  of the cell suspension, and the cotton swabs were spotted with 125  $\mu\text{L}$  of the cell suspension. Item 1 and Item 2 were created using two different male donors. Item 3 was created using a female donor. The items were prepared at separate times and were packaged once they were thoroughly dried. Completed sample sets were stored at  $-20^{\circ}\text{C}$  until shipment on August 13, 2024.

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: Predistribution results were consistent with each other and the manufacturer's preparation information.

### **Key to Test Substrates**

5843 - FTA™ Indicating Micro Cards

5844 - Bode Buccal® DNA Collectors

5845 - Cotton 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	
<hr style="border-top: 1px dashed #000;"/>						
1	11,12	16,24	14,14	16,18	11,11	*
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18	26,2,33,2	6,9	8,8
	15,20	11	21	18	2	
<hr style="border-top: 1px dashed #000;"/>						
2	16,16,3	17,19	11,3,12	15,15	11,14	*
	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32,2	15,16	X,Y	10,12
	24,24	10,12	10,12	19,30,2	6,7	8,8
	16,19	10	17	17	2	
<hr style="border-top: 1px dashed #000;"/>						
3	11,18,3	20,22	11,14	17,19	10,11	*
	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23	10,14	12,16	20,20	8,8	8,8
	15,16	NM	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
<hr style="border-top: 1px dashed #000;"/>									
1	38,39	16	11,16	13	30	25	11	11	13
	14	11	10	20	31	15	15	11	23
	40	12	13	21	18	16	25	10	13
<hr style="border-top: 1px dashed #000;"/>									
2	35,38	13	10,15	13	30	24	10	14	13
	14	11	13	19	31	15	15	10	27
	40	11	12	17	17	20	22	10	11

\* A consensus was not achieved for the loci indicated.

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

## **Summary Comments**

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This 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 cotton swabs. Item 1 and Item 2 were created using two different male donors. Item 3 was created using a female donor. Refer to the Manufacturer's Information for preparation details.

For STR results, all participants reported consistent results, with the exception of two participants which reported an inconsistent result for one or more loci for Item 2.

For YSTR results, all participants reported consistent results.

Approximately 12% of participants documented difficulty obtaining a full profile from one or more items, a majority of which faced difficulty with Item 2. A trend was not identified related to amplification kits or substrates; however, many participants mentioned utilizing a direct amplification technique.

# STR Amplification Kit(s) & Results

TABLE 1

WebCode - Test	Amplification Kits					
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

27TDX8 - 5843	PowerPlex®					
	11,12	16,24		16,18	11,11	12,12
1	10,13	10,11		19,3,23	11,14	13,13
	14,14	14,15	28,29		X,Y	11,12
	20,2,22,2	13,13	17,18		6,9	8,8
	15,20					
27VZEL - 5845	PowerPlex® Fusion 5C					
	11,12	16,24	14	16,18	11	
1	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13	17,18		6,9	8
	15,20	11				
2HNJUQ - 5843	GlobalFiler™ Express, GlobalFiler					
	11,12	16,24	14,14	16,18	11,11	
1	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	
2M33B8 - 5845	PowerPlex®					
	11,12	16,24	14,14	16,18	11,11	
1	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18	26,2,33,2	6,9	8,8
	15,20	11	21	18		
2NT2P7 - 5845	PowerPlex® Fusion 6C					
	11,12	16,24	14	16,18	11	
1	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13	17,18	26,2,33,2	6,9	8
	15,20	11	21	18		
32FTQL - 5844	PowerPlex® Fusion 6C					
	11,12	16,24	14,14	16,18	11,11	
1	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18	26,2,33,2	6,9	8,8
	15,20	11	21	18		

TABLE 1

WebCode - Test		Amplification Kits				
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

33TPCD - 5843		GlobalFiler™ Express				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	
36F2VW - 5844		Investigator® 24plex GO!				
1	11,12	16,24	14	16,18	11	
	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8
	15,20	11				
3JV2RM - 5843		Investigator® 24plex GO!				
1	11,12	16,24	14	16,18	11	
	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8
	15,20	11				
3W669X - 5843		PowerPlex® Fusion, PowerPlex®ESX17				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18	26,2,33,2	6,9	8,8
	15,20	11				
3YPQJC - 5845		GlobalFiler™ Express				
1	11,12	16,24	14	16,18	11	
	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8
	15,20	11			2	
434NQY - 5843		GlobalFiler™				
1	11,12	16,24	14	16,18	11	
	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8
	15,20	11			2	
44XWUW - 5843		GlobalFiler™ Express				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	

TABLE 1

WebCode - Test		Amplification Kits				
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

4G4QL9 - 5843		GlobalFiler™ Express				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	
4NJ7WB - 5843		PowerPlex® Fusion 5C				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18		6,9	8,8
	15,20	11				
4PWXR - 5843		GlobalFiler™ Express				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	
4Q9BTN - 5845		Identifiler® Plus				
1		16,24		16,18	11	
	10,13	10,11			11,14	13
	14	14,15	28,29		X,Y	11,12
	20,2,22,2				6,9	8
	15,20					
4WCEG2 - 5845		PowerPlex® Fusion 6C				
1	11,12	16,24	14	16,18	11	
	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13	17,18	26,2,33,2	6,9	8
	15,20	11	21	18		
4Y33UA - 5843		GlobalFiler™ Express, GlobalFiler				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	
6QTZ99 - 5843		GlobalFiler™ Express				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	

TABLE 1

WebCode - Test	Amplification Kits					
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

6XMF3Z - 5843	PowerPlex® Fusion 6C					
	11,12	16,24	14,14	16,18	11,11	
1	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18	26,2,33,2	6,9	8,8
	15,20	11	21	18		
7BPNXM - 5843	PowerPlex® Fusion 5C					
	11,12	16,24	14,14	16,18	11,11	
1	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18		6,9	8,8
	15,20	11				
7RYFZR - 5844	Investigator® 24plex GO!					
	11,12	16,24	14	16,18	11	
1	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8
	15,20	11				
7XMZ49 - 5843	PowerPlex® Fusion 6C					
	11,12	16,24	14,14	16,18	11,11	
1	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18	26,2,33,2	6,9	8,8
	15,20	11	21	18		
7ZPXEZ - 5843	GlobalFiler™ Express					
	11,12	16,24	14,14	16,18	11,11	
1	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	
89XR9T - 5843	PowerPlex® Fusion 6C					
	11,12	16,24	14,14	16,18	11,11	
1	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18	26,2,33,2	6,9	8,8
	15,20	11	21	18		
8ACEKF - 5843	PowerPlex® Fusion 5C					
	11,12	16,24	14	16,18	11	
1	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13	17,18		6,9	8
	15,20	11				



TABLE 1

WebCode - Test		Amplification Kits				
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

8CXZD4 - 5843		PowerPlex® Fusion 5C				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18		6,9	8,8
	15,20	11				
8E89HH - 5845		GlobalFiler™ Express				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	
8EPYR2 - 5845		PowerPlex® Fusion 6C				
1	11,12	16,24	14,14	16,18	11,11	-
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18	26,2,33,2	6,9	8,8
	15,20	11	21	18	-	
8T6K79 - 5843		GlobalFiler™ Express				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	
8VPABY - 5843		GlobalFiler™ Express				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	
96VVVR - 5845		GlobalFiler™				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	
98LCC8 - 5845		GlobalFiler™, GlobalFiler Express				
1	11,12	16,24	14	16,18	11	
	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8
	15,20	11			2	

TABLE 1

WebCode - Test		Amplification Kits				
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

9CDJX2 - 5845		PowerPlex® Direct				
	11,12	16,24	14,14	16,18	11,11	
1	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18	26,2,33,2	6,9	8,8
	15,20	11	21	18		
9GBQ96 - 5843		GlobalFiler™ Express				
	11,12	16,24	14,14	16,18	11,11	
1	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	
9KMBZ4 - 5844		PowerPlex® Fusion 5C				
	11,12	16,24	14	16,18	11	
1	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13	17,18		6,9	8
	15,20	11				
9PKREJ - 5843		PowerPlex® Fusion 5C				
	11,12	16,24	14,14	16,18	11,11	
1	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18		6,9	8,8
	15,20	11				
9QCD23 - 5843		GlobalFiler™ Express, GlobalFiler				
	11,12	16,24	14,14	16,18	11,11	
1	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	
9RU6C8 - 5843		GlobalFiler™ Express				
	11,12	16,24	14,14	16,18	11,11	
1	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	
9UXDL6 - 5844		PowerPlex® Fusion 5C				
	11,12	16,24	14	16,18	11	
1	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13	17,18		6,9	8
	15,20	11				

TABLE 1

WebCode - Test		Amplification Kits				
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

A6AWH7 - 5845		GlobalFiler™ Express				
1	11,12	16,24	14	16,18	11	
	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8
	15,20	11			2	
AK4JQJ - 5843		PowerPlex® Fusion 5C				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18		6,9	8,8
	15,20	11				
B29B7U - 5843		PowerPlex® Fusion 6C				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18	26,2,33,2	6,9	8,8
	15,20	11	21	18		
B34GH2 - 5843		GlobalFiler™ Express				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	
BEDUGU - 5845		PowerPlex® Fusion 6C				
1	11,12	16,24	14	16,18	11	NR
	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13	17,18	26,2,33,2	6,9	8
	15,20	11	21	18	NR	
BNZVX4 - 5844		PowerPlex® Fusion 5C				
1	11,12	16,24	14	16,18	11	
	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13	17,18		6,9	8
	15,20	11				
C46EBL - 5844		GlobalFiler™ Express				
1	11,12	16,24	14	16,18	11	
	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8
	15,20	11			2	

TABLE 1

WebCode - Test		Amplification Kits				
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

C926GX - 5843		PowerPlex® 21				
1	11,12	16,24		16,18	11,11	12,12
	10,13	10,11		19,3,23	11,14	13,13
	14,14	14,15	28,29		X,Y	11,12
	20,2,22,2	13,13	17,18		6,9	8,8
	15,20					
CB6ZZZ - 5844		PowerPlex® Fusion 5C				
1	11,12	16,24	14	16,18	11	
	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13	17,18		6,9	8
	15,20	11				
CDWWPU - 5843		GlobalFiler™ Express				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	
CGUD2N - 5843		PowerPlex® Fusion 6C				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18	26,2,33,2	6,9	8,8
	15,20	11	21	18		
CJLAQH - 5843		PowerPlex® Fusion 5C				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18		6,9	8,8
	15,20	11				
CUKA22 - 5844		PowerPlex® Fusion 5C				
1	11,12	16,24	14	16,18	11	
	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13	17,18		6,9	8
	15,20	11				
CVC7QU - 5843		GlobalFiler™ Express				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	

TABLE 1

WebCode - Test		Amplification Kits				
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

CXN9U2 - 5843		GlobalFiler™ Express				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	
CZREEU - 5845		GlobalFiler™ IQC				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	
D4NKAC - 5843		VeriFiler Plus				
1	11,12	16,24	14	16,18	11	12
	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13	17,18		6,9	8
	15,20				2	
D94HXL - 5843		PowerPlex® Fusion				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18		6,9	8,8
	15,20	11				
DCHCBX - 5843		GlobalFiler™ Express				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	
DQJRYL - 5845		PowerPlex® Fusion 6C				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18	26,2,33,2	6,9	8,8
	15,20	11	21	18		
DZP7ML - 5844		Investigator® 24plex GO!				
1	11,12	16,24	14	16,18	11	
	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8
	15,20	11				

TABLE 1

WebCode - Test		Amplification Kits				
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

E38BPW - 5843		GlobalFiler™ Express				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	
EBH93Z - 5843		PowerPlex® Fusion 6C				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18	26,2,33,2	6,9	8,8
	15,20	11	21	18		
EGT3LB - 5845		Identifiler® Plus				
1		16,24		16,18	11	
	10,13	10,11			11,14	13
	14	14,15	28,29		X,Y	11,12
	20,2,22,2				6,9	8
	15,20					
EPJNPN - 5843		NGM SElectExpress				
1	11,12	16,24	14,14	16,18		
	10,13	10,11	13,15	19,3,23		13,13
	14,14	14,15	28,29	15,16	X,Y	
	20,2,22,2			26,2,33,2	6,9	
	15,20					
F9RTLJ - 5843		GlobalFiler™ Express				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	
FBVX6C - 5845		GlobalFiler™				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	
FNMRDY - 5845		GlobalFiler™ Express				
1	11,12	16,24	14	16,18	11	
	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8
	15,20	11			2	

TABLE 1

WebCode - Test		Amplification Kits				
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

FRHJLW - 5843		GlobalFiler™ Express				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	
G8FQGD - 5843		PowerPlex® Fusion 5C				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18		6,9	8,8
	15,20	11				
G93XFA - 5843		PowerPlex® Fusion				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18		6,9	8,8
	15,20	11				
GBFNKX - 5843		GlobalFiler™ Express				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	
GLD3PG - 5844		Investigator® 24plex GO!				
1	11,12	16,24	14	16,18	11	
	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8
	15,20	11				
GQLHY6 - 5843		Investigator® 24plex GO!				
1	11,12	16,24	14	16,18	11	
	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8
	15,20	11				
GTW8MN - 5843		PowerPlex® Fusion 6C				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18	26,2,33,2	6,9	8,8
	15,20	11	21	18		

TABLE 1

WebCode - Test		Amplification Kits				
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

GVY37Q - 5845		PowerPlex® Fusion 6C				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18	26,2,33,2	6,9	8,8
	15,20	11	21	18		
GXRYUK - 5843		GlobalFiler™				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	
H28C7E - 5843		GlobalFiler™ Express				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	
H7CM3R - 5843		GlobalFiler™ Express				
1	11,12	16,24	14	16,18	11	
	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8
	15,20	11			2	
HDXH7G - 5844		Investigator® 24plex 24plex GO!				
1	11,12	16,24	14	16,18	11	
	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8
	15,20	11				
HEA6BW - 5843		GlobalFiler™ Express				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	
HL7AB7 - 5845		PowerPlex® Fusion 5C				
1	11,12	16,24	14	16,18	11	
	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13	17,18		6,9	8
	15,20	11				



TABLE 1

WebCode - Test		Amplification Kits				
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

HLQQQ9 - 5843		GlobalFiler™				
1	11,12	{16,24}	14,14	16,18	11,11	Not Tested
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	Not Tested	Not Tested	26,2,33,2	6,9	8,8
	15,20	11	Not Tested	Not Tested	2	
HQ32GG - 5843		PowerPlex® Fusion 6C				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18	26,2,33,2	6,9	8,8
	15,20	11	21	18		
HTUX7B - 5843		PowerPlex® Fusion 5C				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18		6,9	8,8
	15,20	11				
HZRPE6 - 5844		GlobalFiler™				
1	11,12	16,24	14	16,18	11	
	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8
	15,20	11			2	
J4L3CE - 5844		Investigator® 24plex GO!				
1	11,12	16,24	14	16,18	11	
	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8
	15,20	11				
JDFCFD - 5843		Identifiler® Plus				
1		16,24		16,18	11,11	
	10,13	10,11			11,14	13,13
	14,14	14,15	28,29		X,Y	11,12
	20,2,22,2				6,9	8,8
	15,20					
JX2KGR - 5843		GlobalFiler™ Express				
1	11,12	16,24	14	16,18	11	
	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8
	15,20	11			2	

TABLE 1

WebCode - Test		Amplification Kits				
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

KL6M3D - 5843		VeriFiler Plus				
1	11,12	16,24	14,14	16,18	11,11	12,12
	10,13	10,11	13,15	19.3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20.2,22.2	13,13	17,18		6,9	8,8
	15,20				2	
KXUJ2Q - 5843		GlobalFiler™ Express				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19.3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20.2,22.2			26.2,33.2	6,9	8,8
	15,20	11			2	
L69R3R - 5843		GlobalFiler™ Express, GlobalFiler				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19.3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20.2,22.2			26.2,33.2	6,9	8,8
	15,20	11			2	
L6AYCR - 5845		GlobalFiler™				
1	11,12	16,24	14	16,18	11	
	10,13	10,11	13,15	19.3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20.2,22.2			26.2,33.2	6,9	8
	15,20	11			2	
LFCYKD - 5845		PowerPlex® Fusion - ESX				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19.3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20.2,22.2	13,13	17,18	26.2,33.2	6,9	8,8
	15,20	11				
LK4LK7 - 5845		Identifiler® Plus				
1		16,24		16,18	11	
	10,13	10,11			11,14	13
	14	14,15	28,29		X,Y	11,12
	20.2,22.2				6,9	8
	15,20					
LV3GEU - 5843		PowerPlex® Fusion 5C				
1	11,12	16,24	14	16,18	11	
	10,13	10,11	13,15	19.3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20.2,22.2	13	17,18		6,9	8
	15,20	11				

TABLE 1

WebCode - Test	Amplification Kits					
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

LWHFXJ - 5845	PowerPlex® Fusion 6C					
	11,12	16,24	14	16,18	11	NR
1	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13	17,18	26,2,33,2	6,9	8
	15,20	11	21	18	NR	
LZE6EQ - 5843	GlobalFiler™ Express					
	11,12	16,24	14	16,18	11	
1	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8
	15,20	11			2	
LZUQNT - 5843	Investigator® 24plex GO!					
	11,12	16,24	14	16,18	11	
1	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8
	15,20	11				
LZWD67 - 5843	GlobalFiler™ Express					
	11,12	16,24	14,14	16,18	11,11	
1	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	
MD2JNR - 5843	GlobalFiler™ Express					
	11,12	16,24	14,14	16,18	11,11	
1	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	
MNH7ZD - 5845	GlobalFiler™					
	11,12	16,24	14,14	16,18	11,11	
1	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	
MUPATD - 5843	PowerPlex® Fusion 6C					
	11,12	16,24	14,14	16,18	11,11	
1	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18	26,2,33,2	6,9	8,8
	15,20	11	21	18		

TABLE 1

WebCode - Test	Amplification Kits					
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

MVG7G8 - 5843	PowerPlex® Fusion 5C					
	11,12	16,24	14,14	16,18	11,11	
1	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18		6,9	8,8
	15,20	11				
MXKXAK - 5845	PowerPlex® Fusion 6C					
	11,12	16,24	14,14	16,18	11,11	
1	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18	26,2,33,2	6,9	8,8
	15,20	11	21	18		
MZCWNJ - 5845	GlobalFiler™					
	11,12	16,24	14,14	16,18	11,11	
1	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	
N4QUV7 - 5843	PowerPlex® Fusion 5C					
	11,12	16,24	14,14	16,18	11,11	
1	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18		6,9	8,8
	15,20	11				
N9M28A - 5843	Verifiler Plus					
	11,12	16,24	14,14	16,18	11,11	12,12
1	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18		6,9	8,8
	15,20				2	
NB43UL - 5843	PowerPlex® Fusion 5C					
	11,12	16,24	14,14	16,18	11,11	
1	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18		6,9	8,8
	15,20	11				
NFYWU9 - 5844	Investigator® 24plex GO!					
	11,12	16,24	14	16,18	11	N/A
1	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	N/A	N/A	26,2,33,2	6,9	8
	15,20	11	N/A	N/A	N/A	

TABLE 1

WebCode - Test	Amplification Kits					
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

NVGPHF - 5843	PowerPlex® Fusion 6C					
	11,12	16,24	14,14	16,18	11,11	
1	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18	26,2,33,2	6,9	8,8
	15,20	11	21	18		
P3R7RZ - 5843	PowerPlex® Fusion 5C					
	11,12	16,24	14,14	16,18	11,11	
1	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18		6,9	8,8
	15,20	11				
P7QGMZ - 5843	PowerPlex® Fusion					
	11,12	16,24	14,14	16,18	11,11	
1	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18		6,9	8,8
	15,20	11				
P93KR8 - 5845	PowerPlex® Fusion, PowerPlex® PPESX17					
	11,12	16,24	14,14	16,18	11,11	
1	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18	26,2,33,2	6,9	8,8
	15,20	11				
PMLANN - 5843	GlobalFiler™ Express					
	11,12	16,24	14,14	16,18	11,11	
1	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	
PN9K6L - 5843	GlobalFiler™ Express					
	11,12	16,24	14,14	16,18	11,11	
1	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	
PNB9MZ - 5845	Identifiler® Plus					
		16,24		16,18	11	
1	10,13	10,11			11,14	13
	14	14,15	28,29		X,Y	11,12
	20,2,22,2				6,9	8
	15,20					

TABLE 1

WebCode - Test		Amplification Kits				
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

PPMBQ7 - 5843		PowerPlex® Fusion, GlobalFiler™ Express				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18	26,2,33,2	6,9	8,8
	15,20	11			2	
PTNTTL - 5843		GlobalFiler™ Express				
1	11,12	16,24	14	16,18	11	
	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8
	15,20	11			2	
PXVJWR - 5843		PowerPlex® Fusion 6C, Investigator® 24plex QS				
1	11,12	16,24	14	16,18	11	
	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13	17,18	26,2,33,2	6,9	8
	15,20	11	21	18		
PZ32UM - 5844		PowerPlex® Fusion 5C				
1	11,12	16,24	14	16,18	11	
	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13	17,18		6,9	8
	15,20	11				
Q3BAY2 - 5845		Identifiler® Plus				
1		16,24		16,18	11	
	10,13	10,11			11,14	13
	14	14,15	28,29		X,Y	11,12
	20,2,22,2				6,9	8
	15,20					
Q6BH4B - 5843		PowerPlex® Fusion				
1	11,12	16,24	14	16,18	11	
	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13	17,18		6,9	8
	15,20	11				
QH44A7 - 5844		Investigator® 24plex GO!				
1	11,12	16,24	14	16,18	11	
	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8
	15,20	11				

TABLE 1

WebCode - Test		Amplification Kits				
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

QJCGR9 - 5844		Investigator® 24plex GO!				
1	11,12	16,24	14	16,18	11	
	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8
	15,20	11				
QJVZYZ - 5843		GlobalFiler™				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	
QMVY3K - 5843		GlobalFiler™ Express				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	
QRQ3ZC - 5843		GlobalFiler™				
1	11,12	16,24	14	16,18	11	
	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8
	15,20	11			2	
QVPGM2 - 5843		PowerPlex® Fusion 5C				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18		6,9	8,8
	15,20	11				
R3HBX6 - 5844		Investigator® 24plex GO!				
1	11,12	16,24	14	16,18	11	
	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8
	15,20	11				
R6A8MY - 5845		Identifiler® Plus				
1		16,24		16,18	11	
	10,13	10,11			11,14	13
	14	14,15	28,29		X,Y	11,12
	20,2,22,2				6,9	8
	15,20					

TABLE 1

WebCode - Test		Amplification Kits				
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

R8VUFL - 5845		GlobalFiler™				
1	11,12	16,24	14	16,18	11	
	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8
	15,20	11			2	
RAMRUK - 5843		GlobalFiler™ Express				
1	11,12	16,24	14	16,18	11	
	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8
	15,20	11			2	
RC9UCD - 5843		GlobalFiler™ IQC				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	
REZTQC - 5843		PowerPlex® Fusion 6C				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18	26,2,33,2	6,9	8,8
	15,20	11	21	18		
RMBUCC - 5843		PowerPlex® Fusion 6C				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18	26,2,33,2	6,9	8,8
	15,20	11	21	18		
T3YNZM - 5844		Investigator® 24plex GO!				
1	11,12	16,24	14	16,18	11	
	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8
	15,20	11				
T8VBVW - 5845		Identifiler® Plus				
1		16,24		16,18	11	
	10,13	10,11			11,14	13
	14	14,15	28,29		X,Y	11,12
	20,2,22,2				6,9	8
	15,20					



TABLE 1

WebCode - Test	Amplification Kits					
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

TGKFJ - 5843	GlobalFiler™ Express					
	11,12	16,24	14	16,18	11	
1	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8
	15,20	11			2	
TQ9RZA - 5843	Investigator® 24plex GO					
	11,12	16,24	14,14	16,18	11,11	
1	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11				
TQ9VPE - 5845	PowerPlex® Fusion 6C					
	11,12	16,24	14,14	16,18	11,11	
1	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18	26,2,33,2	6,9	8,8
	15,20	11	21	18		
U2Y4PT - 5844	GlobalFiler™					
	11,12	16,24	14	16,18	11	
1	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8
	15,20	11			2	
U8QB92 - 5843	GlobalFiler™ Express					
	11,12	16,24	14,14	16,18	11,11	
1	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	
UBB3J4 - 5844	Investigator® 24plex GO!					
	11,12	16,24	14	16,18	11	
1	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8
	15,20	11				
UC4WEM - 5843	PowerPlex® Fusion 6C					
	11,12	16,24	14	16,18	11	
1	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13	17,18	26,2,33,2	6,9	8
	15,20	11	21	18		

TABLE 1

WebCode - Test	Amplification Kits					
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

UL87LC - 5845	PowerPlex® Fusion 6C					
	11,12	16,24	14	16,18	11	NT
1	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13	17,18	26,2,33,2	6,9	8
	15,20	11	21	18	NT	
ULVAHT - 5845	GlobalFiler™ Direct					
	11,12	16,24	14	16,18	11	
1	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8
	15,20	11			2	
UXJGCM - 5843	GlobalFiler™					
	11,12	16,24	14	16,18	11	
1	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8
	15,20	11			2	
UXKWJ2 - 5845	PowerPlex® CS7, Verifiler Express, SureID 27comp, Investigator HDplex					
	11,12	16,24	14,14	16,18	11,11	12,12
1	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18	26,2,33,2	6,9	8,8
	15,20				2	
VFGJLK - 5843	GlobalFiler™ Express					
	11,12	16,24	14,14	16,18	11,11	
1	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	
VHP9TF - 5843	PowerPlex® Fusion 5C					
	11,12	16,24	14,14	16,18	11,11	
1	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18		6,9	8,8
	15,20	11				
VJWNZL - 5843	GlobalFiler™					
	11,12	16,24	14	16,18	11	
1	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8
	15,20	11			2	

TABLE 1

WebCode - Test		Amplification Kits				
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

VRDYF9 - 5843		GlobalFiler™				
	11,12	16,24	14	16,18	11	
1	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8
	15,20	11			2	
VTLEME - 5845		GlobalFiler™ Express				
	11,12	16,24	14	16,18	11	
1	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8
	15,20	11			2	
VXJV2T - 5844		PowerPlex® Fusion 6C				
	11,12	16,24	14	16,18	11	
1	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13	17,18	26,2,33,2	6,9	8
	15,20	11	21	18		
VXYHT3 - 5843		VeriFiler Plus				
	11,12	16,24	14,14	16,18	11,11	12,12
1	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13,13	17,18		6,9	8,8
	15,20				2	
WDR767 - 5843		GlobalFiler™				
	11,12	16,24	14	16,18	11	
1	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8
	15,20	11			2	
WEJ6J6 - 5843		GlobalFiler™ Express				
	11,12	16,24	14,14	16,18	11,11	
1	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	
WLHR9J - 5845		GlobalFiler™ Express, GlobalFiler™				
	11,12	16,24	14	16,18	11	
1	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8
	15,20	11			2	

TABLE 1

WebCode - Test		Amplification Kits				
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

WLJPJE - 5843		GlobalFiler™ Express				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	
WN9UFT - 5844		PowerPlex® Fusion 6C				
1	11,12	16,24	14	16,18	11	
	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13	17,18	26,2,33,2	6,9	8
	15,20	11	21	18		
WVTUUK - 5845		GlobalFiler™ Express				
1	11,12	16,24	14	16,18	11	
	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8
	15,20	11			2	
X9ENMP - 5843		Investigator® 24plex GO!				
1	11,12	16,24	14	16,18	11	
	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8
	15,20	11				
XLCX44 - 5843		PowerPlex® Fusion				
1	11,12	16,24	14	16,18	11	
	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13	17,18		6,9	8
	15,20	11				
XPB9Z4 - 5843		PowerPlex® Fusion				
1	11,12	16,24	14	16,18	11	
	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13	17,18		6,9	8
	15,20	11				
XV66PU - 5843		GlobalFiler™ Express				
1	11,12	16,24	14,14	16,18	11,11	
	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	

TABLE 1

WebCode - Test		Amplification Kits				
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

XWW44T - 5845	Identifiler® Plus					
		16,24		16,18	11	
1	10,13	10,11			11,14	13
	14	14,15	28,29		X,Y	11,12
	20.2,22.2				6,9	8
	15,20					
XZXAFD - 5843	GlobalFiler™ Express					
	11,12	16,24	14	16,18	11	
1	10,13	10,11	13,15	19.3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20.2,22.2			26.2,33.2	6,9	8
	15,20	11			2	
Y643A9 - 5845	PowerPlex® Fusion 6C					
	11,12	16,24	14,14	16,18	11,11	
1	10,13	10,11	13,15	19.3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20.2,22.2	13,13	17,18	26.2,33.2	6,9	8,8
	15,20	11	21	18		
YALQ42 - 5843	PowerPlex® Fusion, ESX 17					
	11,12	16,24	14,14	16,18	11,11	
1	10,13	10,11	13,15	19.3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20.2,22.2	13,13	17,18	26.2,33.2	6,9	8,8
	15,20	11				
YF8F9N - 5845	GlobalFiler™					
	11,12	16,24	14	16,18	11	
1	10,13	10,11	13,15	19.3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20.2,22.2			26.2,33.2	6,9	8
	15,20	11			2	
YGZ948 - 5843	GlobalFiler™ Express					
	11,12	16,24	14,14	16,18	11,11	
1	10,13	10,11	13,15	19.3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20.2,22.2			26.2,33.2	6,9	8,8
	15,20	11			2	
YKKNPF - 5843	GlobalFiler™ Express, GlobalFiler					
	11,12	16,24	14,14	16,18	11,11	
1	10,13	10,11	13,15	19.3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20.2,22.2			26.2,33.2	6,9	8,8
	15,20	11			2	

TABLE 1

WebCode - Test	Amplification Kits					
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

YTTTKX - 5844	Investigator® 24plex GO!					
	11,12	16,24	14	16,18	11	
1	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8
	15,20	11				
YVKMAR - 5845	Identifiler® Plus					
		16,24		16,18	11	
1	10,13	10,11			11,14	13
	14	14,15	28,29		X,Y	11,12
	20,2,22,2				6,9	8
	15,20					
Z47CGY - 5843	PowerPlex® Fusion					
	11,12	16,24	14	16,18	11	
1	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2	13	17,18		6,9	8
	15,20	11				
ZNDKWY - 5844	Investigator® 24plex GO!					
	11,12	16,24	14	16,18	11	
1	10,13	10,11	13,15	19,3,23	11,14	13
	14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8
	15,20	11				
ZUPV6F - 5843	GlobalFiler™ Express					
	11,12	16,24	14,14	16,18	11,11	
1	10,13	10,11	13,15	19,3,23	11,14	13,13
	14,14	14,15	28,29	15,16	X,Y	11,12
	20,2,22,2			26,2,33,2	6,9	8,8
	15,20	11			2	

TABLE 1

WebCode - Test		Amplification Kits				
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

27TDX8 - 5843	PowerPlex®					
	16,16.3	17,19		15,15	11,14	14,20
2	8,12	14,15		18,19	9,12	10,12
	13,16	14,14	30,32.2		X,Y	10,12
	24,24	10,12	10,12		6,7	8,8
	16,19					
27VZEL - 5845	PowerPlex® Fusion 5C					
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24	10,12	10,12		6,7	8
	16,19	10				
2HNJUQ - 5843	GlobalFiler™ Express, GlobalFiler					
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	
2M33B8 - 5845	PowerPlex®					
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,30.2	15,16	X,Y	10,12
	24,24	10,12	10,12	19,30.2	6,7	8,8
	16,19	10	17	17		
2NT2P7 - 5845	PowerPlex® Fusion 6C					
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24	10,12	10,12	19,30.2	6,7	8
	16,19	10	17	17		
32FTQL - 5844	PowerPlex® Fusion 6C					
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24	10,12	10,12	19,30.2	6,7	8,8
	16,19	10	17	17		
33TPCD - 5843	GlobalFiler™ Express					
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	

TABLE 1

WebCode - Test		Amplification Kits				
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

36F2VW - 5844		Investigator® 24plex GO!				
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24			19,30.2	6,7	8
	16,19	10				
3JV2RM - 5843		Investigator® 24plex GO!				
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24			19,30.2	6,7	8
	16,19	10				
3W669X - 5843		PowerPlex® Fusion, PowerPlex®ESX17				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24	10,12	10,12	19,30.2	6,7	8,8
	16,19	10				
3YPQJC - 5845		GlobalFiler™ Express				
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24			19,30.2	6,7	8
	16,19	10			2	
434NQY - 5843		GlobalFiler™				
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24			19,30.2	6,7	8
	16,19	10			2	
44XWUW - 5843		GlobalFiler™				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	
4G4QL9 - 5843		GlobalFiler™ Express				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	



TABLE 1

WebCode - Test	Amplification Kits					
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

4NJ7WB - 5843	PowerPlex® Fusion 5C					
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14		9,12	10,12
	13,16	14,14	30,32.2		X,Y	10,12
	24,24	10,12			6,7	
	16,19	10				
4PWXNR - 5843	GlobalFiler™ Express					
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	
4Q9BTN - 5845	Identifiler® Plus					
		17,19		15	11,14	
2	8,12	14,15			9,12	10,12
	13,16	14	30,32.2		X,Y	10,12
	24				6,7	8
	16,19					
4WCEG2 - 5845	PowerPlex® Fusion 6C					
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24	10,12	10,12	19,30.2	6,7	8
	16,19	10	17	17		
4Y33UA - 5843	GlobalFiler™ Express, GlobalFiler					
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	
6QTZ99 - 5843	GlobalFiler™ Express					
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	
6XMF3Z - 5843	PowerPlex® Fusion 6C					
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24	10,12	10,12	19,30.2	6,7	8,8
	16,19	10	17	17		

TABLE 1

WebCode - Test		Amplification Kits				
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

7BPNXM - 5843		PowerPlex® Fusion 5C				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24	10,12	10,12		6,7	8,8
	16,19	10				
7RYFZR - 5844		Investigator® 24plex GO!				
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24			19,30.2	6,7	8
	16,19	10				
7XMZ49 - 5843		PowerPlex® Fusion 6C				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24	10,12	10,12	19,30.2	6,7	8,8
	16,19	10	17	17		
7ZPXEZ - 5843		GlobalFiler™ Express				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	
89XR9T - 5843		PowerPlex® Fusion 6C				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24	10,12	10,12	19,30.2	6,7	8,8
	16,19	10	17	17		
8ACEKF - 5843		PowerPlex® Fusion 5C				
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24	10,12	10,12		6,7	8
	16,19	10				
8CXZD4 - 5843		PowerPlex® Fusion 5C				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24	10,12	10,12		6,7	
	16,19	10				

TABLE 1

WebCode - Test		Amplification Kits				
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

8E89HH - 5845		GlobalFiler™ Express				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	
8EPYR2 - 5845		PowerPlex® Fusion 6C				
	16,16.3	17,19	11.3,12	15,15	11,14	-
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24	10,12	10,12	19,30.2	6,7	8,8
	16,19	10	17	17	-	
8T6K79 - 5843		GlobalFiler™ Express				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	
8VPABY - 5843		GlobalFiler™ Express				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	
96VVVR - 5845		GlobalFiler™				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	
98LCC8 - 5845		GlobalFiler™, GlobalFiler Express				
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24			19,30.2	6,7	8
	16,19	10			2	
9CDJX2 - 5845		PowerPlex® Direct				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24	10,12	10,12	19,30.2	6,7	8,8
	16,19	10	17	17		

TABLE 1

WebCode - Test		Amplification Kits				
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

9GBQ96 - 5843		GlobalFiler™ Express				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	
9KMBZ4 - 5844		PowerPlex® Fusion 5C				
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24	10,12	10,12		6,7	8
	16,19	10				
9PKREJ - 5843		PowerPlex® Fusion 5C				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24	10,12	10,12		6,7	8,8
	16,19	10				
9QCD23 - 5843		GlobalFiler™ Express, GlobalFiler				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	
9RU6C8 - 5843		GlobalFiler™ Express				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	
9UXDL6 - 5844		PowerPlex® Fusion 5C				
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24	10,12	10,12		6,7	8
	16,19	10				
A6AWH7 - 5845		GlobalFiler™ Express				
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24			19,30.2	6,7	8
	16,19	10			2	

TABLE 1

WebCode - Test	Amplification Kits					
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

AK4JQJ - 5843	PowerPlex® Fusion 5C					
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24	10,12	10,12		6,7	8,8
	16,19	10				
B29B7U - 5843	PowerPlex® Fusion 6C					
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24	10,12	10,12	19,30.2	6,7	8,8
	16,19	10	17	17		
B34GH2 - 5843	GlobalFiler™ Express					
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	
BEDUGU - 5845	PowerPlex® Fusion 6C					
	16,16.3	17,19	11.3,12	15	11,14	NR
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24	10,12	10,12	19,30.2	6,7	8
	16,19	10	17	17	NR	
BNZVX4 - 5844	PowerPlex® Fusion 5C					
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24	10,12	10,12		6,7	8
	16,19	10				
C46EBL - 5844	GlobalFiler™ Express					
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24			19,30.2	6,7	8
	16,19	10			2	
C926GX - 5843	PowerPlex® 21					
	16,16.3	17,19		15,15	11,14	14,20
2	8,12	14,15		18,19	9,12	10,12
	13,16	14,14	30,32.2		X,Y	10,12
	24,24	10,12	10,12		6,7	8,8
	16,19					

TABLE 1

WebCode - Test		Amplification Kits				
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

CB6ZZZ - 5844		PowerPlex® Fusion 5C				
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24	10,12	10,12		6,7	8
	16,19	10				
CDWWPU - 5843		GlobalFiler™ Express				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	
CGUD2N - 5843		PowerPlex® Fusion 6C				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24	10,12	10,12	19,30.2	6,7	8,8
	16,19	10	17	17		
CJLAQH - 5843		PowerPlex® Fusion 5C				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24	10,12	10,12		6,7	8,8
	16,19	10				
CUKA22 - 5844		PowerPlex® Fusion 5C				
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24	10,12	10,12		6,7	8
	16,19	10				
CVC7QU - 5843		GlobalFiler™ Express				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	
CXN9U2 - 5843		GlobalFiler™ Express				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	

TABLE 1

WebCode - Test		Amplification Kits				
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

CZREEU - 5845		GlobalFiler™ IQC				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	
D4NKAC - 5843		VeriFiler Plus				
	16,16.3	17,19	11.3,12	15	11,14	14,20
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24	10,12	10,12		6,7	8
	16,19				2	
D94HXL - 5843		PowerPlex® Fusion				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24	10,12	10,12		6,7	8,8
	16,19	10				
DCHCBX - 5843		GlobalFiler™ Express				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	
DQJRYL - 5845		PowerPlex® Fusion 6C				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24	10,12	10,12	19,30.2	6,7	8,8
	16,19	10	17	17		
DZP7ML - 5844		Investigator® 24plex GO!				
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24			19,30.2	6,7	8
	16,19	10				
E38BPW - 5843		GlobalFiler™ Express				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	

TABLE 1

WebCode - Test	Amplification Kits					
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

EBH93Z - 5843	PowerPlex® Fusion 6C					
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24	10,12	10,12	19,30.2	6,7	8,8
	16,19	10	17	17		
EGT3LB - 5845	Identifiler® Plus					
		17,19		15	11,14	
2	8,12	14,15			9,12	10,12
	13,16	14	30,32.2		X,Y	10,12
	24				6,7	8
	16,19					
EPJNPN - 5843	NGM SElectExpress					
	16,16.3	17,19	11.3,12	15,15		
2		14,15	13,14	18,19		10,12
	13,16	14,14	30,32.2	15,16	X,Y	
	24,24			19,30.2	6,7	
	16,19					
F9RTLJ - 5843	GlobalFiler™					
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	
FBVX6C - 5845	GlobalFiler™					
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	
FNMRDY - 5845	GlobalFiler™, GlobalFiler Express					
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24			19,30.2	6,7	8
	16,19	10			2	
FRHJLW - 5843	GlobalFiler™ Express					
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	



TABLE 1

WebCode - Test	Amplification Kits					
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

G8FQGD - 5843		PowerPlex® Fusion 5C				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24	10,12	10,12		6,7	8,8
	16,19	10				
G93XFA - 5843		PowerPlex® Fusion				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24	10,12	10,12		6,7	8,8
	16,19	10				
GBFNKX - 5843		GlobalFiler™ Express				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	
GLD3PG - 5844		Investigator® 24plex GO!				
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24			19,30.2	6,7	8
	16,19	10				
GQLHY6 - 5843		Investigator® 24plex GO!				
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24			19,30.2	6,7	8
	16,19	10				
GTW8MN - 5843		PowerPlex® Fusion 6C				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24	10,12	10,12	19,30.2	6,7	8,8
	16,19	10	17	17		
GVY37Q - 5845		PowerPlex® Fusion 6C				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24	10,12	10,12	19,30.2	6,7	8,8
	16,19	10	17	17		

TABLE 1

WebCode - Test	Amplification Kits					
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

GXRYUK - 5843		GlobalFiler™ Express					
		16,16.3	17,19	11.3,12	15,15	11,14	
2		8,12	14,15	13,14	18,19	9,12	10,12
		13,16	14,14	30,32.2	15,16	X,Y	10,12
		24,24			19,30.2	6,7	8,8
		16,19	10			2	
H28C7E - 5843		GlobalFiler™ Express					
		16,16.3	17,19	11.3,12	15,15	11,14	
2		8,12	14,15	13,14	18,19	9,12	10,12
		13,16	14,14	30,32.2	15,16	X,Y	10,12
		24,24			19,30.2	6,7	8,8
		16,19	10			2	
H7CM3R - 5843		GlobalFiler™ Express					
		16,16.3	17,19	11.3,12	15	11,14	
2		8,12	14,15	13,14	18,19	9,12	10,12
		13,16	14	30,32.2	15,16	X,Y	10,12
		24			19,30.2	6,7	8
		16,19	10			2	
HDXH7G - 5844		Investigator® 24plex 24plex GO!					
		16,16.3	17,19	11.3,12	15	11,14	
2		8,12	14,15	13,14	18,19	9,12	10,12
		13,16	14	30,32.2	15,16	X,Y	10,12
		24			19,30.2	6,7	8
		16,19	10				
HEA6BW - 5843		GlobalFiler™ Express					
		16,16.3	17,19	11.3,12	15,15	11,14	
2		8,12	14,15	13,14	18,19	9,12	10,12
		13,16	14,14	30,32.2	15,16	X,Y	10,12
		24,24			19,30.2	6,7	8,8
		16,19	10			2	
HL7AB7 - 5845		PowerPlex® Fusion 5C					
		16,16.3	17,19	11.3,12	15	11,14	
2		8,12	14,15	13,14	18,19	9,12	10,12
		13,16	14	30,32.2	15,16	X,Y	10,12
		24	10,12	10,12		6,7	8
		16,19	10				
HLQQQ9 - 5843		GlobalFiler™					
		16,16.3	17,19	11.3,12	15,15	11,14	Not Tested
2		8,12	14,15	13,14	18,19	9,12	10,12
		13,16	14,14	30,32.2	15,16	X,Y	10,12
		24,24	Not Tested	Not Tested	19,30.2	6,7	8,8
		16,19	10	Not Tested	Not Tested	2	

TABLE 1

WebCode - Test		Amplification Kits				
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

HQ32GG - 5843		PowerPlex® Fusion 6C				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24	10,12	10,12	19,30.2	6,7	8,8
	16,19	10	17	17		
HTUX7B - 5843		PowerPlex® Fusion 5C				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24	10,12	10,12		6,7	8,8
	16,19	10				
HZRPE6 - 5844		GlobalFiler™				
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24			19,30.2	6,7	8
	16,19	10			2	
J4L3CE - 5844		Investigator® 24plex GO!				
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24			19,30.2	6,7	8
	16,19	10				
JDFCFD - 5843		Identifiler® Plus				
		17,19		15,15	11,14	
2	8,12	14,15			9,12	10,12
	13,16	14,14	30,32.2		X,Y	10,12
	24,24				6,7	8,8
	16,19					
JX2KGR - 5843		GlobalFiler™ Express				
	16,16.3		11.3,12	15	11	
2		14,15	13,14		9,12	12
		14	30,32.2	15,16	X,Y	
	24				6	
					2	
KL6M3D - 5843		VeriFiler Plus				
	16,16.3	17,19	11.3,12	15,15	11,14	20,20
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24	10,12	10,12		6,7	8,8
	16,19				2	

TABLE 1

WebCode - Test		Amplification Kits				
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

KXUJ2Q - 5843		GlobalFiler™ Express				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	
L69R3R - 5843		GlobalFiler™ Express, GlobalFiler				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	
L6AYCR - 5845		GlobalFiler™				
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24			19,30.2	6,7	8
	16,19	10			2	
LFCYKD - 5845		PowerPlex® Fusion - ESX17				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24	10,12	10,12	19,30.2	6,7	8,8
	16,19	10				
LK4LK7 - 5845		Identifiler® Plus				
		17,19		15	11,14	
2	8,12	14,15			9,12	10,12
	13,16	14	30,32.2		X,Y	10,12
	24				6,7	8
	16,19					
LV3GEU - 5843		PowerPlex® Fusion 5C				
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24	10,12	10,12		6,7	8
	16,19	10				
LWHFXJ - 5845		PowerPlex® Fusion 6C				
	16,16.3	17,19	11.3,12	15	11,14	NR
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24	10,12	10,12	19,30.2	6,7	8
	16,19	10	17	17	NR	

TABLE 1

WebCode - Test		Amplification Kits				
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

LZE6EQ - 5843		GlobalFiler™ Express				
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24			19,30.2	6,7	8
	16,19	10			2	
LZUQNT - 5843		Investigator® 24plex GO!				
		17,19	11.3,12			
2	8,12	14,15	13,14		9,12	
	13,16	14		15,16		10,12
	24			19,30.2	6,7	8
LZWD67 - 5843		GlobalFiler™ Express				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	
MD2JNR - 5843		GlobalFiler™ Express				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	
MNH7ZD - 5845		GlobalFiler™				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	
MUPATD - 5843		PowerPlex® Fusion 6C				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24	10,12	10,12	19,30.2	6,7	8,8
	16,19	10	17	17		
MVG7G8 - 5843		PowerPlex® Fusion 5C				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14		9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24	10,12	10,12		6,7	8,8
	16,19	10				

TABLE 1

WebCode - Test	Amplification Kits					
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

MXKXAK - 5845	PowerPlex® Fusion 6C					
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24	10,12	10,12	19,30.2	6,7	8,8
	16,19	10	17	17		
MZCWNJ - 5845	GlobalFiler™					
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,-
	16,19	10			2	
N4QUV7 - 5843	PowerPlex® Fusion 5C					
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24	10,12	10,12		6,7	8,8
	16,19	10				
N9M28A - 5843	VeriFiler Plus					
	16,16.3	17,19	11.3,12	15,15	11,14	20,20
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24	10,12	10,12		6,7	8,8
	16,19				2	
NB43UL - 5843	PowerPlex® Fusion 5C					
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2		X,Y	10,12
	24,24		10,12		6,7	
	16,19					
NFYWU9 - 5844	Investigator® 24plex GO!					
	16,16.3	17,19	11.3,12	15	11,14	N/A
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24	N/A	N/A	19,30.2	6,7	8
	16,19	10	N/A	N/A	N/A	
NVGPHF - 5843	PowerPlex® Fusion 6C					
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24	10,12	10,12	19,30.2	6,7	8,8
	16,19	10	17	17		

TABLE 1

WebCode - Test	Amplification Kits					
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

P3R7RZ - 5843	PowerPlex® Fusion 5C					
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24	10,12	10,12		6,7	8,8
	16,19	10				
P7QGMZ - 5843	PowerPlex® 16 HS					
				15,15	11,14	
2	8,12	14,15			9,12	10,12
	13,16		30,32.2		X,Y	10,12
	24,24	10,12	10,12		6,7	8,8
	16,19					
P93KR8 - 5845	PowerPlex® Fusion, PowerPlex® PPESX17					
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24	10,12	10,12	19,30.2	6,7	8,8
	16,19	10				
PMLANN - 5843	GlobalFiler™ Express					
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	
PN9K6L - 5843	GlobalFiler™ Express					
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	
PNB9MZ - 5845	Identifiler® Plus					
		17,19		15	11,14	
2	8,12	14,15			9,12	10,12
	13,16	14	30,32.2		X,Y	10,12
	24				6,7	8
	16,19					
PPMBQ7 - 5843	PowerPlex® Fusion, GlobalFiler™ Express					
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24	10,12	10,12	19,30.2	6,7	8,8
	16,19	10			2	

TABLE 1

WebCode - Test		Amplification Kits				
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

PTNTTL - 5843		GlobalFiler™ Express				
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24			19,30.2	6,7	8
	16,19	10			2	
PXVJWR - 5843		PowerPlex® Fusion 6C, Investigator® 24plex QS				
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24	10,12	10,12	19,30.2	6,7	8
	16,19	10	17	17		
PZ32UM - 5844		PowerPlex® Fusion 5C				
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24	10,12	10,12		6,7	8
	16,19	10				
Q3BAY2 - 5845		Identifiler® Plus				
		17,19		15	11,14	
2	8,12	14,15			9,12	10,12
	13,16	14	30,32.2		X,Y	10,12
	24				6,7	8
	16,19					
Q6BH4B - 5843		PowerPlex® Fusion				
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24	10,12	10,12		6,7	8
	16,19	10				
QH44A7 - 5844		Investigator® 24plex GO!				
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24			19,30.2	6,7	8
	16,19	10				
QJCGR9 - 5844		Investigator® 24plex GO!				
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24			19,30.2	6,7	8
	16,19	10				



TABLE 1

WebCode - Test		Amplification Kits				
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

QJVZYZ - 5843		GlobalFiler™				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	
QMYV3K - 5843		GlobalFiler™ Express				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	
QRQ3ZC - 5843		GlobalFiler™				
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24			19,30.2	6,7	8
	16,19	10			2	
QVPGM2 - 5843		PowerPlex® Fusion 5C				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14		9,12	10,12
	13,16	14,14	30,32.2		X,Y	10,12
	24,24	10,12	10,12		6,7	8,8
	16,19					
R3HBX6 - 5844		Investigator® 24plex GO!				
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24			19,30.2	6,7	8
	16,19	10				
R6A8MY - 5845		Identifiler® Plus				
		17,19		15	11,14	
2	8,12	14,15			9,12	10,12
	13,16	14	30,32.2		X,Y	10,12
	24				6,7	8
	16,19					
R8VUFL - 5845		GlobalFiler™				
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24			19,30.2	6,7	8
	16,19	10			2	

TABLE 1

WebCode - Test		Amplification Kits				
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

RAMRUK - 5843		GlobalFiler™ Express				
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24			19,30.2	6,7	8
	16,19	10			2	
RC9UCD - 5843		GlobalFiler™ IQC				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	
REZTQC - 5843		PowerPlex® Fusion 6C				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24	10,12	10,12	19,30.2	6,7	8,8
	16,19	10	17	17		
RMBUCC - 5843		PowerPlex® Fusion 6C				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24	10,12	10,12	19,30.2	6,7	8,8
	16,19	10	17	17		
T3YNZM - 5844		Investigator® 24plex GO!				
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24			19,30.2	6,7	8
	16,19	10				
T8VBVW - 5845		Identifiler® Plus				
		17,19		15	11,14	
2	8,12	14,15			9,12	10,12
	13,16	14	30,32.2		X,Y	10,12
	24				6,7	8
	16,19					
TGFKFJ - 5843		GlobalFiler™ Express				
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24			19,30.2	6,7	8
	16,19	10			2	

TABLE 1

WebCode - Test	Amplification Kits					
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

TQ9RZA - 5843	Investigator® 24plex GO					
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10				
TQ9VPE - 5845	PowerPlex® Fusion 6C					
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24	10,12	10,12	19,30.2	6,7	8,8
	16,19	10	17	17		
U2Y4PT - 5844	GlobalFiler™					
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24			19,30.2	6,7	8
	16,19	10			2	
U8QB92 - 5843	GlobalFiler™ Express					
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	
UBB3J4 - 5844	Investigator® 24plex GO!					
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24			19,30.2	6,7	8
	16,19	10				
UC4WEM - 5843	PowerPlex® Fusion 6C					
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24	10,12	10,12	19,30.2	6,7	8
	16,19	10	17	17		
UL87LC - 5845	PowerPlex® Fusion 6C					
	16,16.3	17,19	11.3,12	15	11,14	NT
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24	10,12	10,12	19,30.2	6,7	8
	16,19	10	17	17	NT	

TABLE 1

WebCode - Test		Amplification Kits				
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

ULVAHT - 5845		GlobalFiler™ Direct				
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24			19,30.2	6,7	8
	16,19	10			2	
UXJGCM - 5843		GlobalFiler™				
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24			19,30.2	6,7	8
	16,19	10			2	
UXKWJ2 - 5845		PowerPlex® CS7, Verifiler Express, SureID 27comp, Investigator HDplex				
	16,16.3	17,19	11.3,12	15,15	11,14	14,20
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24	10,12	10,12	19,30.2	6,7	8,8
	16,19				2	
VFGJLK - 5843		GlobalFiler™ Express				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	
VHP9TF - 5843		PowerPlex® Fusion 5C				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2		X,Y	10,12
	24,24				6,7	8,8
	16,19	10				
VJWNZL - 5843		GlobalFiler™				
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24			19,30.2	6,7	8
	16,19	10			2	
VRDYF9 - 5843		GlobalFiler™				
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24			19,30.2	6,7	8
	16,19	10			2	

TABLE 1

WebCode - Test		Amplification Kits				
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

VTLEME - 5845		GlobalFiler™				
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24			19,30.2	6,7	8
	16,19	10			2	
VXJV2T - 5844		PowerPlex® Fusion 6C				
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24	10,12	10,12	19,30.2	6,7	8
	16,19	10	17	17		
VXYHT3 - 5843		VeriFiler Plus				
	16,16.3	17,19	11.3,12	15,15	11,14	20,20
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24	10,12	10,12		6,7	8,8
	16,19				2	
WDR767 - 5843		GlobalFiler™				
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24			19,30.2	6,7	8
	16,19	10			2	
WEJ6J6 - 5843		GlobalFiler™ Express				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	
WLHR9J - 5845		GlobalFiler™ Express, GlobalFiler™				
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24			19,30.2	6,7	8
	16,19	10			2	
WLJPJE - 5843		GlobalFiler™ Express				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	

TABLE 1

WebCode - Test		Amplification Kits				
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

WN9UFT - 5844	PowerPlex® Fusion 6C					
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24	10,12	10,12	19,30.2	6,7	8
	16,19	10	17	17		
WWTUUK - 5845	GlobalFiler™ Express					
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24			19,30.2	6,7	8
	16,19	10			2	
X9ENMP - 5843	Investigator® 24plex GO!					
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24			19,30.2	6,7	8
	16,19	10				
XLCX44 - 5843	PowerPlex® Fusion					
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24	10,12	10,12		6,7	8
	16,19	10				
XPB9Z4 - 5843	PowerPlex® Fusion					
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24	10,12	10,12		6,7	8
	16,19	10				
XV66PU - 5843	GlobalFiler™ Express					
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	
XWW44T - 5845	Identifiler® Plus					
		17,19		15	11,14	
2	8,12	14,15			9,12	10,12
	13,16	14	30,32.2		X,Y	10,12
	24				6,7	8
	16,19					

TABLE 1

WebCode - Test		Amplification Kits				
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

XZXAFD - 5843		GlobalFiler™ Express				
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24			19,30.2	6,7	8
	16,19	10			2	
Y643A9 - 5845		PowerPlex® Fusion 6C				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24	10,12	10,12	19,30.2	6,7	8,8
	16,19	10	17	17		
YALQ42 - 5843		PowerPlex® Fusion, ESX 17				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24	10,12	10,12	19,30.2	6,7	8,8
	16,19	10				
YF8F9N - 5845		GlobalFiler™				
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24			19,30.2	6,7	8
	16,19	10			2	
YGZ948 - 5843		GlobalFiler™ Express				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	
YKKNPF - 5843		GlobalFiler™ Express, GlobalFiler				
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	
YTTTKX - 5844		Investigator® 24plex GO!				
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24			19,30.2	6,7	8
	16,19	10				

TABLE 1

WebCode - Test	Amplification Kits					
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

YVKNAR - 5845	Identifiler® Plus					
		17,19		15	11,14	
2	8,12	14,15			9,12	10,12
	13,16	14	30,32.2		X,Y	10,12
	24				6,7	8
	16,19					
Z47CGY - 5843	PowerPlex® Fusion					
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24	10,12	10,12		6,7	8
	16,19	10				
ZNDKWY - 5844	Investigator® 24plex GO!					
	16,16.3	17,19	11.3,12	15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14	30,32.2	15,16	X,Y	10,12
	24			19,30.2	6,7	8
	16,19	10				
ZUPV6F - 5843	GlobalFiler™ Express					
	16,16.3	17,19	11.3,12	15,15	11,14	
2	8,12	14,15	13,14	18,19	9,12	10,12
	13,16	14,14	30,32.2	15,16	X,Y	10,12
	24,24			19,30.2	6,7	8,8
	16,19	10			2	



TABLE 1

WebCode - Test	Amplification Kits					
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

27TDX8 - 5843	PowerPlex®					
	11,18.3	20,22		17,19	10,11	11,11
3	8,12	10,11		19,19	11,13	12,12
	12,16	13,13	28,30		X,X	10,13
	21,23	10,14	12,16		8,8	8,8
	15,16					
27VZEL - 5845	PowerPlex® Fusion 5C					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23	10,14	12,16		8	8
	15,16	NR				
2HNJUQ - 5843	GlobalFiler™ Express, GlobalFiler					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23			20,20	8,8	8,8
	15,16					
2M33B8 - 5845	PowerPlex®					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23	10,14	12,16	20,20	8,8	8,8
	15,16					
2NT2P7 - 5845	PowerPlex® Fusion 6C					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23	10,14	12,16	20	8	8
	15,16	no results	no results	no results		
32FTQL - 5844	PowerPlex® Fusion 6C					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23	10,14	12,16	20,20	8,8	8,8
	15,16					
33TPCD - 5843	GlobalFiler™ Express					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23			20,20	8,8	8,8
	15,16					

TABLE 1

WebCode - Test		Amplification Kits				
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

36F2VW - 5844		Investigator® 24plex GO!				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23			20	8	8
	15,16					
3JV2RM - 5843		Investigator® 24plex GO!				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23			20	8	8
	15,16					
3W669X - 5843		PowerPlex® Fusion, PowerPlex®ESX17				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23	10,14	12,16	20,20	8,8	8,8
	15,16					
3YPQJC - 5845		GlobalFiler™ Express				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23			20	8	8
	15,16					
434NQY - 5843		GlobalFiler™				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23			20	8	8
	15,16					
44XWUW - 5843		GlobalFiler™ Express				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23			20,20	8,8	8,8
	15,16	--			--	
4G4QL9 - 5843		GlobalFiler™ Express				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23			20,20	8,8	8,8
	15,16					

TABLE 1

WebCode - Test	Amplification Kits					
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

4NJ7WB - 5843	PowerPlex® Fusion 5C					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23	10,14	12,16		8,8	8,8
	15,16					
4PWXR - 5843	GlobalFiler™ Express					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23			20,20	8,8	8,8
	15,16					
4Q9BTN - 5845	Identifiler® Plus					
		20,22		17,19	10,11	
3	8,12	10,11			11,13	12
	12,16	13	28,30		X	10,13
	21,23				8	8
	15,16					
4WCEG2 - 5845	PowerPlex® Fusion 6C					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23	10,14	12,16	20	8	8
	15,16	no results	no results	no results		
4Y33UA - 5843	GlobalFiler™ Express, GlobalFiler					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23			20,20	8,8	8,8
	15,16					
6QTZ99 - 5843	GlobalFiler™ Express					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23			20,20	8,8	8,8
	15,16					
6XMF3Z - 5843	PowerPlex® Fusion 6C					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23	10,14	12,16	20,20	8,8	8,8
	15,16					

TABLE 1

WebCode - Test		Amplification Kits				
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

7BPNXM - 5843		PowerPlex® Fusion 5C				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23	10,14	12,16		8,8	8,8
	15,16					
7RYFZR - 5844		Investigator® 24plex GO!				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23			20	8	8
	15,16					
7XMZ49 - 5843		PowerPlex® Fusion 6C				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23	10,14	12,16	20,20	8,8	8,8
	15,16	NR	NR	NR		
7ZPXEZ - 5843		GlobalFiler™ Express				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23			20,20	8,8	8,8
	15,16					
89XR9T - 5843		PowerPlex® Fusion 6C				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23	10,14	12,16	20,20	8,8	8,8
	15,16					
8ACEKF - 5843		PowerPlex® Fusion 5C				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23	10,14	12,16		8	8
	15,16					
8CXZD4 - 5843		PowerPlex® Fusion 5C				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23	10,14	12,16		8,8	8,8
	15,16					

TABLE 1

WebCode - Test		Amplification Kits				
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

8E89HH - 5845		GlobalFiler™ Express				
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23			20,20	8,8	8,8
	15,16					
8EPYR2 - 5845		PowerPlex® Fusion 6C				
	11,18.3	20,22	11,14	17,19	10,11	-
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23	10,14	12,16	20,20	8,8	8,8
	15,16	-	--	-	-	
8T6K79 - 5843		GlobalFiler™ Express				
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23			20,20	8,8	8,8
	15,16					
8VPABY - 5843		GlobalFiler™ Express				
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23			20,20	8,8	8,8
	15,16					
96VVVR - 5845		GlobalFiler™				
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23			20,20	8,8	8,8
	15,16					
98LCC8 - 5845		GlobalFiler™, GlobalFiler Express				
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23			20	8	8
	15,16					
9CDJX2 - 5845		PowerPlex® Direct				
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23	10,14	12,16	20,20	8,8	8,8
	15,16					

TABLE 1

WebCode - Test		Amplification Kits				
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

9GBQ96 - 5843		GlobalFiler™ Express				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23			20,20	8,8	8,8
	15,16					
9KMBZ4 - 5844		PowerPlex® Fusion 5C				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23	10,14	12,16		8	8
	15,16					
9PKREJ - 5843		PowerPlex® Fusion 5C				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23	10,14	12,16		8,8	8,8
	15,16					
9QCD23 - 5843		GlobalFiler™ Express, GlobalFiler				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23			20,20	8,8	8,8
	15,16					
9RU6C8 - 5843		GlobalFiler™ Express				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23			20,20	8,8	8,8
	15,16					
9UXDL6 - 5844		PowerPlex® Fusion 5C				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23	10,14	12,16		8	8
	15,16					
A6AWH7 - 5845		GlobalFiler™ Express				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23			20	8	8
	15,16					

TABLE 1

WebCode - Test		Amplification Kits				
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

AK4JQJ - 5843		PowerPlex® Fusion 5C				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23	10,14	12,16		8,8	8,8
	15,16					
B29B7U - 5843		PowerPlex® Fusion 6C				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23	10,14	12,16	20,20	8,8	8,8
	15,16					
B34GH2 - 5843		GlobalFiler™ Express				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23			20,20	8,8	8,8
	15,16					
BEDUGU - 5845		PowerPlex® Fusion 6C				
3	11,18.3	20,22	11,14	17,19	10,11	NR
	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23	10,14	12,16	20	8	8
	15,16	NR	NR	NR	NR	
BNZVX4 - 5844		PowerPlex® Fusion 5C				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23	10,14	12,16		8	8
	15,16					
C46EBL - 5844		GlobalFiler™ Express				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23			20	8	8
	15,16					
C926GX - 5843		PowerPlex® 21				
3	11,18.3	20,22		17,19	10,11	11,11
	8,12	10,11		19,19	11,13	12,12
	12,16	13,13	28,30		X,X	10,13
	21,23	10,14	12,16		8,8	8,8
	15,16					

TABLE 1

WebCode - Test		Amplification Kits				
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

CB6ZZZ - 5844		PowerPlex® Fusion 5C				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23	10,14	12,16		8	8
	15,16					
CDWWPU - 5843		GlobalFiler™ Express				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23			20,20	8,8	8,8
	15,16					
CGUD2N - 5843		PowerPlex® Fusion 6C				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23	10,14	12,16	20,20	8,8	8,8
	15,16					
CJLAQH - 5843		PowerPlex® Fusion 5C				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23	10,14	12,16		8,8	8,8
	15,16					
CUKA22 - 5844		PowerPlex® Fusion 5C				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23	10,14	12,16		8	8
	15,16					
CVC7QU - 5843		GlobalFiler™ Express				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23			20,20	8,8	8,8
	15,16					
CXN9U2 - 5843		GlobalFiler™ Express				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23			20,20	8,8	8,8
	15,16					



TABLE 1

WebCode - Test	Amplification Kits					
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

CZREEU - 5845		GlobalFiler™ IQC					
		11,18.3	20,22	11,14	17,19	10,11	
3		8,12	10,11	15,15	19,19	11,13	12,12
		12,16	13,13	28,30	15,16	X,X	10,13
		21,23			20,20	8,8	8,8
		15,16					
D4NKAC - 5843		VeriFiler Plus					
		11,18.3	20,22	11,14	17,19	10,11	11
3		8,12	10,11	15	19	11,13	12
		12,16	13	28,30	15,16	X	10,13
		21,23	10,14	12,16		8	8
		15,16					
D94HXL - 5843		PowerPlex® Fusion					
		11,18.3	20,22	11,14	17,19	10,11	
3		8,12	10,11	15,15	19,19	11,13	12,12
		12,16	13,13	28,30	15,16	X,X	10,13
		21,23	10,14	12,16		8,8	8,8
		15,16					
DCHCBX - 5843		GlobalFiler™ Express					
		11,18.3	20,22	11,14	17,19	10,11	
3		8,12	10,11	15,15	19,19	11,13	12,12
		12,16	13,13	28,30	15,16	X,X	10,13
		21,23			20,20	8,8	8,8
		15,16					
DQJRYL - 5845		PowerPlex® Fusion 6C					
		11,18.3	20,22	11,14	17,19	10,11	
3		8,12	10,11	15,15	19,19	11,13	12,12
		12,16	13,13	28,30	15,16	X,X	10,13
		21,23	10,14	12,16	20,20	8,8	8,8
		15,16					
DZP7ML - 5844		Investigator® 24plex GO!					
		11,18.3	20,22	11,14	17,19	10,11	
3		8,12	10,11	15	19	11,13	12
		12,16	13	28,30	15,16	X	10,13
		21,23			20	8	8
		15,16					
E38BPW - 5843		GlobalFiler™ Express					
		11,18.3	20,22	11,14	17,19	10,11	
3		8,12	10,11	15,15	19,19	11,13	12,12
		12,16	13,13	28,30	15,16	X,X	10,13
		21,23			20,20	8,8	8,8
		15,16					

TABLE 1

WebCode - Test		Amplification Kits				
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

EBH93Z - 5843		PowerPlex® Fusion 6C				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23	10,14	12,16	20,20	8,8	8,8
	15,16	NR	NR	NR		
EGT3LB - 5845		Identifiler® Plus				
3		20,22		17,19	10,11	
	8,12	10,11			11,13	12
	12,16	13	28,30		X	10,13
	21,23				8	8
	15,16					
EPJNPN - 5843		NGM SElectExpress				
3	11,18.3	20,22	11,14	17,19		
	8,12	10,11	15,15	19,19		12,12
	12,16	13,13	28,30	15,16	X,X	
	21,23			20,20	8,8	
	15,16					
F9RTLJ - 5843		GlobalFiler™ Express				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23			20,20	8,8	8,8
	15,16	--			--	
FBVX6C - 5845		GlobalFiler™				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23			20,20	8,8	8,8
	15,16					
FNMRDY - 5845		GlobalFiler™, GlobalFiler Express				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23			20	8	8
	15,16					
FRHJLW - 5843		GlobalFiler™ Express				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23			20,20	8,8	8,8
	15,16					

TABLE 1

WebCode - Test	Amplification Kits					
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

G8FQGD - 5843	PowerPlex® Fusion 5C					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23	10,14	12,16		8,8	8,8
	15,16					
G93XFA - 5843	PowerPlex® Fusion					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23	10,14	12,16		8,8	8,8
	15,16	---				
GBFNKX - 5843	GlobalFiler™ Express					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23			20,20	8,8	8,8
	15,16					
GLD3PG - 5844	Investigator® 24plex GO!					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23			20	8	8
	15,16					
GQLHY6 - 5843	Investigator® 24plex GO!					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23			20	8	8
	15,16					
GTW8MN - 5843	PowerPlex® Fusion 6C					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23	10,14	12,16	20,20	8,8	8,8
	15,16					
GVY37Q - 5845	PowerPlex® Fusion 6C					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23	10,14	12,16	20,20	8,8	8,8
	15,16					

TABLE 1

WebCode - Test	Amplification Kits					
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

GXRYUK - 5843		GlobalFiler™ Express					
		11,18.3	20,22	11,14	17,19	10,11	
3		8,12	10,11	15,15	19,19	11,13	12,12
		12,16	13,13	28,30	15,16	X,X	10,13
		21,23			20,20	8,8	8,8
		15,16					
H28C7E - 5843		GlobalFiler™ Express					
		11,18.3	20,22	11,14	17,19	10,11	
3		8,12	10,11	15,15	19,19	11,13	12,12
		12,16	13,13	28,30	15,16	X,X	10,13
		21,23			20,20	8,8	8,8
		15,16					
H7CM3R - 5843		GlobalFiler™ Express					
		11,18.3	20,22	11,14	17,19	10,11	
3		8,12	10,11	15	19	11,13	12
		12,16	13	28,30	15,16	X	10,13
		21,23			20	8	8
		15,16					
HDXH7G - 5844		Investigator® 24plex 24plex GO!					
		11,18.3	20,22	11,14	17,19	10,11	
3		8,12	10,11	15	19	11,13	12
		12,16	13	28,30	15,16	X	10,13
		21,23			20	8	8
		15,16					
HEA6BW - 5843		GlobalFiler™ Express					
		11,18.3	20,22	11,14	17,19	10,11	
3		8,12	10,11	15,15	19,19	11,13	12,12
		12,16	13,13	28,30	15,16	X,X	10,13
		21,23			20,20	8,8	8,8
		15,16					
HL7AB7 - 5845		PowerPlex® Fusion 5C					
		11,18.3	20,22	11,14	17,19	10,11	
3		8,12	10,11	15	19	11,13	12
		12,16	13	28,30	15,16	X	10,13
		21,23	10,14	12,16		8	8
		15,16					
HLQQQ9 - 5843		GlobalFiler™					
		11,18.3	20,22	11,14	17,19	10,11	Not Tested
3		8,12	10,11	15,15	19,19	11,13	12,12
		12,16	13,13	28,30	15,16	X,X	10,13
		21,23	Not Tested	Not Tested	20,20	8,8	8,8
		15,16	No Results	Not Tested	Not Tested	No Results	

TABLE 1

WebCode - Test		Amplification Kits				
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

HQ32GG - 5843		PowerPlex® Fusion 6C				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23	10,14	12,16	20,20	8,8	8,8
	15,16					
HTUX7B - 5843		PowerPlex® Fusion 5C				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23	10,14	12,16		8,8	8,8
	15,16					
HZRPE6 - 5844		GlobalFiler™				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23			20	8	8
	15,16					
J4L3CE - 5844		Investigator® 24plex GO!				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23			20	8	8
	15,16					
JDFCFD - 5843		Identifiler® Plus				
3		20,22		17,19	10,11	
	8,12	10,11			11,13	12,12
	12,16	13,13	28,30		X,X	10,13
	21,23				8,8	8,8
	15,16					
JX2KGR - 5843		GlobalFiler™ Express				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23			20	8	8
	15,16					
KL6M3D - 5843		VeriFiler Plus				
3	11,18.3	20,22	11,14	17,19	10,11	11,11
	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23	10,14	12,16		8,8	8,8
	15,16					

TABLE 1

WebCode - Test	Amplification Kits					
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

KXUJ2Q - 5843		GlobalFiler™ Express					
		11,18.3	20,22	11,14	17,19	10,11	
3		8,12	10,11	15,15	19,19	11,13	12,12
		12,16	13,13	28,30	15,16	X,X	10,13
		21,23			20,20	8,8	8,8
		15,16					
L69R3R - 5843		GlobalFiler™ Express, GlobalFiler					
		11,18.3	20,22	11,14	17,19	10,11	
3		8,12	10,11	15,15	19,19	11,13	12,12
		12,16	13,13	28,30	15,16	X,X	10,13
		21,23			20,20	8,8	8,8
		15,16					
L6AYCR - 5845		GlobalFiler™					
		11,18.3	20,22	11,14	17,19	10,11	
3		8,12	10,11	15	19	11,13	12
		12,16	13	28,30	15,16	X	10,13
		21,23			20	8	8
		15,16					
LFCYKD - 5845		PowerPlex® Fusion - ESX17					
		11,18.3	20,22	11,14	17,19	10,11	
3		8,12	10,11	15,15	19,19	11,13	12,12
		12,16	13,13	28,30	15,16	X,X	10,13
		21,23	10,14	12,16	20,20	8,8	8,8
		15,16					
LK4LK7 - 5845		Identifiler® Plus					
			20,22		17,19	10,11	
3		8,12	10,11			11,13	12
		12,16	13	28,30		X	10,13
		21,23				8	8
		15,16					
LV3GEU - 5843		PowerPlex® Fusion 5C					
		11,18.3	20,22	11,14	17,19	10,11	
3		8,12	10,11	15	19	11,13	12
		12,16	13	28,30	15,16	X	10,13
		21,23	10,14	12,16		8	8
		15,16					
LWHFXJ - 5845		PowerPlex® Fusion 6C					
		11,18.3	20,22	11,14	17,19	10,11	NR
3		8,12	10,11	15	19	11,13	12
		12,16	13	28,30	15,16	X	10,13
		21,23	10,14	12,16	20	8	8
		15,16	NR	NR	NR	NR	

TABLE 1

WebCode - Test	Amplification Kits					
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

LZE6EQ - 5843	GlobalFiler™ Express					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23			20	8	8
	15,16					
LZUQNT - 5843	Investigator® 24plex GO!					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23			20	8	8
	15,16					
LZWD67 - 5843	GlobalFiler™ Express					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	XX	10,13
	21,23			20,20	8,8	8,8
	15,16					
MD2JNR - 5843	GlobalFiler™ Express					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	XX	10,13
	21,23			20,20	8,8	8,8
	15,16					
MNH7ZD - 5845	GlobalFiler™					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	XX	10,13
	21,23			20,20	8,8	8,8
	15,16					
MUPATD - 5843	PowerPlex® Fusion 6C					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	XX	10,13
	21,23	10,14	12,16	20,20	8,8	8,8
	15,16					
MVG7G8 - 5843	PowerPlex® Fusion 5C					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	XX	10,13
	21,23	10,14	12,16		8,8	8,8
	15,16					

TABLE 1

WebCode - Test	Amplification Kits					
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

MXKXAK - 5845	PowerPlex® Fusion 6C					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23	10,14	12,16	20,20	8,8	8,8
	15,16					
MZCWNJ - 5845	GlobalFiler™					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23			20,20	8,8	8,-
	15,16					
N4QUV7 - 5843	PowerPlex® Fusion 5C					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23	10,14	12,16		8,8	8,8
	15,16					
N9M28A - 5843	VeriFiler Plus					
	11,18.3	20,22	11,14	17,19	10,11	11,11
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23	10,14	12,16		8,8	8,8
	15,16					
NB43UL - 5843	PowerPlex® Fusion 5C					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23	10,14	12,16		8,8	8,8
	15,16					
NFYWU9 - 5844	Investigator® 24plex GO!					
	11,18.3	20,22	11,14	17,19	10,11	N/A
3	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23	N/A	N/A	20	8	8
	15,16	N/A	N/A	N/A	N/A	
NVGPHF - 5843	PowerPlex® Fusion 6C					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23	10,14	12,16	20,20	8,8	8,8
	15,16					



TABLE 1

WebCode - Test	Amplification Kits					
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

P3R7RZ - 5843	PowerPlex® Fusion 5C					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23	10,14	12,16		8,8	8,8
	15,16					
P7QGMZ - 5843	PowerPlex® Fusion					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30		X,X	10,13
	21,23	10,14	12,16		8,8	8,8
	15,16					
P93KR8 - 5845	PowerPlex® Fusion, PowerPlex® ESX17					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23	10,14	12,16	20,20	8,8	8,8
	15,16					
PMLANN - 5843	GlobalFiler™ Express					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23			20,20	8,8	8,8
	15,16					
PN9K6L - 5843	GlobalFiler™ Express					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23			20,20	8,8	8,8
	15,16					
PNB9MZ - 5845	Identifiler® Plus					
		20,22		17,19	10,11	
3	8,12	10,11			11,13	12
	12,16	13	28,30		X	10,13
	21,23				8	8
	15,16					
PPMBQ7 - 5843	PowerPlex® Fusion, GlobalFiler™ Express					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23	10,14	12,16	20,20	8,8	8,8
	15,16					

TABLE 1

WebCode - Test		Amplification Kits				
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

PTNTTL - 5843		GlobalFiler™ Express				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23			20	8	8
	15,16					
PXVJWR - 5843		PowerPlex® Fusion 6C, Investigator® 24plex QS				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23	10,14	12,16	20	8	8
	15,16					
PZ32UM - 5844		PowerPlex® Fusion 5C				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23	10,14	12,16		8	8
	15,16					
Q3BAY2 - 5845		Identifiler® Plus				
3		20,22		17,19	10,11	
	8,12	10,11			11,13	12
	12,16	13	28,30		X	10,13
	21,23				8	8
	15,16					
Q6BH4B - 5843		PowerPlex® Fusion				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23	10,14	12,16		8	8
	15,16					
QH44A7 - 5844		Investigator® 24plex GO!				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23			20	8	8
	15,16					
QJCGR9 - 5844		Investigator® 24plex GO!				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23			20	8	8
	15,16					

TABLE 1

WebCode - Test		Amplification Kits				
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

QJVZYZ - 5843		GlobalFiler™				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23			20,20	8,8	8,8
	15,16					
QMYV3K - 5843		GlobalFiler™ Express				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23			20,20	8,8	8,8
	15,16					
QRQ3ZC - 5843		GlobalFiler™				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X,X	10,13
	21,23			20	8	8
	15,16					
QVPGM2 - 5843		PowerPlex® Fusion 5C				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23	10,14	12,16		8,8	8,8
	15,16					
R3HBX6 - 5844		Investigator® 24plex GO!				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23			20	8	8
	15,16					
R6A8MY - 5845		Identifiler® Plus				
3		20,22		17,19	10,11	
	8,12	10,11			11,13	12
	12,16	13	28,30		X	10,13
	21,23				8	8
	15,16					
R8VUFL - 5845		GlobalFiler™				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23			20	8	8
	15,16					

TABLE 1

WebCode - Test	Amplification Kits					
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

RAMRUK - 5843	GlobalFiler™ Express					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23			20	8	8
	15,16					
RC9UCD - 5843	GlobalFiler™ IQC					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23			20,20	8,8	8,8
	15,16	-			-	
REZTQC - 5843	PowerPlex® Fusion 6C					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23	10,14	12,16	20,20	8,8	8,8
	15,16					
RMBUCC - 5843	PowerPlex® Fusion 6C					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23	10,14	12,16	20,20	8,8	8,8
	15,16					
T3YNZM - 5844	Investigator® 24plex GO!					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23			20	8	8
	15,16					
T8VBVW - 5845	Identifiler® Plus					
		20,22		17,19	10,11	
3	8,12	10,11			11,13	12
	12,16	13	28,30		X	10,13
	21,23				8	8
	15,16					
TGFKFJ - 5843	GlobalFiler™ Express					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23			20	8	8
	15,16					

TABLE 1

WebCode - Test	Amplification Kits					
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

TQ9RZA - 5843	Investigator® 24plex GO					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23			20,20	8,8	8,8
	15,16					
TQ9VPE - 5845	PowerPlex® Fusion 6C					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23	10,14	12,16	20,20	8,8	8,8
	15,16					
U2Y4PT - 5844	GlobalFiler™					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23			20	8	8
	15,16					
U8QB92 - 5843	GlobalFiler™ Express					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23			20,20	8,8	8,8
	15,16					
UBB3J4 - 5844	Investigator® 24plex GO!					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23			20	8	8
	15,16					
UC4WEM - 5843	PowerPlex® Fusion 6C					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23	10,14	12,16	20	8	8
	15,16					
UL87LC - 5845	PowerPlex® Fusion 6C					
	11,18.3	20,22	11,14	17,19	10,11	NT
3	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23	10,14	12,16	20	8	8
	15,16	NR	NR	NR	NT	

TABLE 1

WebCode - Test		Amplification Kits				
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

ULVAHT - 5845		GlobalFiler™ Direct				
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23			20	8	8
	15,16	NR			NR	
UXJGCM - 5843		GlobalFiler™				
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23			20	8	8
	15,16					
UXKWJ2 - 5845		PowerPlex® CS7, Verifiler Express, SureID 27comp, Investigator HDplex				
	11,18.3	20,22	11,14	17,19	10,11	11,11
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	XX	10,13
	21,23	10,14	12,16	20,20	8,8	8,8
	15,16					
VFGJLK - 5843		GlobalFiler™ Express				
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	XX	10,13
	21,23			20,20	8,8	8,8
	15,16					
VHP9TF - 5843		PowerPlex® Fusion 5C				
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	XX	10,13
	21,23	10,14	12,16		8,8	8,8
	15,16					
VJWNZL - 5843		GlobalFiler™				
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23			20	8	8
	15,16					
VRDYF9 - 5843		GlobalFiler™				
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23			20	8	8
	15,16					

TABLE 1

WebCode - Test	Amplification Kits					
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

VTLEME - 5845	GlobalFiler™ Express					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23			20	8	8
	15,16					
VXJV2T - 5844	PowerPlex® Fusion 6C					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23	10,14	12,16	20	8	8
	15,16	NR	NR	NR		
VXYHT3 - 5843	VeriFiler Plus					
	11,18.3	20,22	11,14	17,19	10,11	11,11
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	XX	10,13
	21,23	10,14	12,16		8,8	8,8
	15,16					
WDR767 - 5843	GlobalFiler™					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23			20	8	8
	15,16					
WEJ6J6 - 5843	GlobalFiler™ Express					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	XX	10,13
	21,23			20,20	8,8	8,8
	15,16	--			--	
WLHR9J - 5845	GlobalFiler™ Express, GlobalFiler™					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23			20	8	8
	15,16					
WLJPJE - 5843	GlobalFiler™ Express					
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	XX	10,13
	21,23			20,20	8,8	8,8
	15,16					

TABLE 1

WebCode - Test		Amplification Kits				
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

WN9UFT - 5844		PowerPlex® Fusion 6C				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23	10,14	12,16	20	8	8
	15,16	NR	NR	NR		
WWTUUK - 5845		GlobalFiler™ Express				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23			20	8	8
	15,16					
X9ENMP - 5843		Investigator® 24plex GO!				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23			20	8	8
	15,16					
XLCX44 - 5843		PowerPlex® Fusion				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23	10,14	12,16		8	8
	15,16					
XPB9Z4 - 5843		PowerPlex® Fusion				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23	10,14	12,16		8	8
	15,16					
XV66PU - 5843		GlobalFiler™ Express				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	XX	10,13
	21,23			20,20	8,8	8,8
	15,16					
XWW44T - 5845		Identifiler® Plus				
3		20,22		17,19	10,11	
	8,12	10,11			11,13	12
	12,16	13	28,30		X	10,13
	21,23				8	8
	15,16					



TABLE 1

WebCode - Test		Amplification Kits				
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

XZXAFD - 5843		GlobalFiler™ Express				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23			20	8	8
	15,16					
Y643A9 - 5845		PowerPlex® Fusion 6C				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23	10,14	12,16	20,20	8,8	8,8
	15,16					
YALQ42 - 5843		PowerPlex® Fusion, ESX 17				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23	10,14	12,16	20,20	8,8	8,8
	15,16	No Amplificación				
YF8F9N - 5845		GlobalFiler™				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23			20,*	8	8
	15,16	NR			NR	
YGZ948 - 5843		GlobalFiler™ Express				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23			20,20	8,8	8,8
	15,16					
YKKNPF - 5843		GlobalFiler™ Express, GlobalFiler				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	X,X	10,13
	21,23			20,20	8,8	8,8
	15,16					
YTTTKX - 5844		Investigator® 24plex GO!				
3	11,18.3	20,22	11,14	17,19	10,11	
	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23			20	8	8
	15,16					

TABLE 1

WebCode - Test	Amplification Kits					
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

YVKNAR - 5845		Identifiler® Plus				
		20,22		17,19	10,11	
3	8,12	10,11			11,13	12
	12,16	13	28,30		X	10,13
	21,23				8	8
	15,16					
Z47CGY - 5843		PowerPlex® Fusion				
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23	10,14	12,16		8	8
	15,16					
ZNDKWY - 5844		Investigator® 24plex GO!				
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15	19	11,13	12
	12,16	13	28,30	15,16	X	10,13
	21,23			20	8	8
	15,16					
ZUPV6F - 5843		GlobalFiler™ Express				
	11,18.3	20,22	11,14	17,19	10,11	
3	8,12	10,11	15,15	19,19	11,13	12,12
	12,16	13,13	28,30	15,16	XX	10,13
	21,23			20,20	8,8	8,8
	15,16					

# 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

2M33B8 - 5845		Yfiler®							
1	38,39	16	11,16	13	30	25	11	11	13
	14	11	10	20	31	15	15	11	23
	40	12		21	18	16	25		13
2NT2P7 - 5845		PowerPlex® Y 23							
1		16	11,16	13	30	25	11	11	13
	14	11	10	20		15	15		23
		12	13	21	18		25	10	13
33TPCD - 5843		Yfiler®							
1		16	11,16	13	30	25	11	11	13
	14	11	10	20		15	15		23
							25		13
3W669X - 5843		PowerPlex® Y 23							
1		16	11,16	13	30	25	11	11	13
	14	11	10	20		15	15		23
		12	13	21	18		25	10	13
4PWXHR - 5843		Yfiler®							
1		16	11,16	13	30	25	11	11	13
	14	11	10	20		15	15		23
							25		13
4WCEG2 - 5845		PowerPlex® Y 23							
1		16	11,16	13	30	25	11	11	13
	14	11	10	20		15	15		23
		12	13	21	18		25	10	13
6XMF3Z - 5843		PowerPlex® Y 23							
1		16	11,16	13	30	25	11	11	13
	14	11	10	20		15	15		23
		12	13	21	18		25	10	13
8EPYR2 - 5845		Yfiler® Plus							
1	38,39	16	11,16	13	30	25	11	11	13
	14	11	10	20	31	15	15	11	23
	40	12	-	21	18	16	25	-	13
96VVVR - 5845		Yfiler® Plus							
1	38,39	16	11,16	13	30	25	11	11	13
	14	11	10	20	31	15	15	11	23
	40	12		21	18	16	25		13
9CDJX2 - 5845		Yfiler® Plus							
1	38,39	16	11,16	13	30	25	11	11	13
	14	11	10	20	31	15	15	11	23
	40	12		21	18	16	25		13
9KMBZ4 - 5844		PowerPlex® Y 23							
1		16	11,16	13	30	25	11	11	13
	14	11	10	20		15	15		23
		12	13	21	18		25	10	13

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
<b>Item 1 - YSTR Results</b>									
9UXDL6 - 5844	PowerPlex® Y 23								
1	16	11,16	13	30	25	11	11	13	
	14	10	20		15	15		23	
	12	13	21	18		25	10	13	
C46EBL - 5844	Yfiler® Plus								
1	38,39	16	11,16	13	30	25	11	11	13
	14	11	10	20	31	15	15	11	23
	40	12		21	18	16	25		13
CB6ZZZ - 5844	PowerPlex® Y 23								
1	16	11,16	13	30	25	11	11	13	
	14	10	20		15	15		23	
	12	13	21	18		25	10	13	
CZREEU - 5845	Yfiler® Plus								
1	38,39	16	11,16	13	30	25	11	11	13
	14	11	10	20	31	15	15	11	23
	40	12		21	18	16	25		13
DQJRYL - 5845	PowerPlex® Y 23								
1	16	11,16	13	30	25	11	11	13	
	14	10	20		15	15		23	
	12	13	21	18		25	10	13	
E38BPW - 5843	Yfiler®								
1	16	11,16	13	30	25	11	11	13	
	14	10	20		15	15			
						25		13	
G93XFA - 5843	PowerPlex® Y 23								
1	16	11,16	13	30	25	11	11	13	
	14	10	20		15	15		23	
	12	13	21	18		25	10	13	
JDFCFD - 5843	PowerPlex® Y 23								
1	16	11,16	13	30	25	11	11	13	
	14	10	20		15	15		23	
	12	13	21	18		25	10	13	
LFCYKD - 5845	PowerPlex® Y 23								
1	16	11,16	13	30	25	11	11	13	
	14	10	20		15	15		23	
	12	13	21	18		25	10	13	
LZWD67 - 5843	Yfiler®								
1	16	11,16	13	30	25	11	11	13	
	14	10	20		15	15			
						25		13	
MNH7ZD - 5845	Yfiler®								
1	38,39	16	11,16	13	30	25	11	11	13
	14	11	10	20	31	15	15	11	23
	40	12		21	18	16	25		13
P7QGMZ - 5843	PowerPlex® Y 23								
1	16	11,16	13	30	25	11	11	13	
	14	10	20		15	15		23	
	12	13	21	18		25	10	13	

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

P93KR8 - 5845		PowerPlex® Y 23								
1		16	11,16	13	30	25	11	11	13	
	14	11	10	20		15	15		23	
		12	13	21	18		25	10	13	
PMLANN - 5843		Yfiler®								
1		16	11,16	13	30	25	11	11	13	
	14	11	10	20		15	15		23	
							25		13	
PPMBQ7 - 5843		Yfiler® Plus, PowerPlex® Y 23								
1	38,39	16	11,16	13	30	25	11	11	13	
	14	11	10	20	31	15	15	11	23	
	40	12	13	21	18	16	25	10	13	
QJVZYZ - 5843		PowerPlex® Y 23								
1		16	11,16	13	30	25	11	11	13	
	14	11	10	20		15	15		23	
		12	13	21	18		25	10	13	
QMVY3K - 5843		Yfiler®								
1		16	11,16	13	30	25	11	11	13	
	14	11	10	20		15	15		23	
							25		13	
RC9UCD - 5843		Yfiler® Plus								
1	38,39	16	11,16	13	30	25	11	11	13	
	14	11	10	20	31	15	15	11	23	
	40	12		21	18	16	25		13	
TQ9RZA - 5843		Yfiler® Plus								
1	38,39	16	11,16	13	30	25	11	11	13	
	14	11	10	20	31	15	15	11	23	
	40	12		21	18	16	25		13	
WN9UFT - 5844		Yfiler® Plus								
1	38,39	16	11,16	13	30	25	11	11	13	
	14	11	10	20	31	15	15	11	23	
	40	12		21	18	16	25		13	
YALQ42 - 5843		PowerPlex® Y 23								
1		16	11,16	13	30	25	11	11	13	
	14	11	10	20		15	15		23	
		12	13	21	18		25	10	13	
YKKNPF - 5843		Yfiler®								
1		16	11,16	13	30	25	11	11	13	
	14	11	10	20		15	15		23	
							25		13	

TABLE 2

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

Item 2 - YSTR Results

2M33B8 - 5845		Yfiler®							
2	35,38	13	10,15	13	30	24	10	14	13
	14	11	13	19	31	15	15	10	27
	40	11		17	17	20	22		11
2NT2P7 - 5845		PowerPlex® Y 23							
2		13	10,15	13	30	24	10	14	13
	14	11	13	19		15	15		27
		11	12	17	17		22	10	11
33TPCD - 5843		Yfiler®							
2		13	10,15	13	30	24	10	14	13
	14	11	13	19		15	15		
							22		11
3W669X - 5843		PowerPlex® Y 23							
2		13	10,15	13	30	24	10	14	13
	14	11	13	19		15	15		27
		11	12	17	17		22	10	11
4PWXR - 5843		Yfiler®							
2		13	10,15	13	30	24	10	14	13
	14	11	13	19		15	15		
							22		11
4WCEG2 - 5845		PowerPlex® Y 23							
2		13	10,15	13	30	24	10	14	13
	14	11	13	19		15	15		27
		11	12	17	17		22	10	11
6XMF3Z - 5843		PowerPlex® Y 23							
2		13	10,15	13	30	24	10	14	13
	14	11	13	19		15	15		27
		11	12	17	17		22	10	11
8EPYR2 - 5845		Yfiler® Plus							
2	35,38	13	10,15	13	30	24	10	14	13
	14	11	13	19	31	15	15	10	27
	40	11	-	17	17	20	22	-	11
96VVVR - 5845		Yfiler® Plus							
2	35,38	13	10,15	13	30	24	10	14	13
	14	11	13	19	31	15	15	10	27
	40	11		17	17	20	22		11
9CDJX2 - 5845		Yfiler® Plus							
2	35,38	13	10,15	13	30	24	10	14	13
	14	11	13	19	31	15	15	10	27
	40	11		17	17	20	22		11
9KMBZ4 - 5844		PowerPlex® Y 23							
2		13	10,15	13	30	24	10	14	13
	14	11	13	19		15	15		27
		11	12	17	17		22	10	11
9UXDL6 - 5844		PowerPlex® Y 23							
2		13	10,15	13	30	24	10	14	13
	14	11	13	19		15	15		27
		11	12	17	17		22	10	11

TABLE 2

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

Item 2 - YSTR Results

C46EBL - 5844		Yfiler® Plus							
2	35,38	13	10,15	13	30	24	10	14	13
	14	11	13	19	31	15	15	10	27
	40	11		17	17	20	22		11
CB6ZZZ - 5844		PowerPlex® Y 23							
2		13	10,15	13	30	24	10	14	13
	14	11	13	19		15	15		27
		11	12	17	17		22	10	11
CZREEU - 5845		Yfiler® Plus							
2	35,38	13	10,15	13	30	24	10	14	13
	14	11	13	19	31	15	15	10	27
	40	11		17	17	20	22		11
DQJRYL - 5845		PowerPlex® Y 23							
2		13	10,15	13	30	24	10	14	13
	14	11	13	19		15	15		27
		11	12	17	17		22	10	11
E38BPW - 5843		Yfiler®							
2		13	10,15	13	30	24	10	14	13
	14	11	13	19		15	15		
							22		11
G93XFA - 5843		PowerPlex® Y							
2		13	10,15	13	30	24	10	14	13
	14	11	13	19		15	15		27
		11	12	17	17		22	10	11
JDFCFD - 5843		PowerPlex® Y 23							
2		13	10,15	13	30	24	10	14	13
	14	11	13	19		15	15		27
		11	12	17	17		22	10	11
LFCYKD - 5845		PowerPlex® Y 23							
2		13	10,15	13	30	24	10	14	13
	14	11	13	19		15	15		27
		11	12	17	17		22	10	11
LZWD67 - 5843		Yfiler®							
2		13	10,15	13	30	24	10	14	13
	14	11	13	19		15	15		
							22		11
MNH7ZD - 5845		Yfiler®							
2	35,38	13	10,15	13	30	24	10	14	13
	14	11	13	19	31	15	15	10	27
	40	11		17	17	20	22		11
P7QGMZ - 5843		PowerPlex® Y 23							
2		13	10,15	13	30	24	10	14	13
	14	11	13	19		15	15		27
		11	12	17	17		22	10	11
P93KR8 - 5845		PowerPlex® Y 23							
2		13	10,15	13	30	24	10	14	13
	14	11	13	19		15	15		27
		11	12	17	17		22	10	11

TABLE 2

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

Item 2 - YSTR Results

PMLANN - 5843		Yfiler®							
2		13	10,15	13	30	24	10	14	13
	14	11	13	19		15	15		
							22		11
PPMBQ7 - 5843		Yfiler® Plus, PowerPlex® Y 23							
2	35,38	13	10,15	13	30	24	10	14	13
	14	11	13	19	31	15	15	10	27
	40	11	12	17	17	20	22	10	11
QJVZYZ - 5843		PowerPlex® Y 23							
2		13	10,15	13	30	24	10	14	13
	14	11	13	19		15	15		27
		11	12	17	17		22	10	11
QMVY3K - 5843		Yfiler®							
2		13	10,15	13	30	24	10	14	13
	14	11	13	19		15	15		
							22		11
RC9UCD - 5843		Yfiler® Plus							
2	35,38	13	10,15	13	30	24	10	14	13
	14	11	13	19	31	15	15	10	27
	40	11		17	17	20	22		11
TQ9RZA - 5843		Yfiler® Plus							
2	35,38	13	10,15	13	30	24	10	14	13
	14	11	13	19	31	15	15	10	27
	40	11		17	17	20	22		11
WN9UFT - 5844		Yfiler® Plus							
2	35,38	13	10,15	13	30	24	10	14	13
	14	11	13	19	31	15	15	10	27
	40	11		17	17	20	22		11
YALQ42 - 5843		PowerPlex® Y 23							
2		13	10,15	13	30	24	10	14	13
	14	11	13	19		15	15		27
		11	12	17	17		22	10	11
YKKNPF - 5843		Yfiler®							
2		13	10,15	13	30	24	10	14	13
	14	11	13	19		15	15		
							22		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.

<b>Locus</b>	<b>WebCode - Test</b>	<b>Item 1</b>	<b>Item 2</b>	<b>Item 3</b>
D10S1435	UXKWJ2 - 5845	12,14		12,13
D10S2325	UXKWJ2 - 5845	8,10	10,12	12,13
D11S2368	UXKWJ2 - 5845	20,21	21,24	19,20
D13S325	UXKWJ2 - 5845	20,20	21,23	20,21
D14S1434	UXKWJ2 - 5845	13,13		14,14
D15S659	UXKWJ2 - 5845	13,17		12,17
D17S1301	UXKWJ2 - 5845	11,13	11,13	12,13
D18S1364	UXKWJ2 - 5845	13,17	14,18	14,16
D19S253	UXKWJ2 - 5845	12,12		8,10
D20S482	UXKWJ2 - 5845	14,14	13,14	13,14
D21S2055	UXKWJ2 - 5845	18.1,33	25,30	30,31
D22GATA198B05	UXKWJ2 - 5845	17,20	19,22	21,21
D2S1360	UXKWJ2 - 5845	24,26	22,25	20,23
D3S1744	UXKWJ2 - 5845	16,18	17,17	17,19
D3S3045	UXKWJ2 - 5845	9,14	9,15	9,13
D4S2366	UXKWJ2 - 5845	9,14	12,13	13,14
D5S2500	UXKWJ2 - 5845	11,16	10,11	14,14
D5S2800	UXKWJ2 - 5845	18,23	17,18	23,23
D6S474	UXKWJ2 - 5845	13,14		13,13
D6S477	UXKWJ2 - 5845	10.2,15		10.2,13
D7S1517	UXKWJ2 - 5845	23,24		24,27
D7S3048	UXKWJ2 - 5845	24,24	24,25	19,20
D8S1132	UXKWJ2 - 5845	20,23	19,21	20,23
D9S1122	UXKWJ2 - 5845	12,13	12,13	12,13
F13A01	UXKWJ2 - 5845	3.2,16	3.2,3.2	3.2,7
F13B	UXKWJ2 - 5845	9,10	10,10	6,10
FESFPS	UXKWJ2 - 5845	11,11		12,12

TABLE 3

Locus	WebCode - Test	Item 1	Item 2	Item 3
LPL	UXKWJ2 - 5845	10,12	12,12	10,12
PENTA_C	UXKWJ2 - 5845	11,11	9,12	9,9
QS1	36F2VW - 5844	Q	Q	Q
	7RYFZR - 5844	Q	Q	Q
	DZP7ML - 5844		Q	
	HDXH7G - 5844	Q	Q	Q
	J4L3CE - 5844	Q	Q	Q
	NFYWU9 - 5844	Q	Q	Q
	QH44A7 - 5844	Q	Q	Q
	QJCGR9 - 5844	Q	Q	Q
	R3HBX6 - 5844		Q	
	T3YNZM - 5844	Q	Q	Q
	UBB3J4 - 5844			Q
	YTTTKX - 5844	Q	Q	Q
	ZNDKWY - 5844	Q	Q	Q
QS2	36F2VW - 5844	S	S	S
	7RYFZR - 5844	S	S	S
	DZP7ML - 5844		S	
	HDXH7G - 5844	S	S	S
	J4L3CE - 5844	S	S	S
	NFYWU9 - 5844	S	S	S
	QH44A7 - 5844	S	S	S
	QJCGR9 - 5844	S	S	S
	R3HBX6 - 5844		S	
	T3YNZM - 5844	S	S	S
	UBB3J4 - 5844			S
	YTTTKX - 5844	S	S	S
	ZNDKWY - 5844	S	S	S

# Additional Comments

## TABLE 4

WebCode - Test	Additional Comments
27VZEL - 5845	NR= No results
2NT2P7 - 5845	Items 1-3 were tested and charted using the PCR-based Promega Powerplex Fusion 6C System. Items 1-2 were also tested and charted using the PCR-based Promega Powerplex Fusion Y23 System. All evidence will be retained at [Laboratory] until the proficiency results are confirmed, at which point the evidence will be discarded.
3YPQJC - 5845	Due to low level profiles developed using GlobalFiler Express, an additional sample was requested from CTS for Item 2. The results of the additional analysis were reported.
44XWUW - 5843	Item #2 a partial DNA profile was obtained using Direct Amp GFX. Quantity of DNA on FTA card appears to be low.
4NJ7WB - 5843	Sample [LabCode]-2 from the 24-5843 Proficiency test was problematic for the [Laboratory] using direct amplification with Promega Fusion 5c, in half reaction format. All six proficiency tests received to the lab had weak and/or inhibited template for sample 2. The [Laboratory] analysts will be reporting partial profiles as no full profiles were generated from this sample in the total 112 times it was amplified during this proficiency test cycle. This sample was first amplified using a single 1.2 mm punch as template, followed by a double 1.2 mm punch as template (P2). This process is in line with how the laboratory handles weak offender samples received into the laboratory. Per the [Laboratory] SOP a new collection of this sample would be requested from the collecting agency and no CODIS upload would occur with the partial profile. The attempts at full profile generation have included: 1. Sample 2 from proficiency tests A, B, C & D were each sampled and amplified four times using a single 1.2 mm punch as substrate. 16 total reactions 2. Sample 2 from proficiency tests A, B, C, & D were each sampled and amplified 16 times using two 1.2 mm punches as substrate (P2 protocol). 64 total reactions 3. Sample 2 from unused proficiency tests E & F were each sampled and amplified 16 times using two 1.2 mm punches as a substrate. 32 total reactions
4WCEG2 - 5845	Samples labeled Item 1, Item 2, and Item 3 were tested and charted using the PCR-based Promega PowerPlex Fusion 6C System. Samples labeled Item 1 and Item 2 were 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.
7XMZ49 - 5843	NR = No Result
8CXZD4 - 5843	Sample [LabCode]-2 from the 24-5843 Proficiency test was problematic for the [Laboratory] using direct amplification with Promega Fusion 5c, in half reaction format. All six proficiency tests received to the lab had weak and/or inhibited template for sample 2. The [Laboratory] analysts will be reporting partial profiles as no full profiles were generated from this sample in the total 112 times it was amplified during this proficiency test cycle. This sample was first amplified using a single 1.2 mm punch as template, followed by a double 1.2 mm punch as template (P2). This process is in line with how the laboratory handles weak offender samples received into the laboratory. Per the [Laboratory] SOP a new collection of this sample would be requested from the collecting agency and no CODIS upload would occur with the partial profile. The attempts at full profile generation have included: 1. Sample 2 from proficiency tests A, B, C & D were each sampled and amplified four times using a single 1.2 mm punch as substrate. 16 total reactions 2. Sample 2 from proficiency tests A, B, C, & D were each sampled and amplified 16 times using two 1.2 mm punches as substrate (P2 protocol). 64 total reactions 3. Sample 2 from unused proficiency tests E & F were each sampled and amplified 16 times using two 1.2 mm punches as a substrate. 32 total reactions
98LCC8 - 5845	Items 1, 2, and 3 were amplified using both GlobalFiler and GlobalFiler Express. The results from both amplifications were concordant.
A6AWH7 - 5845	Due to low level profiles developed using GlobalFiler Express, an additional sample was requested from CTS for Item 2. The results of the additional analysis were reported.

TABLE 4

WebCode - Test	Additional Comments
BEDUGU - 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.
D94HXL - 5843	this laboratory do not do YSTR analysis. Dentro del alcance de acreditación de este laboratorio no se encuentra el análisis de YSTR, por lo que los resultados que reportamos para esta prueba, únicamente son de los perfiles autosómicos STR. Este laboratorio no realiza análisis de cromosoma Y.
EBH93Z - 5843	NR = No Result
F9RTLJ - 5843	For Item #2, Direct Amp method of Globalfiler Express yielded a partial DNA profile. extraction protocol used with low DNA quantity seen.
FNMRDY - 5845	Items 2 and 3 were amplified using both GlobalFiler and GlobalFiler Express. The results from both amplifications were concordant.
G93XFA - 5843	ITEM 2 WAS WORKED ACCORDING TO THE PROTOCOLS VALIDATED BY THE LABORATORY, HOWEVER IT PRESENTED ALLELIC LOSSES, SO AN EXTRACTION HAD TO BE MADE FROM THE CARD AND SO OBTAINING THE GENETIC PROFILES WAS POSSIBLE
GVY37Q - 5845	Performed using robotic methods by analyst [Name]. Retests conducted manually by [Name]. Loci D6S1043 and Y Indel not analyzed with PowerPlex Fusion 6C. These fields for Items 1 -3 were left blank. DNA data obtained from items 1 and 2 were very weak in intensity. The larger fragments were detected below our 150 RFU minimum threshold on a 3500XL genetic analyzer. Item 1 had to be re-amplified with max DNA template input (as allowed by our policies) to obtain a CODIS eligible profile. Observed a reddish-brown stain on Item 1 swabs. Item 2 had to be re-amplified twice, also with max template, to obtain a CODIS eligible profile.
GXRYUK - 5843	Y-STR testing was not performed
HL7AB7 - 5845	The samples provided for testing contained very low-level amounts of DNA. The laboratory had to reamplify the samples and obtain profiles using longer injection times on the genetic analyzer as well as a validated lower RFU threshold that is typically used for poorly collected database samples. The samples do not appear to be reflective of the typically encountered database samples that are routinely received at our laboratory. The samples normally received for database analysis contain much higher amounts of DNA.
HLQQQ9 - 5843	{ }= peak height ratio lower than expected
JX2KGR - 5843	Item 2 was an extremely weak sample. Multiple attempts were made using different extraction techniques. Partial sample submission to CTS approved by TL.
L6AYCR - 5845	YSTRs not performed due to this type of testing not being used by the Databank section.
LWHFXJ - 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.
LZE6EQ - 5843	Sample 2 was weak
LZUQNT - 5843	Full profiles were developed for items 1 and 3, but only a partial profile was able to be generated for item 2. Item 2 was processed from sample collection through data analysis and interpretation twice and tested to the fullest capability of our GO! Lysis method. If this were a database sample, it would be added to our list for samples requiring the next stage of testing (i.e., Maxwell) in which I am not currently trained but will be in the future.

TABLE 4

WebCode - Test	Additional Comments
MNH7ZD - 5845	<p>A) Autosomal DNA analysis leads to the following conclusions: 1. The genetic profile of ITEM 1 (MALE 1) (N1355/24), ITEM 2 (MALE 2) (N1356/24) and ITEM 3 (FEMALE 1) (N1357/24) was determined from oral mucosa cells. 2. On comparing the genetic profile obtained from ITEM 1 (MALE 1) (N1355/24) with the genetic profiles entered in the different sections of the [Location Identifying Database], it was observed that it coincides with the genetic profile identified with folio number C1206/24, which corresponds to the oral mucosa of ITEM 1, INDIVIDUAL 1 case: APTITUDE TEST 2024 carried out by the Forensic Genetics Unit of the [State]. 3. Upon comparing the genetic profile obtained from ITEM 2 MALE 2 (N1356/24) with the genetic profiles entered in the different sections of the [Location Identifying Database], it was observed that it coincides with the genetic profile identified with folio number C1207/24 which corresponds to the oral mucosa of ITEM 2, INDIVIDUAL 2 case: APTITUDE TEST 2024 carried out by the Forensic Genetics Unit of the [State]. 4. Upon comparing the genetic profile obtained from ITEM 3 (FEMALE 1) (N1357/24) with the genetic profiles entered in the different sections of the [Location Identifying Database], it was observed that it coincides with the genetic profile identified with folio number C1208/24, which corresponds to the oral mucosa of ITEM 3, INDIVIDUAL 3 case: PROOF OF APTITUDE 2024 carried out by the Forensic Genetics Unit of the [State]. B) When performing the Y-Chromosome DNA analysis, the following conclusions were reached: 1. the Y-Chromosome haplotype of ITEM 1 (MALE 1) and ITEM 2 (MALE 2) was determined (N1355/24 and N1356/24, respectively). 2. When matching the Y-Chromosome haplotype of ITEM 1 (MALE 1) and ITEM 2 (MALE 2) (N1355/24 and N1356/24, respectively) against the Y-Chromosome haplotypes that have been entered in the different sections that make up the Genetic Database of the [State], it was observed that until October 11, 2024 there are no genetic matches other than the one generated by their inclusion in the system.</p>
MVG7G8 - 5843	<p>A partial profile was developed for item 2 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.</p>
MXKXAK - 5845	<p>PT performed robotically via direct amplification. All specimen items received for analysis were weak and failed first pass testing. Re-amplification with max template was required to obtain a complete profile and a successful pass for this proficiency.</p>
NB43UL - 5843	<p>Sample[LabCode]-2 from the 24-5843 Proficiency test was problematic for the [Laboratory] using direct amplification with Promega Fusion 5c, in half reaction format. All six proficiency tests received to the lab had weak and/or inhibited template for sample 2. The [Laboratory] analysts will be reporting partial profiles as no full profiles were generated from this sample in the total 112 times it was amplified during this proficiency test cycle. This sample was first amplified using a single 1.2 mm punch as template, followed by a double 1.2 mm punch as template (P2). This process is in line with how the laboratory handles weak offender samples received into the laboratory. Per the [Laboratory] SOP a new collection of this sample would be requested from the collecting agency and no CODIS upload would occur with the partial profile. The attempts at full profile generation have included: 1. Sample 2 from proficiency tests A, B, C &amp; D were each sampled and amplified four times using a single 1.2 mm punch as substrate. 16 total reactions 2. Sample 2 from proficiency tests A, B, C, &amp; D were each sampled and amplified 16 times using two 1.2 mm punches as substrate (P2 protocol). 64 total reactions 3. Sample 2 from unused proficiency tests E &amp; F were each sampled and amplified 16 times using two 1.2 mm punches as a substrate. 32 total reactions</p>
P93KR8 - 5845	<p>The ITEM 1, ITEM 2 and ITEM 3 saliva samples met the requirements to obtain genetic profiles according to the laboratory's quality standards.</p>
QJCGR9 - 5844	<p>Initially, punching resulted in partial, very low signal profiles. Repunching BODE collector at different parts of collector successfully located areas with enough DNA to obtain a high quality amplification and full profile.</p>
QVPGM2 - 5843	<p>A partial profile was developed for Item 2 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.</p>
R8VUFL - 5845	<p>YSTRs not performed due to not being performed by the Databank section of the lab.</p>

TABLE 4

WebCode - Test	Additional Comments
TQ9VPE - 5845	Performed using robotic methods by laboratory technician [Name]. Data was interpreted and reported by analyst [Name]. DNA data obtained from items 1 and 2 were very weak in intensity. The larger fragments were detected below our 150 RFU minimum threshold on a 3500XL genetic analyzer. Item 1 and 2 were re-amplified with max template and injected for 24s to obtain CODIS eligible profiles.
U2Y4PT - 5844	[Laboratory] does not perform YSTR testing.
UL87LC - 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.
ULVAHT - 5845	NR=No result
VHP9TF - 5843	Sample [LabCode]-2 from the 24-5843 Proficiency test was problematic for the [Laboratory] using direct amplification with Promega Fusion 5c, in half reaction format. All six proficiency tests received to the lab had weak and/or inhibited template for sample 2. The [Laboratory] analysts will be reporting partial profiles as no full profiles were generated from this sample in the total 112 times it was amplified during this proficiency test cycle. This sample was first amplified using a single 1.2 mm punch as template, followed by a double 1.2 mm punch as template (P2). This process is in line with how the laboratory handles weak offender samples received into the laboratory. Per the [Laboratory] SOP a new collection of this sample would be requested from the collecting agency and no CODIS upload would occur with the partial profile. The attempts at full profile generation have included: 1. Sample 2 from proficiency tests A, B, C & D were each sampled and amplified four times using a single 1.2 mm punch as substrate. 16 total reactions 2. Sample 2 from proficiency tests A, B, C, & D were each sampled and amplified 16 times using two 1.2 mm punches as substrate (P2 protocol). 64 total reactions 3. Sample 2 from unused proficiency tests E & F were each sampled and amplified 16 times using two 1.2 mm punches as a substrate. 32 total reactions
VTLEME - 5845	All three items were initially analyzed using GlobalFiler Express using a direct amplification method. Using this method, a complete profile was not obtained for Item 2. This sample was then reanalyzed with GlobalFiler, which was able to successfully generate a complete profile.
VXJV2T - 5844	NR indicates no results.
WEJ6J6 - 5843	No YSTR testing was performed.
WLHR9J - 5845	Items 1, 2, and 3 were amplified using both GlobalFiler and GlobalFiler Express. The results from both amplifications were concordant.
WN9UFT - 5844	NR = NO RESULTS
WVTUUK - 5845	Due to low level profiles developed using GlobalFiler Express, an additional sample was requested from CTS for Item 2. The results of the additional analysis were reported.
Y643A9 - 5845	Tested using direct amplification. Two samples failed during the first run due to low level data (items 1 & 2). Re-amplification using higher volume of input template DNA resulted in data above required thresholds and a passing result. Item 3 passed on the first attempt.
YF8F9N - 5845	NR - no results. * - indicates possible allelic dropout.

-End of Report-  
(Appendix may follow)

Collaborative Testing Services ~ Forensic Testing Program

**Test No. 24-5843: DNA Database - Saliva**

DATA MUST BE SUBMITTED BY **Oct. 15, 2024, 11:59 p.m. EDT** TO BE INCLUDED IN THE REPORT

Participant Code: U1234A

WebCode: 82LQV6

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 (Male)

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







*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®

PowerPlex®

GlobalFiler™

Other

Investigator® 24plex

*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 I (continued): DNA Analysis - Additional DNA

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

Locus			Item 1			Item 2			Item 3		

## Part II: ADDITIONAL COMMENTS

- Use this section to report comments regarding any part of this DNA Database Saliva Test.
- Written conclusions (including statistical information) for DNA analysis are not required.
- Note: Laboratories submitting their results for accreditation are asked to report any additional information that will assist in the review of their results. This includes an explanation of any deviations from a full completion of the test and/or unique findings such as elevated stutter.

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

## 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 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 ANAB and/or A2LA. (Accreditation Release section below must be completed.)
- This participant's data is **not** intended for submission to 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.

A2LA Certificate No.

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

Authorized Contact Person and Title

Laboratory Name

Location (City/State)