



## DNA Database-Saliva Test No. 17-5843/4/5 Summary Report

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This proficiency test was sent to 175 participants. Each participant received a sample pack consisting of three buccal saliva standards which they were requested to analyze using their existing protocols. Data were returned from 141 participants (80% response rate) and are compiled into the following tables:

	<u>Page</u>
<a href="#"><u>Manufacturer's Information</u></a>	<u>2</u>
<a href="#"><u>Summary Comments</u></a>	<u>4</u>
<a href="#"><u>Table 1: STR Amplification Kit(s) &amp; Results</u></a>	<u>5</u>
<a href="#"><u>Table 2: YSTR Amplification Kit(s) &amp; Results</u></a>	<u>68</u>
<a href="#"><u>Table 3: Additional DNA Results</u></a>	<u>102</u>
<a href="#"><u>Table 4: Additional Comments</u></a>	<u>103</u>
<a href="#"><u>Appendix: Data Sheet</u></a>	<u>105</u>

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 was a collection of known buccal cells from three individuals (Items 1-3), provided on either GE Healthcare FTA® Indicating Micro Cards, Bode Buccal DNA Collectors™, or Puritan® Cap-Shure® swabs. Participants were requested to analyze these items using their existing protocols.

**SAMPLE PREPARATION:** All substrates were prepared from human buccal cheek cells suspended in sterile phosphate-buffered saline solution. The GE Healthcare FTA® Indicating Micro Cards were spotted with 120  $\mu$ l of the cell suspension, the Bode Buccal DNA Collectors™ were spotted with 200  $\mu$ l of the cell suspension, and the Puritan® Cap-Shure® swabs were spotted with 100  $\mu$ l of the cell suspension. Items 1 and 3 were created using different male donors, and Item 2 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°C until shipment on July 31, 2017.

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

**VERIFICATION:** Laboratories that conducted pre-distribution analysis of the samples reported consistent results.

## Manufacturer's Information, continued

### Amelogenin and STR Results

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

Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	
1	12,14	17,25	10,11	15,17	*	11,11
	*	10,11	13,14	*	14,14	22,23
	10,11	12,13	*	20,22	14,14	*
	28,29	11,16	X,Y	11,11	21,22	11,11
	10,16	16,17	6,6	8,9	15,15	
2	15.3,17.3	17,23	11,14	15,16	*	10,13
	*	8,12	10,11	*	13,14	23,25
	10,11	10,13	*	15,19	13,14	*
	29,31.2	16,17	X,X	10,12	22,24.2	13,13
	7,13	14,25.2	6,9.3	8,8	17,18	
3	12,16	17,18	10,11	15,16	*	12,13
	*	10,12	10,14	*	15,16	19,21
	13,13	9,10	*	14,15	14,14	*
	31,32.2	16,16	X,Y	12,12	21,25	10,12
	7,12	12,24.2	6,9.3	11,11	17,17	

### YSTR Results

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

Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4
1	35,35	14	11,14	13	30	24	11	13	12	15
	12	12	19	32	15	16	11	22	*	40
	*	12	12	19	18	*	21	23	9	12
3	37,37	15	13,14	12	28	22	10	11	13	16
	10	11	20	29	14	15	9	25	*	40
	*	11	12	21	16	*	19	21	12	11

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

## **Summary Comments**

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

There were 141 participants that performed STR testing and 41 that performed full YSTR testing.

Of the STR results returned, only one participant reported results that differed from the consensus/pre-distribution testing results. This participant reported an allele call of 10,10 at D8S1179 for Item 3, whereas the consensus for this locus was 10,14.

Of the YSTR results returned, no participants reported any results that differed from the consensus/pre-distribution testing results.

# STR Amplification Kit(s) & Results

TABLE 1

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

## Item 1 - STR Results

23GM49 - 5843	PowerPlex® Fusion					
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	11
	10,16		6	8,9	15	
2T7JWA - 5843	PowerPlex® Fusion 6C					
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	11
	10,16	16,17	6	8,9	15	
2U4TQR - 5844	PowerPlex® Fusion 6C					
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	11
	10,16	16,17	6	8,9	15	
2WTZBN - 5844	GlobalFiler™ Express					
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	
2YDXEK - 5844	GlobalFiler™ EXPRESS					
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	
32HY3N - 5844	GlobalFiler™ Express					
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	

TABLE 1

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

## Item 1 - STR Results

33DFEL - 5843	PowerPlex® Fusion 5C					
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	11,11
	10,16		6,6	8,9	15,15	
36J3UB - 5845	GlobalFiler™					
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	
389AE8 - 5843	PowerPlex® 6C					
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	11
	10,16	16,17	6	8,9	15	
3AQHBL - 5844	GlobalFiler™ EXPRESS					
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	
3CVB6K - 5844	GlobalFiler™ Express					
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	
3H3PY3 - 5843	PowerPlex® Fusion 5C					
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	11,11
	10,16		6,6	8,9	15,15	
3XAV2L - 5844	GlobalFiler™ Express					
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	

TABLE 1

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

## Item 1 - STR Results

46E6WK - 5843	Identifiler® Direct					
		17,25		15,17		11,11
1		10,11	13,14			
	10,11	12,13		20,22	14,14	
	28,29		X,Y	11,11	21,22	
			6,6	8,9	15,15	
4A9YW8 - 5843	PowerPlex® Fusion 6C					
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	11
	10,16	16,17	6	8,9	15	
4HH7WG - 5843	PowerPlex® Fusion 5C					
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	11,11
	10,16		6,6	8,9	15,15	
4MEVB3 - 5845	GlobalFiler™ Express					
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	
		16,17	6	8,9	15	
68Y4ZG - 5844	GlobalFiler™ Express					
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	
6EHF4A - 5843	GlobalFiler™					
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	
		16,17	6	8,9	15	
6JAMLH - 5843	PowerPlex® Fusion 5C					
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	11,11
	10,16		6,6	8,9	15,15	

TABLE 1

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

## Item 1 - STR Results

6MAVRE - 5843	PowerPlex® Fusion					
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	11
	10,16		6	8,9	15	
6PGB26 - 5843	PowerPlex® Fusion 6C					
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	11
	10,16	16,17	6	8,9	15	
6PR7FH - 5844	GlobalFiler™ Express					
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	
6TGLVK - 5844	GlobalFiler™ Express					
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	
6VK9KH - 5844	GlobalFiler™ Express					
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	
74RDXK - 5843	Identifiler® Direct					
		17,25		15,17		11,11
1		10,11	13,14			
	10,11	12,13		20,22	14,14	
	28,29		X,Y	11,11	21,22	
			6,6	8,9	15,15	
77CC2G - 5844	GlobalFiler™ Express					
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	



TABLE 1

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

## Item 1 - STR Results

7EDKT3 - 5843	PowerPlex® Fusion 5C					
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	11,11
	10,16		6,6	8,9	15,15	
7Q7YW7 - 5845	PowerPlex® 5C					
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	11
	10,16		6	8,9	15	
7TRWZ3 - 5844	GlobalFiler™ Express					
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	
7YXELA - 5844	PowerPlex® 5C					
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	11
	10,16		6	8,9	15	
7Z99D4 - 5844	GlobalFiler™ Express					
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	
8E9HKA - 5843	PowerPlex® Fusion 6C					
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	11
	10,16	16,17	6	8,9	15	
8FKZ4F - 5843	GlobalFiler™					
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	

TABLE 1

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

Item 1 - STR Results

8GU9NZ - 5843	GlobalFiler™ Express PCR Amplification Kit					
1	12,14	17,25	10,11	15,17		11,11
		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	
8LQTXB - 5845	GlobalFiler™ Express					
1	12,14	17,25	10,11	15,17		11
		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	
		16,17	6	8,9	15	
8RDHGY - 5845	GlobalFiler™ EXPRESS					
1	12,14	17,25	10,11	15,17		11
		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	
		16,17	6	8,9	15	
92VQ6E - 5844	GlobalFiler™ Express					
1	12,14	17,25	10,11	15,17		11,11
		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	
9AU74Y - 5843	PowerPlex® Fusion 5C					
1	12,14	17,25	10,11	15,17		11,11
		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	11,11
	10,16		6,6	8,9	15,15	
9KCJK4 - 5845	PowerPlex® Fusion 6C					
1	12,14	17,25	10,11	15,17		11
		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	11
	10,16	16,17	6	8,9	15	
9NPNW4 - 5843	PowerPlex® 16 Loci ESI					
1	12,14	17,25	10,11	15,17		
					14	22,23
		12,13		20,22	14	
	28,29	11,16	X,Y			
			6		15	

TABLE 1

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

## Item 1 - STR Results

9Q24NJ - 5844	Identifiler® Plus					
1	17,25			15,17		11
	10,11	13,14				
	10,11	12,13		20,22	14	
	28,29		X,Y	11	21,22	
		6		8,9	15	
9R9PVW - 5844	GlobalFiler™ Express					
1	12,14	17,25	10,11	15,17		11,11
	10,11	13,14			14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	
9T8NCJ - 5844	PowerPlex® Fusion 6C					
1	12,14	17,25	10,11	15,17		11
	10,11	13,14			14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	11
	10,16	16,17	6	8,9	15	
9THM9E - 5843	GlobalFiler™ Express PCR Amplification Kit					
1	12,14	17,25	10,11	15,17		11,11
	10,11	13,14			14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	
9YBR3H - 5844	PowerPlex® Fusion 6C					
1	12,14	17,25	10,11	15,17		11
	10,11	13,14			14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	11
	10,16	16,17	6	8,9	15	
A4HFFJ - 5844	Investigator® 24plex					
1	12,14	17,25	10,11	15,17		11
	10,11	13,14			14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	
		16,17	6	8,9	15	
A74EHG - 5844	GlobalFiler™ EXPRESS					
1	12,14	17,25	10,11	15,17		11,11
	10,11	13,14			14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	

TABLE 1

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

## Item 1 - STR Results

AP3HBJ - 5844	PowerPlex® Fusion 6C					
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	11
	10,16	16,17	6	8,9	15	
ARMFDF - 5844	GlobalFiler™ Express					
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	
ARQU84 - 5845	GlobalFiler™ Express					
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	
		16,17	6	8,9	15	
BAHGV4 - 5844	PowerPlex® Fusion 5C					
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	11
	10,16		6	8,9	15	
CBV9JE - 5844	GlobalFiler™ Express					
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	
CC4L32 - 5843	PowerPlex® Fusion 6C					
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	11
	10,16	16,17	6	8,9	15	
CDCMY9 - 5845	PowerPlex® Fusion					
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	11
	10,16		6	8,9	15	

TABLE 1

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

## Item 1 - STR Results

CLCVTF - 5844	PowerPlex® Fusion 6C					
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	11
	10,16	16,17	6	8,9	15	
CNGNME - 5845	PowerPlex® Fusion 5C					
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	11
	10,16		6	8,9	15	
CQKJ4W - 5843	PowerPlex® FUSION 5C					
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	11,11
	10,16		6,6	8,9	15,15	
CW7D2U - 5844	GlobalFiler™ Express					
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	
DBAWFZ - 5845	GlobalFiler™ Express					
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	
		16,17	6	8,9	15	
DFL3W7 - 5843	PowerPlex® Fusion 5C					
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	11,11
	10,16		6,6	8,9	15,15	
DWQ8L4 - 5844	PowerPlex® Fusion					
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	11
	10,16		6	8,9	15	

TABLE 1

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

## Item 1 - STR Results

DWR6WZ - 5845	PowerPlex® 5C					
1	12,14	17,25	10,11	15,17		11
		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	11
	10,16		6	8,9	15	
DYC3YW - 5844	GlobalFiler™ express					
1	12,14	17,25	10,11	15,17		11,11
		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	
ECDADR - 5845	PowerPlex® Fusion 6C					
1	12,14	17,25	10,11	15,17		11,11
		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	11,11
	10,16	16,17	6,6	8,9	15,15	
EGCLDX - 5845	GlobalFiler™ Express					
1	12,14	17,25	10,11	15,17		11,11
		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	
FMWZGV - 5845	GlobalFiler™ Express					
1	12,14	17,25	10,11	15,17	NT	11,11
	NT	10,11	13,14	NT	14,14	22,23
	10,11	12,13	NT	20,22	14,14	NT
	28,29	11,16	X,Y	11,11	21,22	NT
	NT	16,17	6,6	8,9	15,15	
FQUJHU - 5843	NGM SElect Express					
1	12,14	17,25	10,11	15,17		
			13,14		14,14	22,23
		12,13		20,22	14,14	
	28,29	11,16	X,Y		21,22	
		16,17	6,6		15,15	
G6TTZ9 - 5843	Identifiler® Direct					
1		17,25		15,17		11,11
		10,11	13,14			
	10,11	12,13		20,22	14,14	
	28,29		X,Y	11,11	21,22	
			6,6	8,9	15,15	

TABLE 1

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

## Item 1 - STR Results

G8DQ36 - 5844 GlobalFiler™ EXPRESS						
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	
GJANF6 - 5843 PowerPlex® Fusion 5C						
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	11,11
	10,16		6,6	8,9	15,15	
GKZURN - 5844 GlobalFiler™ Express						
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	
GLEEKY - 5844 PowerPlex® Fusion 5C						
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	11
	10,16		6	8,9	15	
GNJ7AQ - 5843 PowerPlex® Fusion 5C						
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	11,11
	10,16		6,6	8,9	15,15	
H2LWRP - 5843 PowerPlex® Fusion (5 dye kit)						
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	11
	10,16		6	8,9	15	
H9N2J9 - 5844 PowerPlex® Fusion 6C						
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	11
	10,16	16,17	6	8,9	15	

TABLE 1

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

## Item 1 - STR Results

HF4HD4 - 5843	PowerPlex® Fusion 5C					
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	11,11
	10,16		6,6	8,9	15,15	
JC32CU - 5845	GlobalFiler™ Express					
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	
		16,17	6	8,9	15	
JLN6EM - 5843	GlobalFiler™ Express PCR Amplification Kit					
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	
JN92Y7 - 5844	GlobalFiler™ Express					
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	
JNGVRT - 5845	GlobalFiler™ Express					
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	
		16,17	6	8,9	15	
L3PLMX - 5845	GlobalFiler™ Express					
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	
		16,17	6	8,9	15	
LMV4TT - 5843	PowerPlex® 21					
	12,14	17,25		15,17		11,11
1		10,11	13,14			22,23
	10,11	12,13		20,22	14,14	
	28,29		X,Y	11,11	21,22	11,11
	10,16		6,6	8,9	15,15	



TABLE 1

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

## Item 1 - STR Results

LQYRCP - 5843	PowerPlex® Fusion 6C					
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	11
	10,16	16,17	6	8,9	15	
LR9232 - 5843	GlobalFiler™ Express PCR Amplification Kit					
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	
LZKYAT - 5843	PowerPlex® 5C					
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	11
	10,16		6	8,9	15	
M4CM2J - 5845	Investigator® 24plex GO!					
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	
		16,17	6	8,9	15	
MD44UU - 5843	PowerPlex® Fusion					
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	11
	10,16		6	8,9	15	
MX9LZP - 5845	GlobalFiler™ Express					
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	
		16,17	6	8,9	15	
N3FRVM - 5843	PowerPlex® Fusion 6C					
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	11
	10,16	16,17	6	8,9	15	

TABLE 1

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

## Item 1 - STR Results

N4D2P6 - 5844	PowerPlex® Fusion 6C					
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	11
	10,16	16,17	6	8,9	15	
NDHMER - 5843	PowerPlex® Fusion 6C					
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	11
	10,16	16,17	6	8,9	15	
NFLT4X - 5844	GlobalFiler™ Express					
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	
NKFG8J - 5844	PowerPlex® Fusion 5C					
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	11
	10,16		6	8,9	15	
NTBGNW - 5844	GlobalFiler™					
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	
NUMGKR - 5844	PowerPlex® Fusion 5C					
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	11
	10,16		6	8,9	15	
NY2WD4 - 5843	PowerPlex® Fusion 6C					
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	11
	10,16	16,17	6	8,9	15	

TABLE 1

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

## Item 1 - STR Results

P6XZR2 - 5844 GlobalFiler™ EXPRESS						
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	
P9HVKL - 5843 PowerPlex® Fusion 6C						
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	11
	10,16	16,17	6	8,9	15	
PWQ9EQ - 5845 GlobalFiler™ Express						
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	
		16,17	6	8,9	15	
Q2EHUG - 5843 GlobalFiler™ Express PCR Amplification Kit						
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	
Q4KVJV - 5845 PowerPlex® FUSION, PowerPlex ESX17						
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	11
	10,16	16,17	6	8,9	15	
Q6ENEE - 5845 PowerPlex® PPF 6C						
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	11,11
	10,16	16,17	6,6	8,9	15,15	
QRABEG - 5843 GlobalFiler™ Express PCR Amplification Kit						
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	

TABLE 1

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

## Item 1 - STR Results

QUHFXW - 5843 GlobalFiler™ Express PCR Amplification Kit						
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	
QVRN2P - 5844 PowerPlex® 5C						
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	11
	10,16		6	8,9	15	
R9CPU2 - 5844 Investigator® 24plex GO!						
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	
		16,17	6	8,9	15	
RGHF9X - 5844 GlobalFiler™ Express						
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	
RGJDT - 5845 PowerPlex® Fusion						
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	11
	10,16		6	8,9	15	
RZGHDG - 5843 PowerPlex® Fusion 5C						
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	11
	10,16		6	8,9	15	
T2UDGZ - 5844 Investigator® 24plex GO!						
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	
		16,17	6	8,9	15	

TABLE 1

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

## Item 1 - STR Results

T8CQDE - 5843 GlobalFiler™ Express PCR Amplification Kit						
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	
TBWMXX - 5844 GlobalFiler™ Express						
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	
TEFN6Q - 5843 PowerPlex® Fusion 5C						
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	11,11
	10,16		6,6	8,9	15,15	
U2KYKB - 5843 PowerPlex® Fusion 5C						
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	11,11
	10,16		6,6	8,9	15,15	
UNFKKD - 5843 GlobalFiler™ Express PCR Amplification Kit						
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	
UP9RMP - 5843 PowerPlex® Fusion 5C						
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	11,11
	10,16		6,6	8,9	15,15	
UPU3MJ - 5845 GlobalFiler™ Express						
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	

TABLE 1

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

## Item 1 - STR Results

UQRF9Q - 5843	PowerPlex® FUSION Y ESX					
1	12,14	17,25	10,11	15,17		11,11
		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	11,11
	10,16	16,17	6,6	8,9	15,15	
V3CEAD - 5843	PowerPlex® Fusion					
1	12,14	17,25	10,11	15,17		11
		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	11
	10,16		6	8,9	15	
V7V8PL - 5844	PowerPlex® Fusion					
1	12,14	17,25	10,11	15,17		11
		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	11
	10,16		6	8,9	15	
VE7QMQ - 5843	GlobalFiler™ Express PCR Amplification Kit					
1	12,14	17,25	10,11	15,17		11,11
		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	
VMJK3T - 5843	GlobalFiler™ Express PCR Amplification Kit					
1	12,14	17,25	10,11	15,17		11,11
		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	
VNVJUG - 5845	GlobalFiler™ Express					
1	12,14	17,25	10,11	15,17		11
		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	
		16,17	6	8,9	15	
VZ9KVG - 5845	PowerPlex® 5C					
1	12,14	17,25	10,11	15,17		11
		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	11
	10,16		6	8,9	15	

TABLE 1

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

## Item 1 - STR Results

WFV9DQ - 5844	GlobalFiler™ EXPRESS					
1	12,14	17,25	10,11	15,17		11,11
		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	
WQFTJ9 - 5843	PowerPlex® Fusion 5C					
1	12,14	17,25	10,11	15,17		11,11
		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	11,11
	10,16		6,6	8,9	15,15	
WQHHPQ - 5843	PowerPlex® FUSION 5C					
1	12,14	17,25	10,11	15,17		11,11
		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	11,11
	10,16		6,6	8,9	15,15	
WT3GTM - 5845	PowerPlex® Fusion					
1	12,14	17,25	10,11	15,17		11
		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	11
	10,16		6	8,9	15	
X3QKM9 - 5845	PowerPlex® Fusion 6C					
1	12,14	17,25	10,11	15,17		11,11
		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	11,11
	10,16	16,17	6,6	8,9	15,15	
X8KENF - 5845	GlobalFiler™ Express					
1	12,14	17,25	10,11	15,17		11,11
		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	
XE2TQL - 5845	GlobalFiler™, GlobalFiler™ Express					
1	12,14	17,25	10,11	15,17		11
		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	
		16,17	6	8,9	15	

TABLE 1

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

## Item 1 - STR Results

Y74KLK - 5843	PowerPlex® Fusion 5C					
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	11,11
	10,16		6,6	8,9	15,15	
YBVUM7 - 5844	GlobalFiler™ Express					
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	
YWYVJA - 5843	PowerPlex® Fusion 6C					
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	11,11
	10,16	16,17	6,6	8,9	15,15	
Z96AYD - 5845	PowerPlex® 21					
	12,14	17,25		15,17		11,11
1		10,11	13,14			22,23
	10,11	12,13		20,22	14,14	
	28,29		X,Y	11,11	21,22	11,11
	10,16		6,6	8,9	15,15	
ZC4GKB - 5845	GlobalFiler™ Express					
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14	NA	14,14	22,23
	10,11	12,13	NA	20,22	14,14	NA
	28,29	11,16	X,Y	11,11	21,22	NA
		16,17	6,6	8,9	15,15	
ZHQAUP - 5843	Identifiler® Direct					
		17,25		15,17		11,11
1		10,11	13,14			
	10,11	12,13		20,22	14,14	
	28,29		X,Y	11,11	21,22	
			6,6	8,9	15,15	
ZKB8WL - 5844	GlobalFiler™ Express					
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	
		16,17	6,6	8,9	15,15	



TABLE 1

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

Item 1 - STR Results

ZM8ERK - 5843	PowerPlex® Fusion 5C					
	12,14	17,25	10,11	15,17		11,11
1		10,11	13,14		14,14	22,23
	10,11	12,13		20,22	14,14	
	28,29	11,16	X,Y	11,11	21,22	11,11
	10,16		6,6	8,9	15,15	
ZQ7VZ9 - 5844	PowerPlex® Fusion 5C					
	12,14	17,25	10,11	15,17		11
1		10,11	13,14		14	22,23
	10,11	12,13		20,22	14	
	28,29	11,16	X,Y	11	21,22	11
	10,16		6	8,9	15	

TABLE 1

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

## Item 2 - STR Results

23GM49 - 5843	PowerPlex® Fusion					
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	13
	7,13		6,9.3	8	17,18	
2T7JWA - 5843	PowerPlex® Fusion 5C					
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	13,13
	7,13		6,9.3	8,8	17,18	
2U4TQR - 5844	PowerPlex® Fusion 6C					
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	13
	7,13	14,25.2	6,9.3	8	17,18	
2WZTBN - 5844	GlobalFiler™ Express					
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
2YDXEK - 5844	GlobalFiler™ EXPRESS					
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
32HY3N - 5844	GlobalFiler™ Express					
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
33DFEL - 5843	PowerPlex® Fusion 5C					
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	13,13
	7,13		6,9.3	8,8	17,18	

TABLE 1

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

## Item 2 - STR Results

36J3UB - 5845	GlobalFiler™					
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
389AE8 - 5843	PowerPlex® 6C					
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	13
	7,13	14,25.2	6,9.3	8	17,18	
3AQHBL - 5844	GlobalFiler™ EXPRESS					
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
3CVB6K - 5844	GlobalFiler™ Express					
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
3H3PY3 - 5843	PowerPlex® Fusion 5C					
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	13,13
	7,13		6,9.3	8,8	17,18	
3XAV2L - 5844	GlobalFiler™ Express					
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
46E6WK - 5843	GlobalFiler™ Express					
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	

TABLE 1

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

## Item 2 - STR Results

4A9YW8 - 5843	PowerPlex® Fusion 6C					
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	13
	7,13	14,25.2	6,9.3	8	17,18	
4HH7WG - 5843	PowerPlex® Fusion 5C					
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	13,13
	7,13		6,9.3	8,8	17,18	
4MEVB3 - 5845	GlobalFiler™ Express					
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	
		14,25.2	6,9.3	8	17,18	
68Y4ZG - 5844	GlobalFiler™ Express					
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
6EHF4A - 5843	GlobalFiler™					
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	
		14,25.2	6,9.3	8	17,18	
6JAMLH - 5843	PowerPlex® Fusion 5C					
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	13,13
	7,13		6,9.3	8,8	17,18	
6MAVRE - 5843	PowerPlex® Fusion					
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	13
	7,13		6,9.3	8	17,18	

TABLE 1

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

## Item 2 - STR Results

6PGB26 - 5843	PowerPlex® Fusion 6C					
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	13
	7,13	14,25.2	6,9.3	8	17,18	
6PR7FH - 5844	GlobalFiler™ Express					
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
6TGLVK - 5844	GlobalFiler™ Express					
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
6VK9KH - 5844	GlobalFiler™ Express					
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
74RDXK - 5843	GlobalFiler™ Express					
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
77CC2G - 5844	GlobalFiler™ Express					
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
7EDKT3 - 5843	PowerPlex® Fusion 5C					
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	13,13
	7,13		6,9.3	8,8	17,18	

TABLE 1

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

## Item 2 - STR Results

7Q7YW7 - 5845 PowerPlex® 5C						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	13
	7,13		6,9.3	8	17,18	
7TRWZ3 - 5844 GlobalFiler™ Express						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
7YXELA - 5844 PowerPlex® 5C						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	13
	7,13		6,9.3	8	17,18	
7Z99D4 - 5844 GlobalFiler™ Express						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
8E9HKA - 5843 PowerPlex® Fusion 6C						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	13
	7,13	14,25.2	6,9.3	8	17,18	
8FKZ4F - 5843 GlobalFiler™ Express						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
8GU9NZ - 5843 GlobalFiler™ Express PCR Amplification Kit						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	

TABLE 1

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

## Item 2 - STR Results

8LQTXB - 5845	GlobalFiler™ Express					
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	
		14,25.2	6,9.3	8	17,18	
8RDHGY - 5845	GlobalFiler™ EXPRESS					
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	
		14,25.2	6,9.3	8	17,18	
92VQ6E - 5844	GlobalFiler™ Express					
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
9AU74Y - 5843	PowerPlex® 5C					
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	13,13
	7,13		6,9.3	8,8	17,18	
9KCJK4 - 5845	PowerPlex® Fusion 6C					
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	13
	7,13	14,25.2	6,9.3	8	17,18	
9NPNW4 - 5843	PowerPlex® 16 Loci ESI					
	15,3,17.3	17,23	11,14	15,16		10,13
2			10,11		13,14	23,25
		10,13		15,19	13,14	
	29,31.2	16,17	XX		22,24.2	
			6,9.3		17,18	
9Q24NJ - 5844	Identifiler® Plus					
		17,23		15,16		10,13
2		8,12	10,11			
	10,11	10,13		15,19	13,14	
	29,31.2		X	10,12	22,24.2	
			6,9.3	8	17,18	

TABLE 1

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

## Item 2 - STR Results

9R9PVW - 5844	GlobalFiler™ Express					
	15.3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
9T8NCJ - 5844	PowerPlex® Fusion 6C					
	15.3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	13
	7,13	14,25.2	6,9.3	8	17,18	
9THM9E - 5843	GlobalFiler™ Express PCR Amplification Kit					
	15.3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
9YBR3H - 5844	PowerPlex® Fusion 6C					
	15.3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	13
	7,13	14,25.2	6,9.3	8	17,18	
A4HFFJ - 5844	Investigator® 24plex					
	15.3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	
		14,25.2	6,9.3	8	17,18	
A74EHG - 5844	GlobalFiler™ EXPRESS					
	15.3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
AP3HBJ - 5844	PowerPlex® Fusion 6C					
	15.3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	13
	7,13	14,25.2	6,9.3	8	17,18	



TABLE 1

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

## Item 2 - STR Results

ARMFDF - 5844 GlobalFiler™ Express						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
ARQU84 - 5845 GlobalFiler™ Express						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	
		14,25.2	6,9.3	8	17,18	
BAHGV4 - 5844 PowerPlex® Fusion 5C						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	13
	7,13		6,9.3	8	17,18	
CBV9JE - 5844 GlobalFiler™ Express						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
CC4L32 - 5843 PowerPlex® Fusion 6C						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	13
	7,13	14,25.2	6,9.3	8	17,18	
CDCMY9 - 5845 PowerPlex® Fusion						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	13
	7,13		6,9.3	8	17,18	
CLCVTF - 5844 PowerPlex® Fusion 6C						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	13
	7,13	14,25.2	6,9.3	8	17,18	

TABLE 1

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

## Item 2 - STR Results

CNGNME - 5845 PowerPlex® Fusion 5C						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	13
	7,13		6,9.3	8	17,18	
CQKJ4W - 5843 PowerPlex® FUSION 5C						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	13,13
	7,13		6,9.3	8,8	17,18	
CW7D2U - 5844 GlobalFiler™ Express						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
DBAWFZ - 5845 GlobalFiler™ Express						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	
		14,25.2	6,9.3	8	17,18	
DFL3W7 - 5843 PowerPlex® Fusion 5C						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	13,13
	7,13		6,9.3	8,8	17,18	
DWQ8L4 - 5844 PowerPlex® Fusion						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	13
	7,13		6,9.3	8	17,18	
DWR6WZ - 5845 PowerPlex® 5C						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	13
	7,13		6,9.3	8	17,18	

TABLE 1

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

## Item 2 - STR Results

DYC3YW - 5844 GlobalFiler™ express						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
ECDADR - 5845 PowerPlex® Fusion 6C						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	13,13
	7,13	14,25.2	6,9.3	8,8	17,18	
EGCLDX - 5845 GlobalFiler™ Express						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
FMWZGV - 5845 GlobalFiler™ Express						
	15,3,17.3	17,23	11,14	15,16	NT	10,13
2	NT	8,12	10,11	NT	13,14	23,25
	10,11	10,13	NT	15,19	13,14	NT
	29,31.2	16,17	XX	10,12	22,24.2	NT
	NT	14,25.2	6,9.3	8,8	17,18	
FQUJHU - 5843 NGM SElect Express						
	15,3,17.3	17,23	11,14	15,16		
2			10,11		13,14	23,25
		10,13		15,19	13,14	
	29,31.2	16,17	XX		22,24.2	
		14,25.2	6,9.3		17,18	
G6TTZ9 - 5843 GlobalFiler™ Express						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
G8DQ36 - 5844 GlobalFiler™ EXPRESS						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	

TABLE 1

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

## Item 2 - STR Results

GJANF6 - 5843 PowerPlex® Fusion 5C						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X,X	10,12	22,24.2	13,13
	7,13		6,9.3	8,8	17,18	
GKZURN - 5844 GlobalFiler™ Express						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X,X	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
GLEEKY - 5844 PowerPlex® Fusion 5C						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	13
	7,13		6,9.3	8	17,18	
GNJ7AQ - 5843 PowerPlex® Fusion 5C						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X,X	10,12	22,24.2	13,13
	7,13		6,9.3	8,8	17,18	
H2LWRP - 5843 PowerPlex® Fusion (5 dye kit)						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	13
	7,13		6,9.3	8	17,18	
H9N2J9 - 5844 PowerPlex® Fusion 6C						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	13
	7,13	14,25.2	6,9.3	8	17,18	
HF4HD4 - 5843 PowerPlex® Fusion 5C						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X,X	10,12	22,24.2	13,13
	7,13		6,9.3	8,8	17,18	

TABLE 1

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

## Item 2 - STR Results

JC32CU - 5845	GlobalFiler™ Express					
	15,3,17,3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	
		14,25.2	6,9.3	8	17,18	
JLN6EM - 5843	GlobalFiler™ Express PCR Amplification Kit					
	15,3,17,3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
JN92Y7 - 5844	GlobalFiler™ Express					
	15,3,17,3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
JNGVRT - 5845	GlobalFiler™ Express					
	15,3,17,3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	
		14,25.2	6,9.3	8	17,18	
L3PLMX - 5845	GlobalFiler™ Express					
	15,3,17,3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	
		14,25.2	6,9.3	8	17,18	
LMV4TT - 5843	PowerPlex® 21					
	15,3,17,3	17,23		15,16		10,13
2	14,17	8,12	10,11			23,25
	10,11	10,13		15,19	13,14	
	29,31.2		XX	10,12	22,24.2	13,13
	7,13		6,9.3	8,8	17,18	
LQYRCP - 5843	PowerPlex® Fusion 6C					
	15,3,17,3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	13
	7,13	14,25.2	6,9.3	8	17,18	

TABLE 1

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

## Item 2 - STR Results

LR9232 - 5843	GlobalFiler™ Express PCR Amplification Kit					
	15.3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
LZKYAT - 5843	PowerPlex® 5C					
	15.3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	13
	7,13		6,9.3	8	17,18	
M4CM2J - 5845	Investigator® 24plex GO!					
	15.3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	
		14,25.2	6,9.3	8	17,18	
MD44UU - 5843	PowerPlex® Fusion					
	15.3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	13
	7,13		6,9.3	8	17,18	
MX9LZP - 5845	GlobalFiler™ Express					
	15.3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	
		14,25.2	6,9.3	8	17,18	
N3FRVM - 5843	PowerPlex® Fusion 6C					
	15.3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	13
	7,13	14,25.2	6,9.3	8	17,18	
N4D2P6 - 5844	PowerPlex® Fusion 6C					
	15.3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	13
	7,13	14,25.2	6,9.3	8	17,18	

TABLE 1

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

## Item 2 - STR Results

NDHMER - 5843 PowerPlex® Fusion 6C						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	13
	7,13	14,25.2	6,9.3	8	17,18	
NFLT4X - 5844 GlobalFiler™ Express						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
NKFG8J - 5844 PowerPlex® 5C						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	13
	7,13		6,9.3	8	17,18	
NTBGNW - 5844 GlobalFiler™						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
NUMGKR - 5844 PowerPlex® Fusion 5C						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	13
	7,13		6,9.3	8	17,18	
NY2WD4 - 5843 PowerPlex® Fusion 6C						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	13
	7,13	14,25.2	6,9.3	8	17,18	
P6XZR2 - 5844 GlobalFiler™ EXPRESS						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	

TABLE 1

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

## Item 2 - STR Results

P9HVKL - 5843 PowerPlex® Fusion 6C						
	15,3,17,3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	13
	7,13	14,25.2	6,9.3	8	17,18	
PWQ9EQ - 5845 GlobalFiler™ Express						
	15,3,17,3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	
		14,25.2	6,9.3	8	17,18	
Q2EHUG - 5843 GlobalFiler™ Express PCR Amplification Kit						
	15,3,17,3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
Q4KVJV - 5845 PowerPlex® FUSION, PowerPlex ESX17						
	15,3,17,3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	13
	7,13	14,25.2	6,9.3	8	17,18	
Q6ENEE - 5845 PowerPlex® PPF 6C						
	15,3,17,3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	13,13
	7,13	14,25.2	6,9.3	8,8	17,18	
QRABEG - 5843 GlobalFiler™ Express PCR Amplification Kit						
	15,3,17,3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
QUHFXW - 5843 GlobalFiler™ Express PCR Amplification Kit						
	15,3,17,3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	



TABLE 1

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

## Item 2 - STR Results

QVRN2P - 5844 PowerPlex® 5C						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	13
	7,13		6,9.3	8	17,18	
R9CPU2 - 5844 Investigator® 24plex GO!						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	
		14,25.2	6,9.3	8	17,18	
RGHF9X - 5844 GlobalFiler™ Express						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
RGJDT - 5845 PowerPlex® Fusion						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	13
	7,13		6,9.3	8	17,18	
RZGHDG - 5843 PowerPlex® 6C						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	13
	7,13	14,25.2	6,9.3	8	17,18	
T2UDGZ - 5844 Investigator® 24plex GO!						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	
		14,25.2	6,9.3	8	17,18	
T8CQDE - 5843 GlobalFiler™ Express PCR Amplification Kit						
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	

TABLE 1

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

## Item 2 - STR Results

TBWMXX - 5844 GlobalFiler™ Express						
	15.3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X,X	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
TEFN6Q - 5843 PowerPlex® Fusion 5C						
	15.3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X,X	10,12	22,24.2	13,13
	7,13		6,9.3	8,8	17,18	
U2KYKB - 5843 PowerPlex® Fusion 5C						
	15.3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X,X	10,12	22,24.2	13,13
	7,13		6,9.3	8,8	17,18	
UNFKKD - 5843 GlobalFiler™ Express PCR Amplification Kit						
	15.3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X,X	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
UP9RMP - 5843 PowerPlex® Fusion 5C						
	15.3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X,X	10,12	22,24.2	13,13
	7,13		6,9.3	8,8	17,18	
UPU3MJ - 5845 GlobalFiler™ Express						
	15.3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X,X	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
UQRF9Q - 5843 PowerPlex® FUSION Y ESX						
	15.3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X,X	10,12	22,24.2	13,13
	7,13	14,25.2	6,9.3	8,8	17,18	

TABLE 1

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

## Item 2 - STR Results

V3CEAD - 5843	PowerPlex® Fusion					
	15,3,17,3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	13
	7,13		6,9.3	8	17,18	
V7V8PL - 5844	PowerPlex® Fusion					
	15,3,17,3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	13
	7,13		6,9.3	8	17,18	
VE7QMQ - 5843	GlobalFiler™ Express PCR Amplification Kit					
	15,3,17,3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
VMJK3T - 5843	GlobalFiler™ Express PCR Ampilcation Kit					
	15,3,17,3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
VNVJUG - 5845	GlobalFiler™ Express					
	15,3,17,3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	
		14,25.2	6,9.3	8	17,18	
VZ9KVG - 5845	PowerPlex® 5C					
	15,3,17,3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	13
	7,13		6,9.3	8	17,18	
WV9DQ - 5844	GlobalFiler™ EXPRESS					
	15,3,17,3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	

TABLE 1

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

## Item 2 - STR Results

WQFTJ9 - 5843	PowerPlex® Fusion 5C					
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	13,13
	7,13		6,9.3	8,8	17,18	
WQHHPQ - 5843	PowerPlex® FUSION 5C					
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	13,13
	7,13		6,9.3	8,8	17,18	
WT3GTM - 5845	PowerPlex® Fusion					
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	13
	7,13		6,9.3	8	17,18	
X3QKM9 - 5845	PowerPlex® Fusion 6C					
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	13,13
	7,13	14,25.2	6,9.3	8,8	17,18	
X8KENF - 5845	GlobalFiler™ Express					
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
XE2TQL - 5845	GlobalFiler™, GlobalFiler™ Express					
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	
		14,25.2	6,9.3	8	17,18	
Y74KLK - 5843	PowerPlex® Fusion 5C					
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	XX	10,12	22,24.2	13,13
	7,13		6,9.3	8,8	17,18	

TABLE 1

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

## Item 2 - STR Results

YBVUM7 - 5844 GlobalFiler™ Express						
	15.3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X,X	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
YWYVJA - 5843 PowerPlex® Fusion 6C						
	15.3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X,X	10,12	22,24.2	13,13
	7,13	14,25.2	6,9.3	8,8	17,18	
Z96AYD - 5845 PowerPlex® 21						
	15.3,17.3	17,23		15,16		10,13
2	14,17	8,12	10,11			23,25
	10,11	10,13		15,19	13,14	
	29,31.2		X,X	10,12	22,24.2	13,13
	7,13		6,9.3	8,8	17,18	
ZC4GKB - 5845 GlobalFiler™ Express						
	15.3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X,X	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
ZHQAUP - 5843 GlobalFiler™ Express						
	15.3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X,X	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
ZKB8WL - 5844 GlobalFiler™ Express						
	15.3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X,X	10,12	22,24.2	
		14,25.2	6,9.3	8,8	17,18	
ZM8ERK - 5843 PowerPlex® Fusion 5C						
	15.3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X,X	10,12	22,24.2	13,13
	7,13		6,9.3	8,8	17,18	

TABLE 1

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

Item 2 - STR Results

ZQ7VZ9 - 5844	PowerPlex® Fusion 5C					
	15,3,17.3	17,23	11,14	15,16		10,13
2		8,12	10,11		13,14	23,25
	10,11	10,13		15,19	13,14	
	29,31.2	16,17	X	10,12	22,24.2	13
	7,13		6,9.3	8	17,18	

TABLE 1

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

## Item 3 - STR Results

23GM49 - 5843	PowerPlex® Fusion					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
	7,12		6,9.3	11	17	
2T7JWA - 5843	PowerPlex® Fusion 6C					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
	7,12	12,24.2	6,9.3	11	17	
2U4TQR - 5844	PowerPlex® Fusion 6C					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
	7,12	12,24.2	6,9.3	11	17	
2WZTBN - 5844	GlobalFiler™ Express					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
2YDXEK - 5844	GlobalFiler™ EXPRESS					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
32HY3N - 5844	GlobalFiler™ Express					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
33DFEL - 5843	PowerPlex® Fusion 5C					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	10,12
	7,12		6,9.3	11,11	17,17	

TABLE 1

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

## Item 3 - STR Results

36J3UB - 5845	GlobalFiler™					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
389AE8 - 5843	PowerPlex® 6C					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
	7,12	12,24.2	6,9.3	11	17	
3AQHBL - 5844	GlobalFiler™ EXPRESS					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
3CVB6K - 5844	GlobalFiler™ Express					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
3H3PY3 - 5843	PowerPlex® Fusion 5C					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	10,12
	7,12		6,9.3	11,11	17,17	
3XAV2L - 5844	GlobalFiler™ Express					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
46E6WK - 5843	GlobalFiler™ Express					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	



TABLE 1

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

## Item 3 - STR Results

4A9YW8 - 5843	PowerPlex® Fusion 6C					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
	7,12	12,24.2	6,9.3	11	17	
4HH7WG - 5843	PowerPlex® Fusion 5C					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	10,12
	7,12		6,9.3	11,11	17,17	
4MEVB3 - 5845	GlobalFiler™ Express					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	
		12,24.2	6,9.3	11	17	
68Y4ZG - 5844	GlobalFiler™ Express					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
6EHF4A - 5843	GlobalFiler™					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	
		12,24.2	6,9.3	11	17	
6JAMLH - 5843	PowerPlex® Fusion 5C					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	10,12
	7,12		6,9.3	11,11	17,17	
6MAVRE - 5843	PowerPlex® Fusion					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
	7,12		6,9.3	11	17	

TABLE 1

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

## Item 3 - STR Results

6PGB26 - 5843	PowerPlex® Fusion 6C					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
	7,12	12,24.2	6,9.3	11	17	
6PR7FH - 5844	GlobalFiler™ Express					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
6TGLVK - 5844	GlobalFiler™ Express					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
6VK9KH - 5844	GlobalFiler™ Express					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
74RDXK - 5843	GlobalFiler™ Express					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
77CC2G - 5844	GlobalFiler™ Express					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
7EDKT3 - 5843	PowerPlex® Fusion 5C					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	10,12
	7,12		6,9.3	11,11	17,17	

TABLE 1

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

## Item 3 - STR Results

7Q7YW7 - 5845	PowerPlex® 5C					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
	7,12		6,9.3	11	17	
7TRWZ3 - 5844	GlobalFiler™ Express					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
7YXELA - 5844	PowerPlex® 5C					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
	7,12		6,9.3	11	17	
7Z99D4 - 5844	GlobalFiler™ Express					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
8E9HKA - 5843	PowerPlex® Fusion 6C					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
	7,12	12,24.2	6,9.3	11	17	
8FKZ4F - 5843	GlobalFiler™ Express					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
8GU9NZ - 5843	GlobalFiler™ Express PCR Amplification Kit					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	

TABLE 1

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

## Item 3 - STR Results

8LQTXB - 5845	GlobalFiler™ Express					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	
		12,24.2	6,9.3	11	17	
8RDHGY - 5845	GlobalFiler™ EXPRESS					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	
		12,24.2	6,9.3	11	17	
92VQ6E - 5844	GlobalFiler™ Express					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
9AU74Y - 5843	PowerPlex® 5C					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	10,12
	7,12		6,9.3	11,11	17,17	
9KCJK4 - 5845	PowerPlex® Fusion 6C					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
	7,12	12,24.2	6,9.3	11	17	
9NPNW4 - 5843	PowerPlex® 16 Loci ESI					
	12,16	17,18	10,11	15,16		
3			10,14		15,16	19,21
		9,10		14,15	14,14	
	31,32.2	16,16	X,Y		21,25	
			6,9.3		17,17	
9Q24NJ - 5844	Identifiler® Plus					
		17,18		15,16		12,13
3		10,12	10,14			
	13	9,10		14,15	14	
	31,32.2		X,Y	12	21,25	
			6,9.3	11	17	

TABLE 1

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

## Item 3 - STR Results

9R9PVW - 5844	GlobalFiler™ Express					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
9T8NCJ - 5844	PowerPlex® Fusion 6C					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
	7,12	12,24.2	6,9.3	11	17	
9THM9E - 5843	GlobalFiler™ Express PCR Amplification Kit					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
9YBR3H - 5844	PowerPlex® Fusion 6C					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
	7,12	12,24.2	6,9.3	11	17	
A4HFFJ - 5844	Investigator® 24plex					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	
		12,24.2	6,9.3	11	17	
A74EHG - 5844	GlobalFiler™ EXPRESS					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
AP3HBJ - 5844	PowerPlex® Fusion 6C					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
	7,12	12,24.2	6,9.3	11	17	

TABLE 1

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

## Item 3 - STR Results

ARMFDF - 5844	GlobalFiler™ Express					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
ARQU84 - 5845	GlobalFiler™ Express					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	
		12,24.2	6,9.3	11	17	
BAHGV4 - 5844	PowerPlex® Fusion 5C					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
	7,12		6,9.3	11	17	
CBV9JE - 5844	GlobalFiler™ Express					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
CC4L32 - 5843	PowerPlex® Fusion 6C					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
	7,12	12,24.2	6,9.3	11	17	
CDCMY9 - 5845	PowerPlex® Fusion					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
	7,12		6,9.3	11	17	
CLCVTF - 5844	PowerPlex® Fusion 6C					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
	7,12	12,24.2	6,9.3	11	17	

TABLE 1

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

## Item 3 - STR Results

CNGNME - 5845 PowerPlex® Fusion 5C						
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
	7,12		6,9.3	11	17	
CQKJ4W - 5843 PowerPlex® FUSION 5C						
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	10,12
	7,12		6,9.3	11,11	17,17	
CW7D2U - 5844 GlobalFiler™ Express						
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
DBAWFZ - 5845 GlobalFiler™ Express						
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	
		12,24.2	6,9.3	11	17	
DFL3W7 - 5843 PowerPlex® Fusion 5C						
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	10,12
	7,12		6,9.3	11,11	17,17	
DWQ8L4 - 5844 PowerPlex® Fusion						
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
	7,12		6,9.3	11	17	
DWR6WZ - 5845 PowerPlex® 5C						
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
	7,12		6,9.3	11	17	

TABLE 1

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

## Item 3 - STR Results

DYC3YW - 5844 GlobalFiler™ express						
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
ECDADR - 5845 PowerPlex® Fusion 6C						
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	10,12
	7,12	12,24.2	6,9.3	11,11	17,17	
EGCLDX - 5845 GlobalFiler™ Express						
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
FMWZGV - 5845 GlobalFiler™ Express						
	12,16	17,18	10,11	15,16	NT	12,13
3	NT	10,12	10,14	NT	15,16	19,21
	13,13	9,10	NT	14,15	14,14	NT
	31,32.2	16,16	X,Y	12,12	21,25	NT
	NT	12,24.2	6,9.3	11,11	17,17	
FQUJHU - 5843 NGM SElect Express						
	12,16	17,18	10,11	15,16		
3			10,14		15,16	19,21
		9,10		14,15	14,14	
	31,32.2	16,16	X,Y		21,25	
		12,24.2	6,9.3		17,17	
G6TTZ9 - 5843 GlobalFiler™ Express						
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
G8DQ36 - 5844 GlobalFiler™ EXPRESS						
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	



TABLE 1

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

## Item 3 - STR Results

GJANF6 - 5843 PowerPlex® Fusion 5C						
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	10,12
	7,12		6,9.3	11,11	17,17	
GKZURN - 5844 GlobalFiler™ Express						
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
GLEEKY - 5844 PowerPlex® Fusion 5C						
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
	7,12		6,9.3	11	17	
GNJ7AQ - 5843 PowerPlex® Fusion 5C						
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	10,12
	7,12		6,9.3	11,11	17,17	
H2LWRP - 5843 PowerPlex® Fusion (5 dye kit)						
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
	7,12		6,9.3	11	17	
H9N2J9 - 5844 PowerPlex® Fusion 6C						
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
	7,12	12,24.2	6,9.3	11	17	
HF4HD4 - 5843 PowerPlex® Fusion 5C						
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	10,12
	7,12		6,9.3	11,11	17,17	

TABLE 1

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

## Item 3 - STR Results

JC32CU - 5845	GlobalFiler™ Express					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	
		12,24.2	6,9.3	11	17	
JLN6EM - 5843	GlobalFiler™ Express PCR Amplification Kit					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
JN92Y7 - 5844	GlobalFiler™ Express					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
JNGVRT - 5845	GlobalFiler™ Express					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	
		12,24.2	6,9.3	11	17	
L3PLMX - 5845	GlobalFiler™ Express					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	
		12,24.2	6,9.3	11	17	
LMV4TT - 5843	PowerPlex® 21, ForenSeq™					
	12,16	17,18		15,16		12,13
3	12,12	10,12	10,14			19,21
	13,13	9,10		14,15	14,14	
	31,32.2		X,Y	12,12	21,25	10,12
	7,12		6,9.3	11,11	17,17	
LQYRCP - 5843	PowerPlex® Fusion 6C					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
	7,12	12,24.2	6,9.3	11	17	

TABLE 1

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

## Item 3 - STR Results

LR9232 - 5843	GlobalFiler™ Express PCR Amplification Kit					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
LZKYAT - 5843	PowerPlex® 5C					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
	7,12		6,9.3	11	17	
M4CM2J - 5845	Investigator® 24plex GO!					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
		12,24.2	6,9.3	11	17	
MD44UU - 5843	PowerPlex® Fusion					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
	7,12		6,9.3	11	17	
MX9LZP - 5845	GlobalFiler™ Express					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
		12,24.2	6,9.3	11	17	
N3FRVM - 5843	PowerPlex® Fusion 6C					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
	7,12	12,24.2	6,9.3	11	17	
N4D2P6 - 5844	PowerPlex® Fusion 6C					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
	7,12	12,24.2	6,9.3	11	17	

TABLE 1

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

## Item 3 - STR Results

NDHMER - 5843	PowerPlex® Fusion 6C					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
	7,12	12,24.2	6,9.3	11	17	
NFLT4X - 5844	GlobalFiler™ Express					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
NKFG8J - 5844	PowerPlex® 5C					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
	7,12		6,9.3	11	17	
NTBGNW - 5844	GlobalFiler™					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
NUMGKR - 5844	PowerPlex® Fusion 5C					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
	7,12		6,9.3	11	17	
NY2WD4 - 5843	PowerPlex® Fusion 6C					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
	7,12	12,24.2	6,9.3	11	17	
P6XZR2 - 5844	GlobalFiler™ EXPRESS					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	

TABLE 1

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

## Item 3 - STR Results

P9HVKL - 5843 PowerPlex® Fusion 6C						
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
	7,12	12,24.2	6,9.3	11	17	
PWQ9EQ - 5845 GlobalFiler™ Express						
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	
		12,24.2	6,9.3	11	17	
Q2EHUG - 5843 GlobalFiler™ Express PCR Amplification Kit						
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
Q4KVJV - 5845 PowerPlex® FUSION, PowerPlex ESX17						
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
	7,12	12,24.2	6,9.3	11	17	
Q6ENEE - 5845 PowerPlex® PPF 6C						
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	10,12
	7,12	12,24.2	6,9.3	11,11	17,17	
QRABEG - 5843 GlobalFiler™ Express PCR Amplification Kit						
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
QUHFXW - 5843 GlobalFiler™ Express PCR Amplification Kit						
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	

TABLE 1

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

## Item 3 - STR Results

QVRN2P - 5844 PowerPlex® 5C						
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
	7,12		6,9.3	11	17	
R9CPU2 - 5844 Investigator® 24plex GO!						
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	
		12,24.2	6,9.3	11	17	
RGHF9X - 5844 GlobalFiler™ Express						
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
RGJDT - 5845 PowerPlex® Fusion						
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
	7,12		6,9.3	11	17	
RZGHDG - 5843 PowerPlex® 5C						
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
	7,12		6,9.3	11	17	
T2UDGZ - 5844 Investigator® 24plex GO!						
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	
		12,24.2	6,9.3	11	17	
T8CQDE - 5843 GlobalFiler™ Express PCR Amplification Kit						
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	

TABLE 1

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

## Item 3 - STR Results

TBWMXX - 5844 GlobalFiler™ Express						
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
TEFN6Q - 5843 PowerPlex® Fusion 5C						
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	10,12
	7,12		6,9.3	11,11	17,17	
U2KYKB - 5843 PowerPlex® Fusion 5C						
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	10,12
	7,12		6,9.3	11,11	17,17	
UNFKKD - 5843 GlobalFiler™ Express PCR Amplification Kit						
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
UP9RMP - 5843 PowerPlex® Fusion 5C						
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	10,12
	7,12		6,9.3	11,11	17,17	
UPU3MJ - 5845 GlobalFiler™ Express						
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
UQRF9Q - 5843 PowerPlex® FUSION Y ESX						
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,10		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	10,12
	7,12	12,24.2	6,9.3	11,11	17,17	

TABLE 1

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

## Item 3 - STR Results

V3CEAD - 5843	PowerPlex® Fusion					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
	7,12		6,9.3	11	17	
V7V8PL - 5844	PowerPlex® Fusion					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
	7,12		6,9.3	11	17	
VE7QMQ - 5843	GlobalFiler™ Express PCR Amplification Kit					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
VMJK3T - 5843	GlobalFiler™ Express PCR Amplification Kit					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
VNVJUG - 5845	GlobalFiler™ Express					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	
		12,24.2	6,9.3	11	17	
VZ9KVG - 5845	PowerPlex® 5C					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
	7,12		6,9.3	11	17	
WV9DQ - 5844	GlobalFiler™ EXPRESS					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	



TABLE 1

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

## Item 3 - STR Results

WQFTJ9 - 5843	PowerPlex® Fusion 5C					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	10,12
	7,12		6,9.3	11,11	17,17	
WQHHPQ - 5843	PowerPlex® FUSION 5C					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	10,12
	7,12		6,9.3	11,11	17,17	
WT3GTM - 5845	PowerPlex® Fusion					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
	7,12		6,9.3	11	17	
X3QKM9 - 5845	PowerPlex® Fusion 6C					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	10,12
	7,12	12,24.2	6,9.3	11,11	17,17	
X8KENF - 5845	GlobalFiler™ Express					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
XE2TQL - 5845	GlobalFiler™, GlobalFiler™ Express					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	
		12,24.2	6,9.3	11	17	
Y74KLK - 5843	PowerPlex® Fusion 5C					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	10,12
	7,12		6,9.3	11,11	17,17	

TABLE 1

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

## Item 3 - STR Results

YBVUM7 - 5844	GlobalFiler™ Express					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
YWYVJA - 5843	PowerPlex® Fusion 6C					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	10,12
	7,12	12,24.2	6,9.3	11,11	17,17	
Z96AYD - 5845	PowerPlex® 21					
	12,16	17,18		15,16		12,13
3	12,12	10,12	10,14			19,21
	13,13	9,10		14,15	14,14	
	31,32.2		X,Y	12,12	21,25	10,12
	7,12		6,9.3	11,11	17,17	
ZC4GKB - 5845	GlobalFiler™ Express					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
ZHQAUP - 5843	GlobalFiler™ Express					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
ZKB8WL - 5844	GlobalFiler™ Express					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	
		12,24.2	6,9.3	11,11	17,17	
ZM8ERK - 5843	PowerPlex® Fusion 5C					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13,13	9,10		14,15	14,14	
	31,32.2	16,16	X,Y	12,12	21,25	10,12
	7,12		6,9.3	11,11	17,17	

TABLE 1

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

Item 3 - STR Results

ZQ7VZ9 - 5844	PowerPlex® Fusion 5C					
	12,16	17,18	10,11	15,16		12,13
3		10,12	10,14		15,16	19,21
	13	9,10		14,15	14	
	31,32.2	16	X,Y	12	21,25	10,12
	7,12		6,9.3	11	17	

# YSTR Amplification Kit(s) & Results

TABLE 2

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

## Item 1 - YSTR Results

23GM49-5843	PowerPlex® Y Y23									
1	14	11,14	13	30	24	11	13	12	15	
	12	12	19	15	16		22			
	12	12	19	18			23	9	12	
2T7JWA-5843	PowerPlex® Fusion 6C									
1						11				
			19	18						
2U4TQR-5844	Yfiler®, PowerPlex® Fusion 6C									
1	14	11,14	13	30	24	11	13	12	15	
	12	12	19	15	16					
			19	18			23		12	
2WTZBN-5844	GlobalFiler™									
1						11				
2YDXEK-5844	GlobalFiler™									
1						11				
										2
32HY3N-5844	GlobalFiler™									
1						11				
33DFEL-5843	PowerPlex® Y 23, PowerPlex® Fusion 5C									
1	14	11,14	13	30	24	11	13	12	15	
	12	12	19	15	16		22			
	12	12	19	18			23	9	12	
36J3UB-5845	PowerPlex® Y 23									
1	14	11,14	13	30	24	11	13	12	15	
	12	12	19	15	16		22			
	12	12	19	18			23	9	12	2
389AE8-5843	PowerPlex® Y 23									
1	14	11,14	13	30	24	11	13	12	15	
	12	12	19	15	16		22			
	12	12	19	18			23	9	12	
3AQHBL-5844	GlobalFiler™									
1						11				
										2
3CVB6K-5844	GlobalFiler™									
1						11				
										2

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	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 1 - YSTR Results

3H3PY3-5843	PowerPlex® Fusion 5c									
1	11									
3XAV2L-5844	GlobalFiler™									
1	11									
	2									
4A9YW8-5843	PowerPlex® Y 23, PowerPlex® Fusion 6C									
1	14	11,14	13	30	24	11	13	12	15	
	12	12	19	15	16		22			
	12	12	19	18			23	9	12	
4HH7WG-5843	PowerPlex® Fusion 5C									
1	11									
4MEVB3-5845	GlobalFiler™									
1	11									
	2									
68Y4ZG-5844	GlobalFiler™									
1	11									
	2									
6EHF4A-5843	GlobalFiler™									
1	11									
	2									
6JAMLH-5843	PowerPlex® Y 23, PowerPlex® Fusion 5C									
1	14	11,14	13	30	24	11	13	12	15	
	12	12	19	15	16		22			
	12	12	19	18			23	9	12	
6MAVRE-5843	Yfiler®, PowerPlex® Fusion									
1	14	11,14	13	30	24	11	13	12	15	
	12	12	19	15	16					
							23		12	
6PGB26-5843										
1	11									
	19 18									
6PR7FH-5844	GlobalFiler™									
1	11									
	2									

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	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 1 - YSTR Results

6TGLVK-5844	GlobalFiler™									
1	11									
6VK9KH-5844	GlobalFiler™									
1	11									
	2									
77CC2G-5844	GlobalFiler™									
1	11									
	2									
7EDKT3-5843	PowerPlex® Fusion 5C									
1	11									
7Q7YW7-5845	PowerPlex® Fusion									
1	11									
7TRWZ3-5844	GlobalFiler™									
1	11									
	2									
7YXELA-5844	PowerPlex® Fusion 5C									
1	11									
7Z99D4-5844	GlobalFiler™									
1	11									
	2									
8E9HKA-5843										
1	11									
	19 18									
8FKZ4F-5843	Yfiler® Plus									
1	35,35	14	11,14	13	30	24	11	13	12	15
	12	12	19	32	15	16	11	22		40
		12		19	18		21	23		12 2
8GU9NZ-5843	Yfiler® Plus PCR Amplification Kit									
1	35,35	14	11,14	13	30	24	11	13	12	15
	12	12	19	32	15	16	11	22		40
		12		19	18		21	23		12 2

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	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 1 - YSTR Results

8LQTXB-5845										
1	11									
2										
8RDHGY-5845	GlobalFiler™									
1	11									
2										
92VQ6E-5844	GlobalFiler™									
1	11									
2										
9AU74Y-5843	PowerPlex® Fusion 5C									
1	11									
2										
9KCJK4-5845	PowerPlex® Fusion 6C									
1	11									
2										
9NPNW4-5843	PowerPlex® Y 23									
1	14	11,14	13	30	24	11	13	12	15	
	12	12	19	15	16		22			
	12	12	19	18			23	9	12	
9Q24NJ-5844	Yfiler®									
1	14	11,14	13	30	24	11	13	12	15	
	12	12	19	15	16					
							23		12	
9R9PVW-5844	GlobalFiler™									
1	11									
2										
9T8NCJ-5844	PowerPlex® Fusion 6C									
1	11									
2										
9THM9E-5843	Yfiler® Plus PCR Amplification Kit									
1	35,35	14	11,14	13	30	24	11	13	12	15
	12	12	19	32	15	16	11	22		40
		12		19	18		21	23		12
										2
9YBR3H-5844	PowerPlex® Fusion 6C									
1	11									
2										
				19	18					

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	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 1 - YSTR Results

A4HFFJ-5844										
1	[Redacted]									
A74EHG-5844	GlobalFiler™									
1	[Redacted]									
										2
AP3HBJ-5844	PowerPlex® Fusion 6C									
1	[Redacted]									
				19	18					
ARMFDF-5844	GlobalFiler™									
1	[Redacted]									
										2
ARQU84-5845	GlobalFiler™									
1	[Redacted]									
										2
BAHGV4-5844	PowerPlex® Fusion 5C									
1	[Redacted]									
CBV9JE-5844	GlobalFiler™									
1	[Redacted]									
CC4L32-5843	PowerPlex® Fusion Fusion 6C									
1	[Redacted]									
				19	18					
CDCMY9-5845	Yfiler®, PowerPlex® Fusion 5C									
1	[Redacted]									
		14	11,14	13	30	24	11	13	12	15
		12	12	19	15	16				
								23		12
CLCVTF-5844	PowerPlex® Fusion Fusion 6C									
1	[Redacted]									
				19	18					
CNGNME-5845	PowerPlex® Fusion 5C									
1	[Redacted]									



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	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 1 - YSTR Results

CQKJ4W-5843	PowerPlex® Fusion 5C									
1	11									
CW7D2U-5844	GlobalFiler™									
1	11									
	2									
DBAWFZ-5845	GlobalFiler™									
1	11									
	2									
DFL3W7-5843	PowerPlex® Fusion 5C									
1	11									
DWQ8L4-5844	Yfiler®, PowerPlex® Fusion									
1	14	11,14	13	30	24	11	13	12	15	
	12	12	19	15	16					
							23		12	
DWR6WZ-5845										
1	11									
DYC3YW-5844	GlobalFiler™									
1	11									
	2									
ECDADR-5845	PowerPlex® Fusion 6C									
1	11									
	19 18									
EGCLDX-5845	PowerPlex® Y 23, GlobalFiler™									
1	14	11,14	13	30	24	11	13	12	15	
	12	12	19	15	16		22			
	12	12	19	18			23	9	12	2
FMWZGV-5845	PowerPlex® Y 23, GlobalFiler™									
1	NT	14	11,14	13	30	24	11	13	12	15
	12	12	19	NT	15	16	NT	22	NT	NT
	NT	12	12	19	18	NT	NT	23	9	12 2
G8DQ36-5844	GlobalFiler™									
1	11									
	2									

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	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 1 - YSTR Results

GJANF6-5843	PowerPlex® Fusion 5C									
1	11									
<hr/>										
GKZURN-5844	GlobalFiler™									
1	11									
<hr/>										
GLEEKY-5844	PowerPlex® Fusion 5C									
1	11									
<hr/>										
GNJ7AQ-5843	PowerPlex® Fusion 5C									
1	11									
<hr/>										
H2LWRP-5843	PowerPlex® Y 23									
1	14	11,14	13	30	24	11	13	12	15	
	12	12	19	15	16		22			
	12	12	19	18			23	9	12	
<hr/>										
H9N2J9-5844										
1	11									
			19	18						
<hr/>										
HF4HD4-5843	PowerPlex® Fusion 5C									
1	11									
<hr/>										
JC32CU-5845	GlobalFiler™									
1	11									
<hr/>										
JLN6EM-5843	Yfiler® Plus PCR Amplificatio n Kit									
1	35,35	14	11,14	13	30	24	11	13	12	15
	12	12	19	32	15	16	11	22		40
		12		19	18		21	23		12
										2
<hr/>										
JN92Y7-5844	GlobalFiler™									
1	11									
<hr/>										
JNGVRT-5845	GlobalFiler™									
1	11									
<hr/>										
<hr/>										

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	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 1 - YSTR Results

L3PLMX-5845										
1	11									
2										
LQYRCP-5843										
1	11									
19 18										
L9232-5843	Yfiler® Plus PCR Amplification Kit									
1	35,35	14	11,14	13	30	24	11	13	12	15
	12	12	19	32	15	16	11	22		40
		12		19	18		21	23		12 2
LZKYAT-5843	PowerPlex® Fusion 5C									
1	11									
M4CM2J-5845	Investigator® 24plex GO!									
1	11									
MD44UU-5843	Yfiler®, PowerPlex® Fusion									
1		14	11,14	13	30	24	11	13	12	15
	12	12	19		15	16				
								23		12
MX9LZP-5845	GlobalFiler™									
1	11									
2										
N3FRVM-5843										
1	11									
19 18										
N4D2P6-5844	PowerPlex® Fusion 6C									
1	11									
19 18										
NDHMER-5843	PowerPlex® Fusion 6C									
1	11									
19 18										
NFLT4X-5844	GlobalFiler™									
1	11									
2										

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	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 1 - YSTR Results

NKFG8J-5844	PowerPlex® Fusion 5C									
1	11									
[Redacted]										
NTBGNW-5844	Yfiler® plus									
1	35	14	11,14	13	30	24	11	13	12	15
	12	12	19	32	15	16	11	22		40
		12		19	18		21	23		12 2
NUMGKR-5844	PowerPlex® Fusion 5C									
1	11									
[Redacted]										
NY2WD4-5843	PowerPlex® Y 23, PowerPlex® Fusion 6C									
1		14	11,14	13	30	24	11	13	12	15
		12	12	19		15	16		22	
		12	12	19	18			23	9	12
P6XZR2-5844	GlobalFiler™									
1	11									
[Redacted]										
	2									
P9HVKL-5843										
1	11									
[Redacted]										
	19 18									
PWQ9EQ-5845										
1	11									
[Redacted]										
	2									
Q2EHUG-5843	Yfiler® Plus PCR Amplification Kit									
1	35,35	14	11,14	13	30	24	11	13	12	15
	12	12	19	32	15	16	11	22		40
		12		19	18		21	23		12 2
Q4KVJV-5845	PowerPlex® Y 23									
1		14	11,14	13	30	24	11	13	12	15
		12	12	19		15	16		22	
		12	12	19	18			23	9	12
Q6ENEE-5845	PowerPlex® Fusion PPF 6C									
1	11									
[Redacted]										
	19 18									
QRABEG-5843	Yfiler® Plus PCR Amplification Kit									
1	35,35	14	11,14	13	30	24	11	13	12	15
	12	12	19	32	15	16	11	22		40
		12		19	18		21	23		12 2

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	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 1 - YSTR Results

QUHFXW-5843	Yfiler® Plus PCR Amplification kit									
1	35,35	14	11,14	13	30	24	11	13	12	15
	12	12	19	32	15	16	11	22		40
		12		19	18		21	23		12
										2
QVRN2P-5844	PowerPlex® Fusion 5C									
1							11			
R9CPU2-5844										
1							11			
RGHF9X-5844	GlobalFiler™									
1							11			
										2
RGJDJT-5845	Yfiler®, PowerPlex® Fusion 5C									
1		14	11,14	13	30	24	11	13	12	15
	12	12	19		15	16				
								23		12
RZGHGDG-5843	PowerPlex® Y 23, PowerPlex® Fusion 5C									
1		14	11,14	13	30	24	11	13	12	15
	12	12	19		15	16		22		
		12	12	19	18			23	9	12
T2UDGZ-5844										
1							11			
T8CQDE-5843	Yfiler® Plus PCR Amplification Kit									
1	35,35	14	11,14	13	30	24	11	13	12	15
	12	12	19	32	15	16	11	22		40
		12		19	18		21	23		12
										2
TBWMXX-5844	GlobalFiler™									
1							11			
										2
TEFN6Q-5843	PowerPlex® Fusion 5C									
1							11			
U2KYKB-5843	PowerPlex® Fusion 5C									
1							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	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 1 - YSTR Results

UNFKKD-5843	Yfiler® Plus PCR Amplification Kit									
1	35,35	14	11,14	13	30	24	11	13	12	15
	12	12	19	32	15	16	11	22		40
		12		19	18		21	23		12 2
UP9RMP-5843	PowerPlex® Fusion 5C									
1							11			
UPU3MJ-5845	PowerPlex® Y 23									
1		14	11,14	13	30	24	11	13	12	15
	12	12	19		15	16		22		
		12	12	19	18			23	9	12 2
UQRF9Q-5843	PowerPlex® Y 23									
1		14	11,14	13	30	24	11	13	12	15
	12	12	19		15	16		22		
		12	12	19	18			23	9	12
V3CEAD-5843	PowerPlex® Y 23									
1		14	11,14	13	30	24	11	13	12	15
	12	12	19		15	16		22		
		12	12	19	18			23	9	12
V7V8PL-5844	Yfiler®, PowerPlex® Fusion									
1		14	11,14	13	30	24	11	13	12	15
	12	12	19		15	16				
								23		12
VE7QMQ-5843	Yfiler® Plus PCR Amplification Kit									
1	35,35	14	11,14	13	30	24	11	13	12	15
	12	12	19	32	15	16	11	22		40
		12		19	18		21	23		12 2
VMJK3T-5843	Yfiler® Plus PCR Amplification Kit									
1	35,35	14	11,14	13	30	24	11	13	12	15
	12	12	19	32	15	16	11	22		40
		12		19	18		21	23		12 2
VNVJUG-5845	GlobalFiler™									
1							11			
VZ9KVG-5845	PowerPlex® Fusion 5C									
1							11			
WV9DQ-5844	GlobalFiler™									
1							11			
										2

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	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 1 - YSTR Results

WQFTJ9-5843	PowerPlex® Fusion 5C									
1	11									
WQHHPQ-5843	PowerPlex® Fusion 5C									
1	11									
WT3GTM-5845	Yfiler®, PowerPlex® Fusion 5C									
1	14	11,14	13	30	24	11	13	12	15	
	12	12	19	15	16					
							23		12	
X3QKM9-5845	PowerPlex® Fusion 6C									
1	11									
			19	18						
X8KENF-5845	PowerPlex® Y 23									
1	14	11,14	13	30	24	11	13	12	15	
	12	12	19	15	16		22			
	12	12	19	18			23	9	12	2
XE2TQL-5845										
1	11									
										2
Y74KLK-5843	PowerPlex® Fusion 5C									
1	11									
YBVUM7-5844	GlobalFiler™									
1	11									
										2
YWYVJA-5843	PowerPlex® Y 23, PowerPlex® Fusion 6C									
1	14	11,14	13	30	24	11	13	12	15	
	12	12	19	15	16		22			
	12	12	19	18			23	9	12	
ZC4GKB-5845	PowerPlex® Y 23, GlobalFiler™									
1	14	11,14	13	30	24	11	13	12	15	
	12	12	19	15	16		22			
	12	12	19	18			23	9	12	2
ZKB8WL-5844	GlobalFiler™									
1	11									
										2

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	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 1 - YSTR Results

ZM8ERK-5843 PowerPlex® Fusion 5C

1

11



ZQ7VZ9-5844 PowerPlex® Fusion 5C

1

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	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 2 - YSTR Results

23GM49-5843	PowerPlex® Y Y23									
2	[REDACTED]									
2U4TQR-5844	Yfiler®, PowerPlex® Fusion 6C									
2	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
			NR	NR				NR		NR
2WtzBN-5844	GlobalFiler™									
2	[REDACTED]									
2YDXEK-5844	GlobalFiler™									
2	[REDACTED]									
32HY3N-5844	GlobalFiler™									
2	[REDACTED]									
33DFEL-5843	PowerPlex® Y 23, PowerPlex® Fusion 5C									
2	[REDACTED]									
36J3UB-5845	PowerPlex® Y 23									
2	[REDACTED]									
3CVB6K-5844	GlobalFiler™									
2	[REDACTED]									
3XAV2L-5844	GlobalFiler™									
2	[REDACTED]									
46E6WK-5843	GlobalFiler™									
2	[REDACTED]									
4HH7WG-5843	PowerPlex® Fusion 5C									
2	[REDACTED]									

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	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 2 - YSTR Results

68Y4ZG-5844	GlobalFiler™	[REDACTED]										
6JAMLH-5843	PowerPlex® Y 23, PowerPlex® Fusion 5C	[REDACTED]										
6PR7FH-5844	GlobalFiler™	[REDACTED]										
6VK9KH-5844	GlobalFiler™	[REDACTED]										
77CC2G-5844	GlobalFiler™	[REDACTED]										
7EDKT3-5843	PowerPlex® Fusion 5C	[REDACTED]										NR
7TRWZ3-5844	GlobalFiler™	[REDACTED]										
7YXELA-5844	PowerPlex® Fusion 5C	[REDACTED]										
7Z99D4-5844	GlobalFiler™	[REDACTED]										
92VQ6E-5844	GlobalFiler™	[REDACTED]										
9AU74Y-5843	PowerPlex® Fusion 5C	[REDACTED]										

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	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 2 - YSTR Results

9KCJK4-5845	PowerPlex® Fusion 6C										
2		no results									
		no results no results									
9NPNW4-5843	PowerPlex® Y 23										
2											
9Q24NJ-5844	Yfiler®										
2											
9R9PVW-5844	GlobalFiler™										
2											
9T8NCJ-5844	PowerPlex® Fusion 6C										
2		NR									
		NR NR									
9YBR3H-5844											
2		NR									
		NR NR									
A74EHG-5844	GlobalFiler™										
2											
AP3HBJ-5844	PowerPlex® Fusion 6C										
2		NR									
		NR NR									
ARMFDF-5844	GlobalFiler™										
2											
ARQU84-5845	GlobalFiler™										
2											
CDCMY9-5845	Yfiler®, PowerPlex® Fusion 5C										
2		NR	NR,NR	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR					
		NR NR									

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	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 2 - YSTR Results

CLCVTF-5844											
2	NR										
				NR	NR						
CNGNME-5845	PowerPlex® Fusion 5C										
2											
CQKJ4W-5843	PowerPlex® Fusion 5C										
2											
CW7D2U-5844	GlobalFiler™										
2											
DFL3W7-5843	PowerPlex® Fusion 5C										
2											
DYC3YW-5844	GlobalFiler™										
2											
ECDADR-5845	PowerPlex® Fusion 6C										
2											
EGCLDX-5845	PowerPlex® Y 23, GlobalFiler™										
2											
FMWZGV-5845	PowerPlex® Y 23, GlobalFiler™										
2	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ND	ND	ND	NT	ND	ND	NT	ND	NT	NT	
	NT	ND	ND	ND	ND	NT	NT	ND	ND	ND	ND
G8DQ36-5844	GlobalFiler™										
2											
GJANF6-5843	PowerPlex® Fusion 5C										
2											

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	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 2 - YSTR Results

GKZURN-5844	GlobalFiler™										
2											
GLEEKY-5844	PowerPlex® Fusion 5C										
2											
GNJ7AQ-5843	PowerPlex® Fusion 5C							NR			
2											
H2LWRP-5843	PowerPlex® Y 23										
2											
H9N2J9-5844								NR			
2						NR	NR				
HF4HD4-5843	PowerPlex® Fusion 5C										
2											
JC32CU-5845	GlobalFiler™										
2											
JN92Y7-5844	GlobalFiler™										
2											
MX9LZP-5845	GlobalFiler™										
2											
N4D2P6-5844	PowerPlex® Fusion 6C							NR			
2											
						NR	NR				
NFLT4X-5844	GlobalFiler™										
2											

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	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 2 - YSTR Results

NKFG8J-5844	PowerPlex® Fusion 5C									
2	[REDACTED]									
NUMGKR-5844	PowerPlex® Fusion 5C									
2	[REDACTED]									
P6XZR2-5844	GlobalFiler™									
2	[REDACTED]									
Q6ENEE-5845	PowerPlex® Fusion PPF 6C									
2	[REDACTED]									
RGHF9X-5844	GlobalFiler™									
2	[REDACTED]									
RGJDJT-5845	Yfiler®, PowerPlex® Fusion 5C									
2	NR	NR,NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR					
								NR		NR
TBWMXX-5844	GlobalFiler™									
2	[REDACTED]									
TEFN6Q-5843	PowerPlex® Fusion 5C									
2	[REDACTED]									
U2KYKB-5843	PowerPlex® Fusion 5C									
2	[REDACTED]									
UPU3MJ-5845	PowerPlex® Y 23									
2	[REDACTED]									
	ND									
V3CEAD-5843	PowerPlex® Y 23									
2	[REDACTED]									

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	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 2 - YSTR Results

VZ9KVG-5845	PowerPlex® Fusion 5C									
2	No Results									
WFV9DQ-5844	GlobalFiler™									
2										
WQFTJ9-5843	PowerPlex® Fusion 5C									
2										
WQHHPQ-5843	PowerPlex® Fusion 5C									
2										
WT3GTM-5845	Yfiler®, PowerPlex® Fusion 5C									
2	NR	NR, NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR					
								NR		NR
X3QKM9-5845	PowerPlex® Fusion 6C									
2										
X8KENF-5845	PowerPlex® Y 23									
2										
Y74KLK-5843	PowerPlex® Fusion 5C									
2										
YBVUM7-5844	GlobalFiler™									
2										
YWYVJA-5843	PowerPlex® Fusion 6C									
2										
ZC4GKB-5845	PowerPlex® Y 23, GlobalFiler™									
2										

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	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 2 - YSTR Results

ZKB8WL-5844 GlobalFiler™

2



ZM8ERK-5843 PowerPlex® Fusion 5C

2



ZQ7VZ9-5844 PowerPlex® Fusion 5C

2





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	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 3 - YSTR Results

23GM49-5843	PowerPlex® Y Y23									
3	15	13,14	12	28	22	10	11	13	16	
	10	11	20	14	15		25			
	11	12	21	16			21	12	11	
2T7JWA-5843	PowerPlex® Fusion 6C									
3						10				
			21	16						
2U4TQR-5844	Yfiler®, PowerPlex® Fusion 6C									
3	15	13,14	12	28	22	10	11	13	16	
	10	11	20	14	15					
			21	16			21		11	
2WTZBN-5844	GlobalFiler™									
3						10				
2YDXEK-5844	GlobalFiler™									
3						10				
										2
32HY3N-5844	GlobalFiler™									
3						10				
33DFEL-5843	PowerPlex® Y 23, PowerPlex® Fusion 5C									
3	15	13,14	12	28	22	10	11	13	16	
	10	11	20	14	15		25			
	11	12	21	16			21	12	11	
36J3UB-5845	PowerPlex® Y 23									
3	15	13,14	12	28	22	10	11	13	16	
	10	11	20	14	15		25			
	11	12	21	16			21	12	11	2
389AE8-5843	PowerPlex® Y 23									
3	15	13,14	12	28	22	10	11	13	16	
	10	11	20	14	15		25			
	11	12	21	16			21	12	11	
3AQHBL-5844	GlobalFiler™									
3						10				
										2
3CVB6K-5844	GlobalFiler™									
3						10				
										2

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	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 3 - YSTR Results

3H3PY3-5843	PowerPlex® Fusion 5C									
3							10			
<hr/>										
3XAV2L-5844	GlobalFiler™									
3							10			
<hr/>										
46E6WK-5843	GlobalFiler™									
3							10			
<hr/>										
4A9YW8-5843	PowerPlex® Y 23, PowerPlex® Fusion 6C									
3	15	13,14	12	28	22	10	11	13	16	
	10	11	20	14	15		25			
	11	12	21	16			21	12	11	
<hr/>										
4HH7WG-5843	PowerPlex® Fusion 5C									
3							10			
<hr/>										
4MEVB3-5845	GlobalFiler™									
3							10			
<hr/>										
68Y4ZG-5844	GlobalFiler™									
3							10			
<hr/>										
6EHF4A-5843	GlobalFiler™									
3							10			
<hr/>										
6JAMLH-5843	PowerPlex® Y 23, PowerPlex® Fusion 5C									
3	15	13,14	12	28	22	10	11	13	16	
	10	11	20	14	15		25			
	11	12	21	16			21	12	11	
<hr/>										
6MAVRE-5843	Yfiler®, PowerPlex® Fusion									
3	15	13,14	12	28	22	10	11	13	16	
	10	11	20	14	15					
							21		11	
<hr/>										
6PGB26-5843										
3							10			
<hr/>										
			21	16						

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	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 3 - YSTR Results

6PR7FH-5844	GlobalFiler™	3					10				
											2
6TGLVK-5844	GlobalFiler™	3					10				
6VK9KH-5844	GlobalFiler™	3					10				
											2
74RDXK-5843	GlobalFiler™	3					10				
77CC2G-5844	GlobalFiler™	3					10				
											2
7EDKT3-5843	PowerPlex® Fusion 5C	3					10				
7Q7YW7-5845	PowerPlex® Fusion	3					10				
7TRWZ3-5844	GlobalFiler™	3					10				
											2
7YXELA-5844	PowerPlex® Fusion 5C	3					10				
7Z99D4-5844	GlobalFiler™	3					10				
											2
8E9HKA-5843		3					10				
			21	16							

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	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 3 - YSTR Results

8FKZ4F-5843	Yfiler® Plus										
3	37,37	15	13,14	12	28	22	10	11	13	16	
	10	11	20	29	14	15	9	25	40		
		11		21	16		19	21	11	2	
8GU9NZ-5843	Yfiler® Plus PCR Amplification Kit										
3	37,37	15	13,14	12	28	22	10	11	13	16	
	10	11	20	29	14	15	9	25	40		
		11		21	16		19	21	11	2	
8LQTXB-5845											
3							10				
											2
8RDHGY-5845	GlobalFiler™										
3							10				
											2
92VQ6E-5844	GlobalFiler™										
3							10				
											2
9AU74Y-5843	PowerPlex® Fusion 5C										
3							10				
9KCJK4-5845	PowerPlex® Fusion 6C										
3							10				
				21	16						
9NPNW4-5843	PowerPlex® Y 23										
3		15	13,14	12	28	22	10	11	13	16	
	10	11	20		14	15		25			
		11	12	21	16			21	12	11	
9Q24NJ-5844	Yfiler®										
3		15	13,14	12	28	22	10	11	13	16	
	10	11	20		14	15					
								21		11	
9R9PVW-5844	GlobalFiler™										
3							10				
											2
9T8NCJ-5844	PowerPlex® Fusion 6C										
3							10				
				21	16						

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	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 3 - YSTR Results

9THM9E-5843	Yfiler® Plus PCR Amplification Kit									
3	37,37	15	13,14	12	28	22	10	11	13	16
	10	11	20	29	14	15	9	25		40
		11		21	16		19	21		11
										2
9YBR3H-5844	PowerPlex® Fusion 6C									
3							10			
				21	16					
A4HFFJ-5844										
3							10			
A74EHG-5844	GlobalFiler™									
3							10			
										2
AP3HBJ-5844	PowerPlex® Fusion 6C									
3							10			
				21	16					
ARMFDF-5844	GlobalFiler™									
3							10			
										2
ARQU84-5845	GlobalFiler™									
3							10			
										2
BAHGV4-5844	PowerPlex® Fusion 5C									
3							10			
CBV9JE-5844	GlobalFiler™									
3							10			
CC4L32-5843	PowerPlex® Fusion Fusion 6C									
3							10			
				21	16					
CDCMY9-5845	Yfiler®, PowerPlex® Fusion 5C									
3		15	13,14	12	28	22	10	11	13	16
	10	11	20		14	15				
								21		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	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 3 - YSTR Results

CLCVTF-5844	PowerPlex® Fusion Fusion 6C									
3	10									
	21 16									
CNGNME-5845	PowerPlex® Fusion 5C									
3	10									
CQKJ4W-5843	PowerPlex® Fusion 5C									
3	10									
CW7D2U-5844	GlobalFiler™									
3	10									
	2									
DBAWFZ-5845	GlobalFiler™									
3	10									
	2									
DFL3W7-5843	PowerPlex® Fusion 5C									
3	10									
DWQ8L4-5844	Yfiler®, PowerPlex® Fusion									
3	15	13,14	12	28	22	10	11	13	16	
	10	11	20	14	15		21	11		
DWR6WZ-5845										
3	10									
DYC3YW-5844	GlobalFiler™									
3	10									
	2									
ECDADR-5845	PowerPlex® Fusion 6C									
3	10									
	21 16									
EGCLDX-5845	PowerPlex® Y 23, GlobalFiler™									
3	15	13,14	12	28	22	10	11	13	16	
	10	11	20	14	15		25			
	11	12	21	16			21	12	11	2

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	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 3 - YSTR Results

FMWZGV-5845	PowerPlex® Y 23, GlobalFiler™									
3	NT	15	13,14	12	28	22	10	11	13	16
	10	11	20	NT	14	15	NT	25	NT	NT
	NT	11	12	21	16	NT	NT	21	12	11
G6TTZ9-5843	GlobalFiler™									
3							10			
G8DQ36-5844	GlobalFiler™									
3							10			
GJANF6-5843	PowerPlex® Fusion 5C									
3							10			
GKZURN-5844	GlobalFiler™									
3							10			
GLEEKY-5844	PowerPlex® Fusion 5C									
3							10			
GNJ7AQ-5843	PowerPlex® Fusion 5C									
3							10			
H2LWRP-5843	PowerPlex® Y 23									
3		15	13,14	12	28	22	10	11	13	16
	10	11	20		14	15		25		
		11	12	21	16			21	12	11
H9N2J9-5844										
3							10			
				21	16					
HF4HD4-5843	PowerPlex® Fusion 5C									
3							10			
JC32CU-5845	GlobalFiler™									
3							10			

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	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 3 - YSTR Results

JLN6EM-5843	Yfiler® Plus PCR Amplification Kit									
3	37,37	15	13,14	12	28	22	10	11	13	16
	10	11	20	29	14	15	9	25	40	
		11		21	16		19	21	11	2
JN92Y7-5844	GlobalFiler™									
3							10			
										2
JNGVRT-5845	GlobalFiler™									
3							10			
										2
L3PLMX-5845										
3							10			
										2
LQYRCP-5843										
3							10			
				21	16					
LR9232-5843	Yfiler® Plus PCR Amplification Kit									
3	37,37	15	13,14	12	28	22	10	11	13	16
	10	11	20	29	14	15	9	25	40	
		11		21	16		19	21	11	2
LZKYAT-5843	PowerPlex® Fusion 5C									
3							10			
M4CM2J-5845	Investigator® 24plex GO!									
3							10			
MD44UU-5843	Yfiler®, PowerPlex® Fusion									
3		15	13,14	12	28	22	10	11	13	16
	10	11	20		14	15				
								21	11	
MX9LZP-5845	GlobalFiler™									
3							10			
										2
N3FRVM-5843										
3							10			
				21	16					



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	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 3 - YSTR Results

N4D2P6-5844	PowerPlex® Fusion 6C									
3	10									
	21 16									
NDHMER-5843	PowerPlex® Fusion 6C									
3	10									
	21 16									
NFLT4X-5844	GlobalFiler™									
3	10									
	2									
NKFG8J-5844	PowerPlex® Fusion 5C									
3	10									
NTBGNW-5844	Yfiler® plus									
3	37	15	13,14	12	28	22	10	11	13	16
	10	11	20	29	14	15	9	25		40
		11		21	16		19	21		11 2
NUMGKR-5844	PowerPlex® Fusion 5C									
3	10									
NY2WD4-5843	PowerPlex® Y 23, PowerPlex® Fusion 6C									
3		15	13,14	12	28	22	10	11	13	16
	10	11	20		14	15		25		
		11	12	21	16			21	12	11
P6XZR2-5844	GlobalFiler™									
3	10									
	2									
P9HVKL-5843										
3	10									
	21 16									
PWQ9EQ-5845										
3	10									
	2									
Q2EHUG-5843	Yfiler® Plus PCR Amplification Kit									
3	37,37	15	13,14	12	28	22	10	11	13	16
	10	11	20	29	14	15	9	25		40
		11		21	16		19	21		11 2

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	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 3 - YSTR Results

Q4KJVJ-5845	PowerPlex® Y 23									
3	15	13,14	12	28	22	10	11	13	16	
	10	11	20	14	15		25			
	11	12	21	16			21	12	11	
Q6ENEE-5845	PowerPlex® Fusion PPF 6C									
3						10				
			21	16						
QRABEG-5843	Yfiler® Plus PCR Amplification Kit									
3	37,37	15	13,14	12	28	22	10	11	13	16
	10	11	20	29	14	15	9	25		40
		11		21	16		19	21		11
										2
QUHFXW-5843	Yfiler® Plus PCR Amplification kit									
3	37,37	15	13,14	12	28	22	10	11	13	16
	10	11	20	29	14	15	9	25		40
		11		21	16		19	21		11
										2
QVRN2P-5844	PowerPlex® Fusion 5C									
3						10				
R9CPU2-5844										
3						10				
RGHF9X-5844	GlobalFiler™									
3						10				
										2
RGJDJT-5845	Yfiler®, PowerPlex® Fusion 5C									
3	15	13,14	12	28	22	10	11	13	16	
	10	11	20	14	15					
							21		11	
RZGHDG-5843	PowerPlex® Y 23, PowerPlex® Fusion 5C									
3	15	13,14	12	28	22	10	11	13	16	
	10	11	20	14	15		25			
	11	12	21	16			21	12	11	
T2UDGZ-5844										
3						10				
T8CQDE-5843	Yfiler® Plus PCR Amplification Kit									
3	37,37	15	13,14	12	28	22	10	11	13	16
	10	11	20	29	14	15	9	25		40
		11		21	16		19	21		11
										2

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	DYS505	DYS518	
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4	Y Indel

Item 3 - YSTR Results

TBWMXX-5844	GlobalFiler™										
3											10
<hr/>											
TEFN6Q-5843	PowerPlex® Fusion 5C										
3											10
<hr/>											
U2KYKB-5843	PowerPlex® Fusion 5C										
3											10
<hr/>											
UNFKKD-5843	Yfiler® Plus PCR Amplification Kit										
3	37,37	15	13,14	12	28	22	10	11	13	16	
	10	11	20	29	14	15	9	25	40		
		11		21	16		19	21	11	2	
<hr/>											
UP9RMP-5843	PowerPlex® Fusion 5C										
3											10
<hr/>											
UPU3MJ-5845	PowerPlex® Y 23										
3		15	13,14	12	28	22	10	11	13	16	
	10	11	20		14	15		25			
		11	12	21	16			21	12	11	2
<hr/>											
UQRF9Q-5843	PowerPlex® Y 23										
3		15	13,14	12	28	22	10	11	13	16	
	10	11	20		14	15		25			
		11	12	21	16			21	12	11	
<hr/>											
V3CEAD-5843	PowerPlex® Y 23										
3		15	13,14	12	28	22	10	11	13	16	
	10	11	20		14	15		25			
		11	12	21	16			21	12	11	
<hr/>											
V7V8PL-5844	Yfiler®, PowerPlex® Fusion										
3		15	13,14	12	28	22	10	11	13	16	
	10	11	20		14	15					
								21		11	
<hr/>											
VE7QMQ-5843	Yfiler® Plus PCR Amplification Kit										
3	37,37	15	13,14	12	28	22	10	11	13	16	
	10	11	20	29	14	15	9	25	40		
		11		21	16		19	21	11	2	
<hr/>											
VMJK3T-5843	Yfiler® Plus PCR Amplification Kit										
3	37,37	15	13,14	12	28	22	10	11	13	16	
	10	11	20	29	14	15	9	25	40		
		11		21	16		19	21	11	2	

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	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 3 - YSTR Results

VNVJUG-5845	GlobalFiler™									
3	10									
	2									
VZ9KVG-5845	PowerPlex® Fusion 5C									
3	10									
	2									
WV9DQ-5844	GlobalFiler™									
3	10									
	2									
WQFTJ9-5843	PowerPlex® Fusion 5C									
3	10									
	2									
WQHHPQ-5843	PowerPlex® Fusion 5C									
3	10									
	2									
WT3GTM-5845	Yfiler®, PowerPlex® Fusion 5C									
3	15	13,14	12	28	22	10	11	13	16	
	10	11	20	14	15					
							21		11	
X3QKM9-5845	PowerPlex® Fusion 6C									
3	10									
	21 16									
X8KENF-5845	PowerPlex® Y 23									
3	15	13,14	12	28	22	10	11	13	16	
	10	11	20	14	15		25			
		11	12	21	16		21	12	11	2
XE2TQL-5845										
3	10									
	2									
Y74KLK-5843	PowerPlex® Fusion 5C									
3	10									
	2									
YBVUM7-5844	GlobalFiler™									
3	10									
	2									

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	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4 Y Indel

Item 3 - YSTR Results

YWYVJA-5843	PowerPlex® Y 23, PowerPlex® Fusion 6C									
3	15	13,14	12	28	22	10	11	13	16	
	10	11	20	14	15	25	21	12	11	
	11	12	21	16						
ZC4GKB-5845	PowerPlex® Y 23, GlobalFiler™									
3	15	13,14	12	28	22	10	11	13	16	
	10	11	20	14	15	25	21	12	11	2
	11	12	21	16						
ZHQAUP-5843	GlobalFiler™									
3						10				
ZKB8WL-5844	GlobalFiler™									
3						10				
										2
ZM8ERK-5843	PowerPlex® Fusion 5C									
3						10				
ZQ7VZ9-5844	PowerPlex® Fusion 5C									
3						10				

# **Additional DNA Results**

## TABLE 3

*All Additional DNA reported for Loci found elsewhere in this report have been moved to the applicable location by CTS.*

<b>Locus</b>	<b>WebCode-Test</b>	<b>Item 1</b>	<b>Item 2</b>	<b>Item 3</b>
--------------	---------------------	---------------	---------------	---------------

***No additional DNA results were reported.***

# Additional Comments

## TABLE 4

WebCode-Test	Additional Comments
2T7JWA-5843	Extraction only.
2U4TQR-5844	NR = NO RESULTS
2WTZBN-5844	Item 1 and Item 3 - These items were tested using the GlobalFiler Express amplification kit. Although both Item 1 and Item 3 are male samples, there are no results reported for the Y-indel due to the range filter being turned off per database laboratory procedures.
32HY3N-5844	Lab policy to not analyze the Y Indel locus in the GlobalFiler Express kit.
46E6WK-5843	The DNA Database does not analyze the Y-Indel as a part of its analysis procedure.
6TGLVK-5844	Y-indel not analyzed by laboratory.
74RDXK-5843	Y indel not utilized per validation
7EDKT3-5843	NR=No Result
7Q7YW7-5845	Items 1-3 were tested and charted using the PCR-based PowerPlex Fusion 5C System. All evidence will be retained at [Laboratory] until the proficiency results are confirmed, at which point the evidence will be discarded.
8LQTXB-5845	Both GlobalFiler and GlobalFiler Express were run on this proficiency.
9KCJK4-5845	Samples labeled 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.
A4HFFJ-5844	Item 1 and Item 3 both contain DYS391 alleles, however in the additional data tab, the data sheet would only display alleles from either Item 1 or Item 3, not both when importing the allele calls. The missing Y allele call was hand typed in.
AP3HBJ-5844	NR indicates no results
CBV9JE-5844	Per validation, InDel range filter turned off.
CDCMY9-5845	Fusion/Yfiler testing was performed on Items 1 - 3. Results were concordant at DYS391 for all tested items. NR = No results obtained
DWR6WZ-5845	Items 1-3 were tested and charted using the PCR-based PowerPlex Fusion 5C System. All evidence will be retained at [Laboratory] until the proficiency results are confirmed, at which point the evidence will be discarded.
ECDADR-5845	Test samples processed using robotic methods and analyzed by [name].
FMWZGV-5845	ND=NOT DETECTED. NT=NOT TESTED
G6TTZ9-5843	Per [Laboratory] GFE GMIDX validation - the Y-indel has been deleted from the panel.
GNJ7AQ-5843	NR = No Result
MX9LZP-5845	All samples run using GlobalFiler Express. Sample DBS2 Item #1 was extracted using EZ1-XL cartridges, quantified, and run with GlobalFiler. Result concordant with GlobalFiler Express result.
N4D2P6-5844	NR indicates no results
NTBGNW-5844	1-The genetic profile for item (1) refers to single male. 2-The genetic profile for item (2) refers to single female. 3-The genetic profile for item (3) refers to single male different from male on item (1). 4-The Method used for these buccal/saliva is direct amplification.
PWQ9EQ-5845	Samples were run using both GlobalFiler Express and GlobalFiler.
R9CPU2-5844	DYS391 only imported allele call for Item 3. Allele call had to be hand-entered for Item 1.

TABLE 4

WebCode-Test	Additional Comments
	201709476 = Item 1. 201709477 = Item 2. 201709478 = Item 3.
RGDJT-5845	Locus DYS391 was tested in both Power Plex Fusion and Yfiler for Item 1, Item 2, and Item 3. The results between the two kits were concordant for all items tested.
T2UDGZ-5844	Item 1, Individual 1 Sample ID# 201709717. Item 2, Individual 2 Sample ID# 201709718. Item 3, Individual 3 Sample ID# 201709719.
UPU3MJ-5845	ND = Not detected
VNVJUG-5845	Item 2 was re-extracted with GlobalFiler amp kit and the results were 100% concordant with the results obtained using GFE.
VZ9KVG-5845	Samples labeled items 1-3 were tested and charted using the PCR-based Promega Powerplex Fusion System. All evidence will be retained at [Laboratory] until the proficiency results are confirmed, at which point the evidence will be discarded.
WT3GTM-5845	NR = No Results Fusion and YFiler were performed on Items 1-3. All results were concordant at DYS391.
ZHQAUP-5843	Due to ID-X validation, GlobalFiler Express does not contain a Y Indel bin



# Appendix: Data Sheet

Collaborative Testing Services ~ Forensic Testing Program  
**Test No. 17-5843: DNA Database-Saliva**

\*\*\*\*\*

DATA MUST BE RECEIVED BY October 2, 2017 TO BE INCLUDED IN THE REPORT

Participant Code:

WebCode:

## Accreditation Release Statement

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

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

### Scenario:

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.

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

- Item 1: Known buccal/saliva standard from Individual 1 (Male)
- Item 2: Known buccal/saliva standard from Individual 2 (Female)
- Item 3: Known buccal/saliva standard from Individual 3 (Male)

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

Page 1 of 7

**Part I: DNA ANALYSIS (on following pages)**

**DNA Analysis Instructions:**

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

- \* Report alleles in numerical order, separated by a comma (no spaces necessary).
- \* Follow your laboratory procedures for reporting homozygotes (i.e. X,X or X).

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

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

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

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

**Additional DNA Results:**

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

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

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

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

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

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

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

Other \_\_\_\_\_

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

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

Yfiler® \_\_\_\_\_
  PowerPlex® Fusion \_\_\_\_\_
  Investigator® \_\_\_\_\_

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

Other \_\_\_\_\_

<b>ITEM</b>	<b>DYF387S1</b>	<b>DYS19</b>	<b>DYS385</b>	<b>DYS389-I</b>	<b>DYS389-II</b>	<b>DYS390</b>	<b>DYS391</b>	<b>DYS392</b>	<b>DYS393</b>	<b>DYS437</b>	
<b>1</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>ITEM</b>	<b>DYS438</b>	<b>DYS439</b>	<b>DYS448</b>	<b>DYS449</b>	<b>DYS456</b>	<b>DYS458</b>	<b>DYS460</b>	<b>DYS481</b>	<b>DYS505</b>	<b>DYS518</b>	
<b>1</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>ITEM</b>	<b>DYS522</b>	<b>DYS533</b>	<b>DYS549</b>	<b>DYS570</b>	<b>DYS576</b>	<b>DYS612</b>	<b>DYS627</b>	<b>DYS635</b>	<b>DYS643</b>	<b>Y GATA H4</b>	<b>Y Indel</b>
<b>1</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please return all pages of this data sheet.

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

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

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

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

Other \_\_\_\_\_

<b>ITEM</b>	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
<b>2</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>ITEM</b>	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
<b>2</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>ITEM</b>	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
<b>2</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>ITEM</b>	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
<b>2</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>ITEM</b>	Penta E	SE33	TH01	TPOX	vWA	
<b>2</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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

Yfiler® \_\_\_\_\_
  PowerPlex® Fusion \_\_\_\_\_
  Investigator® \_\_\_\_\_

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

Other \_\_\_\_\_

<b>ITEM</b>	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	DYS437	
<b>2</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>ITEM</b>	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
<b>2</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>ITEM</b>	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	Y GATA H4	Y Indel
<b>2</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please return all pages of this data sheet.

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

**STR Amplification Kit(s) Used For Item 3:** Please check all the brands that apply for this item and record only additional kit specific information in the blank provided (i.e. 16, Direct, etc.).

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

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

Other \_\_\_\_\_

<b>ITEM</b>	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
<b>3</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>ITEM</b>	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
<b>3</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>ITEM</b>	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
<b>3</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>ITEM</b>	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
<b>3</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>ITEM</b>	Penta E	SE33	TH01	TPOX	vWA	
<b>3</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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

Yfiler® \_\_\_\_\_
  PowerPlex® Fusion \_\_\_\_\_
  Investigator® \_\_\_\_\_

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

Other \_\_\_\_\_

<b>ITEM</b>	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	DYS437	
<b>3</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>ITEM</b>	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518	
<b>3</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>ITEM</b>	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	Y GATA H4	Y Indel
<b>3</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please return all pages of this data sheet.

Participant Code:

WebCode:

**Part II: ADDITIONAL COMMENTS**

Comments regarding any part of this 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.*

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<p><b>Return Instructions:</b> Data must be received via online data entry, fax (please include a cover sheet), or mail by <i>October 02, 2017</i> to be included in the report. Emailed data sheets will not be accepted.</p>	<p>Participant Code:</p> <p>ONLINE DATA ENTRY: <a href="http://www.cts-portal.com">www.cts-portal.com</a></p>
<p>QUESTIONS?  TEL: +1-571-434-1925 (8 am - 4:30 pm EST)  EMAIL: <a href="mailto:forensics@cts-interlab.com">forensics@cts-interlab.com</a>  <a href="http://www.ctsforensics.com">www.ctsforensics.com</a></p>	<p>FAX: +1-571-434-1937  MAIL: Collaborative Testing Services, Inc.  P.O. Box 650820  Sterling, VA 20165-0820 USA</p>

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

Collaborative Testing Services ~ Forensic Testing Program

**RELEASE OF DATA TO ACCREDITATION BODIES**

The following Accreditation Releases will apply only to:

Participant Code:

WebCode:

for Test No. **17-5843: DNA Database - Saliva**

This release page must be completed and received by **October 2, 2017** to have this participant's submitted data included in the reports forwarded to the respective Accreditation Bodies.

Have the laboratory's designated individual complete the following steps **only if your laboratory is accredited in this testing/calibration discipline** by one or more of the following Accreditation Bodies.

**Step 1: Provide the applicable Accreditation Certificate Number(s) for your laboratory**

**ASCLD/LAB** Certificate No. \_\_\_\_\_

**ANAB** Certificate No. \_\_\_\_\_

**A2LA** Certificate No. \_\_\_\_\_

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

Signature and Title \_\_\_\_\_

Laboratory Name \_\_\_\_\_

Location (City/State) \_\_\_\_\_

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

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

Page 7 of 7