



DNA Database - Saliva Test No. 19-5840/1/2 Summary Report

Each participant received a sample pack consisting of three buccal saliva standards which they were requested to analyze using their existing protocols. Data were returned from 154 participants and are compiled into the following tables:

	<u>Page</u>
<u>Manufacturer's Information</u>	<u>2</u>
<u>Summary Comments</u>	<u>4</u>
<u>Table 1: STR Amplification Kit(s) & Results</u>	<u>5</u>
<u>Table 2: YSTR Amplification Kit(s) & Results</u>	<u>71</u>
<u>Table 3: Additional DNA Results</u>	<u>80</u>
<u>Table 4: Additional Comments</u>	<u>81</u>
<u>Appendix: Data Sheet</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 μ l of the cell suspension, the Bode Buccal DNA Collectors™ were spotted with 200 μ l of the cell suspension, and the Puritan® Cap-Shure® swabs were spotted with 125 μ l of the cell suspension. Items 1 and 3 were created using different female donors, and Item 2 was created using a male 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 February 4, 2019.

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 predistribution analysis of the samples reported consistent allelic results across all three substrates.

Manufacturer's Information, continued

Amelogenin and STR Results

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

Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
1	11,15	17,24	10,14	14,15	12,13	*
	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24	11,13	12,12	15,28.2	8,9	8,11
	15,16	NM	NM	NM	NM	
2	15.3,15.3	17,23	10,11.3	18,18	12,12	*
	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21	8,9	7,11	12,21.2	9,9.3	8,11
	16,18	11	17	18	2	
3	15.3,18.3	23,23	10,15	14,18	12,13	*
	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22.2,24	11,14	7,12	19,19	6,8	8,8
	14,17	NM	NM	NM	NM	

YSTR Results

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

Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
2	36,37	14	11,13	13	29	25	11	15	13
	15	12	12	18	30	17	17	12	24
	37	13	12	17	18	24	23	10	12

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

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

Summary Comments

The DNA Database - Saliva tests were designed to allow participants to assess their proficiency in the analysis of buccal samples by means of DNA profiling. Each sample pack consisted of one of three buccal collection substrates: 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 female donors, and Item 2 was created using oral epithelial cells collected from a male donor. (See Manufacturer's Information for preparation details)

Of the STR results returned, four participants reported results that differed from the consensus/predistribution testing results. Three participants reported an additional allele for Item 2 at one or more of the following loci: DYS391, DYS570, DYS576, and Y Indel. One of these three participants also reported results at the Amelogenin locus as "1,1" or "1,2" where the consensus were "X,X" and "X,Y". One participant reported the consensus Item 1 profile for Item 3 vice versa.

Of the YSTR results returned, all but one participant reported results that matched the consensus/predistribution testing results. This participant reported an additional allele at multiple loci.

STR Amplification Kit(s) & Results

TABLE 1

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

Item 1 - STR Results

2EG6AD - 5842	GlobalFiler™ Express					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16	NA			NA	
2R3HLN - 5840	PowerPlex® Fusion 5C					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24	11,13	12,12		8,9	8,11
	15,16					
2TX6ZC - 5840	GlobalFiler™ Express PCR Amplification kit					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16					
2XCXUC - 5840	GlobalFiler™ Express					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X,X	10
	24			15,28.2	8,9	8,11
	15,16					
37LM9B - 5842	PowerPlex® Fusion 5C					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24	11,13	12		8,9	8,11
	15,16					
3AHBMW - 5841	PowerPlex® Fusion 5C					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24	11,13	12		8,9	8,11
	15,16					

TABLE 1

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

Item 1 - STR Results

3DD74B - 5840	Identifiler® Direct					
		17,24		14,15	12,13	
1		10,11	12,14		10,11	10,13
		14,14	13,14	30,32.2	X,X	10,10
		24,24			8,9	8,11
		15,16				
3FMWTE - 5842	PowerPlex® Fusion 5C					
		11,15	17,24	10,14	14,15	12,13
1		10,11	12,14	14,15	20,21	10,11
		14	13,14	30,32.2	16,17	X
		24	11,13	12	8,9	8,11
		15,16	NR			
3PVLEP - 5840	PowerPlex® Fusion 5C					
		11,15	17,24	10,14	14,15	12,13
1		10,11	12,14	14,15	20,21	10,11
		14,14	13,14	30,32.2	16,17	X,X
		24,24	11,13	12,12	8,9	8,11
		15,16				
3TUZZU - 5840	PowerPlex® Fusion 6C					
		11,15	17,24	10,14	14,15	12,13
1		10,11	12,14	14,15	20,21	10,11
		14	13,14	30,32.2	16,17	X
		24	11,13	12	15,28.2	8,9
		15,16				8,11
3XRGEA - 5842	PowerPlex® Fusion 5C					
		11,15	17,24	10,14	14,15	12,13
1		10,11	12,14	14,15	20,21	10,11
		14	13,14	30,32.2	16,17	X
		24	11,13	12	8,9	8,11
		15,16				
42LVDH - 5840	PowerPlex® 5C					
		11,15	17,24	10,14	14,15	12,13
1		10,11	12,14	14,15	20,21	10,11
		14,14	13,14	30,32.2	16,17	X,X
		24,24	11,13	12,12	8,9	8,11
		15,16				
44RDH7 - 5840	PowerPlex® 21					
		11,15	17,24		14,15	12,13
1		10,11	12,14		20,21	10,11
		14,14	13,14	30,32.2		X,X
		24,24	11,13	12,12		8,9
		15,16				8,11

TABLE 1

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

Item 1 - STR Results

46JCPC - 5840	GlobalFiler™					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16					
4DTPN8 - 5841	GlobalFiler™ Express					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16					
67AWV9 - 5840	GlobalFiler™ Express					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16					
6E4RA7 - 5841	GlobalFiler™ Express					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16					
6GCV74 - 5840	PowerPlex® 16 FAST (GeneMapper ID-X 1.5)					
	11,15	17,24	10,14	14,15		
1		12,14	14,15	20,21		10,13
	14,14	13,14	30,32.2	16,17	X,X	
	24,24				8,9	
	15,16					
6QJW3N - 5840	PowerPlex® Fusion					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24	11,13	12,12		8,9	8,11
	15,16					
6QX9Y8 - 5841	GlobalFiler™ Express					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16					

TABLE 1

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

Item 1 - STR Results

6X6K77 - 5840	PowerPlex® 21 (Genemapper)					
	11,15	17,24		14,15	12,13	12,20
1	10,11	12,14		20,21	10,11	10,13
	14,14	13,14	30,32.2		X,X	10,10
	24,24	11,13	12,12		8,9	8,11
	15,16					
6ZMU67 - 5841	GlobalFiler™ Express					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16					
72HPDZ - 5842	GlobalFiler™ Express					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16					
7D8QMF - 5840	GlobalFiler™ Express PCR Amplification Kit					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16	-			-	
7MDQ39 - 5842	GlobalFiler™ Express					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16					
7UWRPD - 5842	GlobalFiler™ Express					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24			15,28.2	8,9	8,11
	15,16					
84WN2E - 5840	GlobalFiler™ Express PCR Amplification kit					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16					

TABLE 1

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

Item 1 - STR Results

877YRQ - 5840	GlobalFiler™					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16					
8A76B3 - 5840	PowerPlex® Fusion					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24	11,13	12		8,9	8,11
	15,16					
8D7F83 - 5840	PowerPlex® Fusion					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24	11,13	12		8,9	8,11
	15,16					
8GND2K - 5840	Investigator® 24plex GO!					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24			15,28.2	8,9	8,11
	15,16					
8YJ4VT - 5841	PowerPlex® Fusion 5C					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24	11,13	12		8,9	8,11
	15,16					
94BX6Y - 5842	PowerPlex® Fusion 6C					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24	11,13	12	15,28.2	8,9	8,11
	15,16					
9AXMPA - 5841	Identifiler® (GeneMapper ID-X)					
		17,24		14,15	12,13	
1	10,11	12,14			10,11	10,13
	14,14	13,14	30,32.2		X,X	10,10
	24,24				8,9	8,11
	15,16					

TABLE 1

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

Item 1 - STR Results

9DYT3U - 5841	GlobalFiler™ Express					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16					
9JPX3P - 5841	PowerPlex® Fusion 5C					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24	11,13	12		8,9	8,11
	15,16					
9KJKX3 - 5841	GlobalFiler™					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24			15,28.2	8,9	8,11
	15,16					
9VJERQ - 5841	PowerPlex® Fusion 5C					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24	11,13	12		8,9	8,11
	15,16					
9XN392 - 5842	PowerPlex® Fusion 5C					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24	11,13	12		8,9	8,11
	15,16	N/A				
A66XNW - 5842	GlobalFiler™ Express					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16					
AGFDPA - 5840	GlobalFiler™ Express PCR Amplification kit					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16					

TABLE 1

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

Item 1 - STR Results

AM6QQX - 5842 PowerPlex® Fusion 6C

	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24	11,13	12	15,28.2	8,9	8,11
	15,16					

AT83MU - 5840 GlobalFiler™

	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24			15,28.2	8,9	8,11
	15,16					

B7D9KZ - 5840 GlobalFiler™

	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	XX	10,10
	24,24			15,28.2	8,9	8,11
	15,16					

BEPE9Q - 5840 PowerPlex® Fusion 5C

	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	XX	10,10
	24,24	11,13	12,12		8,9	8,11
	15,16					

BH62MV - 5842 PowerPlex® Fusion 6C

	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24	11,13	12	15,28.2	8,9	8,11
	15,16					

BT3XPW - 5841 GlobalFiler™

	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24			15,28.2	8,9	8,11
	15,16					

BUXK22 - 5840 GlobalFiler™ Express PCR Amplification Kit

	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	XX	10,10
	24,24			15,28.2	8,9	8,11
	15,16					

TABLE 1

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

Item 1 - STR Results

C2BZ6U - 5841 GlobalFiler™ Express						
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16					
C6TV8M - 5840 PowerPlex® Fusion 5C, GlobalFiler™						
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24	11,13	12	15,28.2	8,9	8,11
	15,16					
CH6C3Y - 5842 Identifiler®, PowerPlex® 16						
		17,24		14,15	12,13	
1	10,11	12,14			10,11	10,13
	14	13,14	30,32.2		X	10
	24	11,13	12		8,9	8,11
	15,16					
DG4ND8 - 5840 GlobalFiler™ Express PCR Amplification Kit						
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16					
DPCEHW - 5840 PowerPlex® Fusion 6C						
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24	11,13	12,12	15,28.2	8,9	8,11
	15,16					
DV7C8M - 5841 PowerPlex® Fusion 5C						
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24	11,13	12		8,9	8,11
	15,16					
E72UE2 - 5842 PowerPlex® Fusion 5C						
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24	11,13	12		8,9	8,11
	15,16	NR				

TABLE 1

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

Item 1 - STR Results

EDFQ49 - 5840	PowerPlex® Fusion 5C					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24	11,13	12,12		8,9	8,11
	15,16					
EEBEHW - 5840	GlobalFiler™ Express PCR Amplification Kit					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16					
EQMG4V - 5840	PowerPlex® Fusion 6C					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24	11,13	12,12	15,28.2	8,9	8,11
	15,16					
ETVULW - 5840	PowerPlex® Fusion 6C					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24	11,13	12,12	15,28.2	8,9	8,11
	15,16					
FBCD2Z - 5842	PowerPlex® Fusion 6C					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24	11,13	12,12	15,28.2	8,9	8,11
	15,16					
FE7CA4 - 5841	PowerPlex® Fusion 6C					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24	11,13	12	15,28.2	8,9	8,11
	15,16	NR	NR	NR		
FEVAN6 - 5841	PowerPlex® Fusion 6C					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24	11,13	12	15,28.2	8,9	8,11
	15,16	NR	NR	NR		

TABLE 1

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

Item 1 - STR Results

FFKN7N - 5841 GlobalFiler™ Express						
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16					
FHULPW - 5841 GlobalFiler™						
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16					
FQZTY6 - 5840 PowerPlex® Fusion 5C						
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24	11,13	12,12		8,9	8,11
	15,16					
G3U9LK - 5840 GlobalFiler™ Express						
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24			15,28.2	8,9	8,11
	15,16					
G4PU9K - 5840 PowerPlex® Fusion 5C						
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24	11,13	12,12		8,9	8,11
	15,16					
GHQNL E - 5840 PowerPlex® Fusion 5C						
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24	11,13	12		8,9	8,11
	15,16					
GLM66Z - 5842 GlobalFiler™ Express						
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24			15,28.2	8,9	8,11
	15,16					

TABLE 1

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

Item 1 - STR Results

GNE4ER - 5840 GlobalFiler™						
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24			15,28.2	8,9	8,11
	15,16					
GT6PYZ - 5842 PowerPlex® Fusion 5C						
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24	11,13	12		8,9	8,11
	15,16	NR				
GVB3PE - 5840 PowerPlex® Fusion 5C						
	15.3,18.3	23,23	10,15	14,18	12,13	
1	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	XX	11,11
	22.2,24	11,14	7,12		6,8	8,8
	14,17					
GY7Y7R - 5841 GlobalFiler™ Express						
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	XX	10,10
	24,24			15,28.2	8,9	8,11
	15,16					
GYVRAQ - 5842 PowerPlex® Fusion 6C						
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24	11,13	12	15,28.2	8,9	8,11
	15,16					
H7NMKU - 5840 GlobalFiler™ Express PCR Amplification kit						
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	XX	10,10
	24,24			15,28.2	8,9	8,11
	15,16					
J8YTGV - 5842 PowerPlex® Fusion 5C						
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24	11,13	12		8,9	8,11
	15,16	NR				

TABLE 1

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

Item 1 - STR Results

JLJBC - 5841	GlobalFiler™ Express					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16					
JVNA82 - 5842	GlobalFiler™ Express					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24			15,28.2	8,9	8,11
	15,16					
K7XF9T - 5840	Identifiler® Direct					
		17,24		14,15	12,13	
1	10,11	12,14			10,11	10,13
	14,14	13,14	30,32.2		X,X	10,10
	24,24				8,9	8,11
	15,16					
K7Y4WY - 5840	Investigator® 24plex					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24			15,28.2	8,9	8,11
	15,16					
KD2D3R - 5842	PowerPlex® Fusion 5C					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24	11,13	12		8,9	8,11
	15,16	No Results				
KHW8X8 - 5840	PowerPlex® Fusion 5C					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24	11,13	12,12		8,9	8,11
	15,16	NR				
KKKGAU - 5840	GlobalFiler™ Express					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16					

TABLE 1

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

Item 1 - STR Results

KPUWGW - 5842 GlobalFiler™						
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24			15,28.2	8,9	8,11
	15,16					
KQK89P - 5841 GlobalFiler™ Express						
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16					
KR22BK - 5841 GlobalFiler™ Express						
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16					
LGDK2B - 5840 PowerPlex® Fusion 6C						
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24	11,13	12	15,28.2	8,9	8,11
	15,16					
LPT9UR - 5840 Identifiler® Direct						
		17,24		14,15	12,13	
1	10,11	12,14			10,11	10,13
	14,14	13,14	30,32.2		X,X	10,10
	24,24				8,9	8,11
	15,16					
MAVCBT - 5840 Identifiler® Direct						
		17,24		14,15	12,13	
1	10,11	12,14			10,11	10,13
	14,14	13,14	30,32.2		X,X	10,10
	24,24				8,9	8,11
	15,16					
MH8LMT - 5840 PowerPlex® F6C						
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24	11,13	12	15,28.2	8,9	8,11
	15,16					

TABLE 1

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

Item 1 - STR Results

MKRJQP - 5841	GlobalFiler™ Express					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16					
MKU8DV - 5842	PowerPlex® Fusion 5C					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24	11,13	12		8,9	8,11
	15,16	NR				
MQ2QFU - 5842	GlobalFiler™ Express					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24			15,28.2	8,9	8,11
	15,16					
N2DK6R - 5841	GlobalFiler™					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X,X	10
	24			15,28.2	8,9	8,11
	15,16					
N6WF8K - 5842	GlobalFiler™					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	1,1	10,10
	24,24			15,28.2	8,9	8,11
	15,16					
N9WJ2R - 5842	PowerPlex® Fusion 6C					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24	11,13	12,12	15,28.2	8,9	8,11
	15,16					
NR9HXA - 5841	GlobalFiler™ Express					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16					

TABLE 1

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

Item 1 - STR Results

P7KFFF - 5841	GlobalFiler™ Express					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16					
PEEKAF - 5841	GlobalFiler™ Express					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16					
PKM4AU - 5840	GlobalFiler™ Express PCR Amplification kit					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16					
PN46V2 - 5840	PowerPlex® Fusion 5C					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24	11,13	12,12		8,9	8,11
	15,16					
PR4DZC - 5840	GlobalFiler™ Express					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24			15,28.2	8,9	8,11
	15,16					
Q2N4ZA - 5841	PowerPlex® Fusion 5C					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24	11,13	12		8,9	8,11
	15,16					
Q72N7V - 5840	GlobalFiler™ Express PCR Amplification Kit					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16					

TABLE 1

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

Item 1 - STR Results

QEU23N - 5841	GlobalFiler™ Express					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16					
QG38L4 - 5840	GlobalFiler™					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24			15,28.2	8,9	8,11
	15,16					
QVJ34L - 5842	GlobalFiler™ Express					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24			15,28.2	8,9	8,11
	15,16	NR			NR	
QXADUE - 5841	GlobalFiler™ Express					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16					
QXNWEC - 5841	GlobalFiler™ Express					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16					
R2KYZQ - 5840	Investigator® 24plex GO!					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24			15,28.2	8,9	8,11
	15,16					
RBQNZG - 5840	PowerPlex® Fusion 6C					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24	11,13	12,12	15,28.2	8,9	8,11
	15,16					

TABLE 1

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

Item 1 - STR Results

RC49TQ - 5842	GlobalFiler™ Express					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24			15,28.2	8,9	8,11
	15,16					
RHUH3P - 5842	PowerPlex® Fusion 6C					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24	11,13	12,12	15,28.2	8,9	8,11
	15,16					
RKFG7L - 5841	GlobalFiler™ Express					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16					
T2XR7 - 5841	PowerPlex® Fusion 5C					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24	11,13	12		8,9	8,11
	15,16					
T4RDAH - 5841	GlobalFiler™					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24			15,28.2	8,9	8,11
	15,16					
TGAB77 - 5840	GlobalFiler™					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24			15,28.2	8,9	8,11
	15,16					
TKEUCE - 5840	GlobalFiler™					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24			15,28.2	8,9	8,11
	15,16					

TABLE 1

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

Item 1 - STR Results

TNAQVD - 5842

	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24	11,13	12	15,28.2	8,9	8,11
	15,16					

TRWCLF - 5841 GlobalFiler™ Express

	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16					

TT9Y7F - 5840 NGM SElectExpress

	11,15	17,24	10,14	14,15		
1		12,14	14,15	20,21		10,13
	14,14	13,14	30,32.2	16,17	X,X	
	24,24			15,28.2	8,9	
	15,16					

TX3279 - 5840 PowerPlex® Fusion

	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24	11,13	12		8,9	8,11
	15,16					

U2F6D3 - 5840 GlobalFiler™

	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16					

U4KQ69 - 5840 GlobalFiler™ Express

	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24			15,28.2	8,9	8,11
	15,16					

UBK9JL - 5842 GlobalFiler™ Express

	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16					

TABLE 1

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

Item 1 - STR Results

ULLVCH - 5842 PowerPlex® 6C						
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24	11,13	12	15,28.2	8,9	8,11
	15,16	no results	no results	no results		
UXUGVB - 5840 GlobalFiler™						
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24			15,28.2	8,9	8,11
	15,16					
V8DALX - 5840 PowerPlex® Fusion 5C						
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	XX	10,10
	24,24	11,13	12,12		8,9	8,11
	15,16					
V9W2VH - 5840 GlobalFiler™ Express PCR Amplification Kit						
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	XX	10,10
	24,24			15,28.2	8,9	8,11
	15,16					
VH3WXN - 5842 GlobalFiler™ Express						
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24			15,28.2	8,9	8,11
	15,16					
W7ZZ9Q - 5840 PowerPlex® Fusion 5C						
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	XX	10,10
	24,24	11,13	12,12		8,9	8,11
	15,16					
WKGZX6 - 5840 PowerPlex® Fusion 5C						
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	XX	10,10
	24,24	11,13	12,12		8,9	8,11
	15,16					

TABLE 1

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

Item 1 - STR Results

WN3PGG - 5840 PowerPlex® Fusion, GlobalFiler™ Express

	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24	11,13	12,12	15,28.2	8,9	8,11
	15,16					

X2KU44 - 5841 GlobalFiler™ Express

	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16					

X4T4Z8 - 5840 GlobalFiler™

	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24			15,28.2	8,9	8,11
	15,16					

XPVTUP - 5840 PowerPlex® Fusion 5C

	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24	11,13	12,12		8,9	8,11
	15,16					

XVW6QL - 5842 PowerPlex® 16, Fusion 6C, GlobalFiler™

	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24	11,13	12	15,28.2	8,9	8,11
	15,16	-	-	-	-	

XXLH94 - 5841 GlobalFiler™ Express

	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16					

Y2GP78 - 5840 GlobalFiler™

	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24			15,28.2	8,9	8,11
	15,16					

TABLE 1

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

Item 1 - STR Results

Y63DNY - 5841	GlobalFiler™ Express					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16					
Y8JXBE - 5840	GlobalFiler™ Express PCR Amplification Kit					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16					
YAW9NK - 5840	GlobalFiler™ Express PCR Amplification Kit					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16					
YH46A4 - 5840	GlobalFiler™					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24			15,28.2	8,9	8,11
	15,16					
YJW3HA - 5841	GlobalFiler™ Express					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24			15,28.2	8,9	8,11
	15,16					
YKU4QM - 5840	PowerPlex® Fusion 5C					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24	11,13	12,12		8,9	8,11
	15,16					
YLMZDV - 5840	PowerPlex® Fusion					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	X,X	10,10
	24,24	11,13	12,12		8,9	8,11
	15,16					

TABLE 1

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

Item 1 - STR Results

YQXA46 - 5840	GlobalFiler™					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24			15,28.2	8,9	8,11
	15,16					
YRQ9BB - 5841	GlobalFiler™ Express					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	XX	10,10
	24,24			15,28.2	8,9	8,11
	15,16					
Z9AJGA - 5840	PowerPlex® Fusion 6C					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	XX	10,10
	24,24	11,13	12,12	15,28.2	8,9	8,11
	15,16					
ZAT3N3 - 5840	GlobalFiler™ Express					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14	13,14	30,32.2	16,17	X	10
	24			15,28.2	8,9	8,11
	15,16					
ZBL2WA - 5841	GlobalFiler™ Express					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	XX	10,10
	24,24			15,28.2	8,9	8,11
	15,16					
ZGMDT7 - 5841	GlobalFiler™ Express					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	XX	10,10
	24,24			15,28.2	8,9	8,11
	15,16					
ZTZDPZ - 5840	PowerPlex® Fusion 5C					
	11,15	17,24	10,14	14,15	12,13	
1	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32.2	16,17	XX	10,10
	24,24	11,13	12,12		8,9	8,11
	15,16					

TABLE 1

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

Item 2 - STR Results

2EG6AD - 5842 GlobalFiler™ Express						
	15,3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
2R3HLN - 5840 PowerPlex® Fusion 5C						
	15,3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21	8,9	7,11		9,9.3	8,11
	16,18	11				
2TX6ZC - 5840 GlobalFiler™ Express PCR Amplification kit						
	15,3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
2XCXUC - 5840 GlobalFiler™ Express						
	15,3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
37LM9B - 5842 PowerPlex® Fusion 5C						
	15,3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21	8,9	7,11		9,9.3	8,11
	16,18	11				
3AHBMW - 5841 PowerPlex® Fusion 5C						
	15,3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21	8,9	7,11		9,9.3	8,11
	16,18	11				
3DD74B - 5840 GlobalFiler™ Express						
	15,3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11				

TABLE 1

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

Item 2 - STR Results

3FMWTE - 5842	PowerPlex® Fusion 5C					
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21	8,9	7,11		9,9.3	8,11
	16,18	11				
3PVLEP - 5840	PowerPlex® Fusion 5C					
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21	8,9	7,11		9,9.3	8,11
	16,18	11				
3TUZZU - 5840	PowerPlex® Fusion 6C					
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21	8,9	7,11	12,21.2	9,9.3	8,11
	16,18	11	17	18		
3XRGEA - 5842	PowerPlex® Fusion 5C					
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21	8,9	7,11		9,9.3	8,11
	16,18	11				
42LVDH - 5840	PowerPlex® 5C					
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21	8,9	7,11		9,9.3	8,11
	16,18	11				
44RDH7 - 5840	PowerPlex®					
	15.3,15.3	17,23		18,18	12,12	12,17
2	8,10	12,12		22,22	9,12	11,12
	14,14	12,13	29,29		X,Y	11,12
	19,21	8,9	7,11		9,9.3	8,11
	16,18					
46JCPC - 5840	GlobalFiler™					
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	

TABLE 1

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

Item 2 - STR Results

4DTPN8 - 5841	GlobalFiler™ Express					
	15,3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
67AWV9 - 5840	GlobalFiler™ Express					
	15,3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
6E4RA7 - 5841	GlobalFiler™ Express					
	15,3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
6GCV74 - 5840	PowerPlex® 16 FAST (GeneMapper ID-X 1.5)					
	15,3,15.3	17,23	10,11.3	18,18		
2		12,12	13,15	22,22		11,12
	14,14	12,13	29,29	15,16	X,Y	
	19,21				9,9.3	
	16,18					
6QJW3N - 5840	PowerPlex® Fusion					
	15,3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21	8,9	7,11		9,9.3	8,11
	16,18	11				
6QX9Y8 - 5841	GlobalFiler™ Express					
	15,3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11				
6X6K77 - 5840	PowerPlex® 21					
	15,3,15.3	17,23		18,18	12,12	12,17
2	8,10	12,12		22,22	9,12	11,12
	14,14	12,13	29,29		X,Y	11,12
	19,21	8,9	7,11		9,9.3	8,11
	16,18					

TABLE 1

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

Item 2 - STR Results

6ZMU67 - 5841	GlobalFiler™ Express					
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
72HPDZ - 5842	GlobalFiler™ Express					
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
7D8QMF - 5840	GlobalFiler™ Express PCR Amplification Kit					
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
7MDQ39 - 5842	GlobalFiler™ Express					
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
7UWRPD - 5842	GlobalFiler™ Express					
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
84WN2E - 5840	GlobalFiler™ Express PCR Amplification kit					
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
877YRQ - 5840	GlobalFiler™					
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	

TABLE 1

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

Item 2 - STR Results

8A76B3 - 5840	PowerPlex® Fusion					
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21	8,9	7,11		9,9.3	8,11
	16,18	11				
8D7F83 - 5840	PowerPlex® Fusion					
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21	8,9	7,11		9,9.3	8,11
	16,18	11				
8GND2K - 5840	Investigator® 24plex GO!					
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11				
8YJ4VT - 5841	PowerPlex® Fusion 5C					
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21	8,9	7,11		9,9.3	8,11
	16,18	11				
94BX6Y - 5842	PowerPlex® Fusion 6C					
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21	8,9	7,11	12,21.2	9,9.3	8,11
	16,18	11	17	18		
9AXMPA - 5841	Identifiler® (GeneMapper ID-X)					
		17,23		18,18	12,12	
2	8,10	12,12			9,12	11,12
	14,14	12,13	29,29		X,Y	11,12
	19,21				9,9.3	8,11
	16,18					
9DYT3U - 5841	GlobalFiler™ Express					
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	

TABLE 1

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

Item 2 - STR Results

9JPX3P - 5841	PowerPlex® Fusion 5C					
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21	8,9	7,11		9,9.3	8,11
	16,18	11				
9KJKX3 - 5841	GlobalFiler™					
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
9VJERQ - 5841	PowerPlex® Fusion 5C					
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21	8,9	7,11		9,9.3	8,11
	16,18	11				
9XN392 - 5842	PowerPlex® Fusion 5C					
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21	8,9	7,11		9,9.3	8,11
	16,18	11				
A66XNW - 5842	GlobalFiler™ Express					
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
AGFDPA - 5840	GlobalFiler™ Express PCR Amplification kit					
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
AM6QQX - 5842	PowerPlex® Fusion 6C					
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21	8,9	7,11	12,21.2	9,9.3	8,11
	16,18	11	17	18		

TABLE 1

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

Item 2 - STR Results

AT83MU - 5840 GlobalFiler™						
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
B7D9KZ - 5840 GlobalFiler™						
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
BEPE9Q - 5840 PowerPlex® Fusion 5C						
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21	8,9	7,11		9,9.3	8,11
	16,18	11				
BH62MV - 5842 PowerPlex® Fusion 6C						
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21	8,9	7,11	12,21.2	9,9.3	8,11
	16,18	11	17	18		
BT3XPW - 5841 GlobalFiler™						
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
BUXK22 - 5840 GlobalFiler™ Express PCR Amplification Kit						
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
C2BZ6U - 5841 GlobalFiler™ Express						
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	

TABLE 1

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

Item 2 - STR Results

C6TV8M - 5840	PowerPlex® Fusion 5C, GlobalFiler™					
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21	8,9	7,11	12,21.2	9,9.3	8,11
	16,18	11			2	
CH6C3Y - 5842	Identifiler®, PowerPlex® 16					
		17,23		18	12	
2	8,10	12			9,12	11,12
	14	12,13	29		X,Y	11,12
	19,21	8,9	7,11		9,9.3	8,11
	16,18					
DG4ND8 - 5840	GlobalFiler™ Express PCR Amplification Kit					
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
DPCEHW - 5840	PowerPlex® Fusion 6C					
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21	8,9	7,11	12,21.2	9,9.3	8,11
	16,18	11	17	18		
DV7C8M - 5841	PowerPlex® Fusion 5C					
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21	8,9	7,11		9,9.3	8,11
	16,18	11				
E72UE2 - 5842	PowerPlex® Fusion 5C					
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21	8,9	7,11		9,9.3	8,11
	16,18	11				
EDFQ49 - 5840	PowerPlex® Fusion 5C					
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21	8,9	7,11		9,9.3	8,11
	16,18	11				

TABLE 1

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

Item 2 - STR Results

EEBEHW - 5840 GlobalFiler™ Express PCR Amplification Kit						
	15,3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
EQMG4V - 5840 PowerPlex® Fusion 6C						
	15,3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21	8,9	7,11	12,21.2	9,9.3	8,11
	16,18	11	17	18		
ETVULW - 5840 PowerPlex® Fusion 6C						
	15,3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21	8,9	7,11	12,21.2	9,9.3	8,11
	16,18	11	17	18		
FBCD2Z - 5842 PowerPlex® Fusion 6C						
	15,3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21	8,9	7,11	12,21.2	9,9.3	8,11
	16,18	11	17	18		
FE7CA4 - 5841 PowerPlex® Fusion 6C						
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21	8,9	7,11	12,21.2	9,9.3	8,11
	16,18	11	17	18		
FEVAN6 - 5841 PowerPlex® Fusion 6C						
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21	8,9	7,11	12,21.2	9,9.3	8,11
	16,18	11	17	18		
FFKN7N - 5841 GlobalFiler™ Express						
	15,3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	

TABLE 1

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

Item 2 - STR Results

FHULPW - 5841 GlobalFiler™						
	15,3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
FQZTY6 - 5840 PowerPlex® Fusion 5C						
	15,3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21	8,9	7,11		9,9.3	8,11
	16,18	11				
G3U9LK - 5840 GlobalFiler™ Express						
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
G4PU9K - 5840 PowerPlex® Fusion 5C						
	15,3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21	8,9	7,11		9,9.3	8,11
	16,18	11				
GHQNLE - 5840 PowerPlex® Fusion 5C						
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21	8,9	7,11		9,9.3	8,11
	16,18	11				
GLM66Z - 5842 GlobalFiler™ Express						
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
GNE4ER - 5840 GlobalFiler™						
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	

TABLE 1

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

Item 2 - STR Results

GT6PYZ - 5842	PowerPlex® Fusion 5C					
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21	8,9	7,11		9,9.3	8,11
	16,18	11				
GVB3PE - 5840	PowerPlex® Fusion 5C					
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21	8,9	7,11		9,9.3	8,11
	16,18	11				
GY7Y7R - 5841	GlobalFiler™ Express					
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
GYVRAQ - 5842	PowerPlex® Fusion 6C					
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21	8,9	7,11	12,21.2	9,9.3	8,11
	16,18	11	17	18		
H7NMKU - 5840	GlobalFiler™ Express PCR Amplification kit					
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
J8YTGV - 5842	PowerPlex® Fusion 5C					
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21	8,9	7,11		9,9.3	8,11
	16,18	11				
JLJBCK - 5841	GlobalFiler™ Express					
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	

TABLE 1

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

Item 2 - STR Results

JVNA82 - 5842 GlobalFiler™ Express						
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
K7XF9T - 5840 GlobalFiler™ Express						
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11				
K7Y4WY - 5840 Investigator® 24plex						
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11				
KD2D3R - 5842 PowerPlex® Fusion 5C						
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21	8,9	7,11		9,9.3	8,11
	16,18	11				
KHW8X8 - 5840 PowerPlex® Fusion 5C						
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21	8,9	7,11		9,9.3	8,11
	16,18	11				
KKKGAU - 5840 GlobalFiler™ Express						
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
KPUWGW - 5842 GlobalFiler™						
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	

TABLE 1

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

Item 2 - STR Results

KQK89P - 5841 GlobalFiler™ Express						
	15,3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
KR22BK - 5841 GlobalFiler™ Express						
	15,3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
LGDK2B - 5840 PowerPlex® Fusion 6C						
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21	8,9	7,11	12,21.2	9,9.3	8,11
	16,18	11	17	18		
LPT9UR - 5840 GlobalFiler™ Express						
	15,3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11				
MAVCBT - 5840 GlobalFiler™ Express						
	15,3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11				
MH8LMT - 5840 PowerPlex® F6C						
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21	8,9	7,11	12,21.2	9,9.3	8,11
	16,18	11	17	18		
MKRJQP - 5841 GlobalFiler™ Express						
	15,3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11				

TABLE 1

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

Item 2 - STR Results

MKU8DV - 5842	PowerPlex® Fusion 5C					
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21	8,9	7,11		9,9.3	8,11
	16,18	11				
MQ2QFU - 5842	GlobalFiler™ Express					
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
N2DK6R - 5841	GlobalFiler™					
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
N6WF8K - 5842	GlobalFiler™					
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	1,2	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11,11			2,2	
N9WJ2R - 5842	PowerPlex® Fusion 6C					
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21	8,9	7,11	12,21.2	9,9.3	8,11
	16,18	11	17	18		
NR9HXA - 5841	GlobalFiler™ Express					
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
P7KFFF - 5841	GlobalFiler™ Express					
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	

TABLE 1

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

Item 2 - STR Results

PEEKAF - 5841	GlobalFiler™ Express					
	15,3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
PKM4AU - 5840	GlobalFiler™ Express PCR Amplification kit					
	15,3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
PN46V2 - 5840	PowerPlex® Fusion 5C					
	15,3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21	8,9	7,11		9,9.3	8,11
	16,18	11				
PR4DZC - 5840	GlobalFiler™ Express					
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
Q2N4ZA - 5841	PowerPlex® Fusion 5C					
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21	8,9	7,11		9,9.3	8,11
	16,18	11				
Q72N7V - 5840	GlobalFiler™ Express PCR Amplification Kit					
	15,3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
QEU23N - 5841	GlobalFiler™ Express					
	15,3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11				

TABLE 1

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

Item 2 - STR Results

QG38L4 - 5840	GlobalFiler™					
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
QVJ34L - 5842	GlobalFiler™ Express					
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
QXADUE - 5841	GlobalFiler™ Express					
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
QXNWEC - 5841	GlobalFiler™ Express					
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
R2KYZQ - 5840	Investigator® 24plex GO!					
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11				
RBQNZG - 5840	PowerPlex® Fusion 6C					
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21	8,9	7,11	12,21.2	9,9.3	8,11
	16,18	11	17	18		
RC49TQ - 5842	GlobalFiler™ Express					
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	

TABLE 1

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

Item 2 - STR Results

RHUH3P - 5842 PowerPlex® Fusion 6C						
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21	8,9	7,11	12,21.2	9,9.3	8,11
	16,18	11,11	17,17	18,18		
RKFG7L - 5841 GlobalFiler™ Express						
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11				
T2XRD7 - 5841 PowerPlex® Fusion 5C						
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21	8,9	7,11		9,9.3	8,11
	16,18	11				
T4RDAH - 5841 GlobalFiler™						
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
TGAB77 - 5840 GlobalFiler™						
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
TKEUCE - 5840 GlobalFiler™						
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
TNAQVD - 5842						
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21	8,9	7,11	12,21.2	9,9.3	8,11
	16,18	11	17	18		

TABLE 1

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

Item 2 - STR Results

TRWCLF - 5841	GlobalFiler™ Express					
	15,3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
TT9Y7F - 5840	NGM SElectExpress					
	15,3,15.3	17,23	10,11.3	18,18		
2		12,12	13,15	22,22		11,12
	14,14	12,13	29,29	15,16	X,Y	
	19,21			12,21.2	9,9.3	
	16,18					
TX3279 - 5840	PowerPlex® Fusion					
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21	8,9	7,11		9,9.3	8,11
	16,18	11				
U2F6D3 - 5840	GlobalFiler™					
	15,3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11,11			2	
U4KQ69 - 5840	GlobalFiler™ Express					
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
UBK9JL - 5842	GlobalFiler™ Express					
	15,3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
ULLVCH - 5842	PowerPlex® 6C					
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21	8,9	7,11	12,21.2	9,9.3	8,11
	16,18	11	17	18		

TABLE 1

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

Item 2 - STR Results

UXUGVB - 5840	GlobalFiler™					
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
V8DALX - 5840	PowerPlex® Fusion 5C					
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21	8,9	7,11		9,9.3	8,11
	16,18	11				
V9W2VH - 5840	GlobalFiler™ Express PCR Amplification Kit					
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
VH3WXN - 5842	GlobalFiler™ Express					
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
W7ZZ9Q - 5840	PowerPlex® Fusion 5C					
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29		X,Y	11,12
	19,21				9,9.3	8,11
	16,18					
WKGZX6 - 5840	PowerPlex® Fusion 5C					
				18,18		
2		12,12				11,12
	14,14	12,13			X,Y	
					9,9.3	
	16,18					
WN3PGG - 5840	PowerPlex® Fusion, GlobalFiler™ Express					
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21	8,9	7,11	12,21.2	9,9.3	8,11
	16,18	11			2	

TABLE 1

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

Item 2 - STR Results

X2KU44 - 5841 GlobalFiler™ Express						
	15,3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
X4T4Z8 - 5840 GlobalFiler™						
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
XPVTUP - 5840 PowerPlex® Fusion 5C						
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21	8,9	7,11		9,9.3	8,11
	16,18	11				
XVW6QL - 5842 PowerPlex® 16, Fusion 6C, GlobalFiler™						
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21	8,9	7,11	12,21.2	9,9.3	8,11
	16,18	11	17	18	2	
XXLH94 - 5841 GlobalFiler™ Express						
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
Y2GP78 - 5840 GlobalFiler™						
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
Y63DNY - 5841 GlobalFiler™ Express						
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	

TABLE 1

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

Item 2 - STR Results

Y8JXBE - 5840	GlobalFiler™ Express PCR Amplification Kit					
	15,3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
YAW9NK - 5840	GlobalFiler™ Express PCR Amplification Kit					
	15,3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
YH46A4 - 5840	GlobalFiler™					
	15,3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
YJW3HA - 5841	GlobalFiler™ Express					
	15,3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
YKU4QM - 5840	PowerPlex® Fusion 5C					
	15,3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21	8,9	7,11		9,9.3	8,11
	16,18	11				
YLMZDV - 5840	PowerPlex® Fusion					
	15,3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21	8,9	7,11		9,9.3	8,11
	16,18	11				
YQXA46 - 5840	GlobalFiler™					
	15,3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	

TABLE 1

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

Item 2 - STR Results

YRQ9BB - 5841	GlobalFiler™ Express					
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
Z9AJGA - 5840	PowerPlex® Fusion 6C					
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21	8,9	7,11	12,21.2	9,9.3	8,11
	16,18	11	17	18		
ZAT3N3 - 5840	GlobalFiler™ Express					
	15.3	17,23	10,11.3	18	12	
2	8,10	12	13,15	22	9,12	11,12
	14	12,13	29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
ZBL2WA - 5841	GlobalFiler™ Express					
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
ZGMDT7 - 5841	GlobalFiler™ Express					
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21			12,21.2	9,9.3	8,11
	16,18	11			2	
ZTZDPZ - 5840	PowerPlex® Fusion 5C					
	15.3,15.3	17,23	10,11.3	18,18	12,12	
2	8,10	12,12	13,15	22,22	9,12	11,12
	14,14	12,13	29,29	15,16	X,Y	11,12
	19,21	8,9	7,11		9,9.3	8,11
	16,18	11				

TABLE 1

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

Item 3 - STR Results

2EG6AD - 5842 GlobalFiler™ Express						
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24			19,19	6,8	8,8
	14,17	NA			NA	
2R3HLN - 5840 PowerPlex® Fusion 5C						
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24	11,14	7,12		6,8	8,8
	14,17					
2TX6ZC - 5840 GlobalFiler™ Express PCR Amplification kit						
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24			19,19	6,8	8,8
	14,17					
2XCXUC - 5840 GlobalFiler™ Express						
	15,3,18,3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X,X	11
	22,2,24			19	6,8	8
	14,17					
37LM9B - 5842 PowerPlex® Fusion 5C						
	15,3,18,3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24	11,14	7,12		6,8	8
	14,17					
3AHBMW - 5841 PowerPlex® Fusion 5C						
	15,3,18,3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24	11,14	7,12		6,8	8
	14,17					
3DD74B - 5840 GlobalFiler™ Express						
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24			19,19	6,8	8,8
	14,17					

TABLE 1

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

Item 3 - STR Results

3FMWTE - 5842 PowerPlex® Fusion 5C						
	15,3,18,3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24	11,14	7,12		6,8	8
	14,17	NR				
3PVLEP - 5840 PowerPlex® Fusion 5C						
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24	11,14	7,12		6,8	8,8
	14,17					
3TUZZU - 5840 PowerPlex® Fusion 6C						
	15,3,18,3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24	11,14	7,12	19	6,8	8
	14,17					
3XRGEA - 5842 PowerPlex® Fusion 5C						
	15,3,18,3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24	11,14	7,12		6,8	8
	14,17					
42LVDH - 5840 PowerPlex® 5C						
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24	11,14	7,12		6,8	8,8
	14,17					
44RDH7 - 5840 PowerPlex®						
	15,3,18,3	23,23		14,18	12,13	11,11
3	8,9	14,14		21,23	8,13	11,12
	13,14	12,14	29,29		X,X	11,11
	22,2,24	11,14	7,12		6,8	8,8
	14,17					
46JCPC - 5840 GlobalFiler™						
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24			19,19	6,8	8,8
	14,17					

TABLE 1

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

Item 3 - STR Results

4DTPN8 - 5841	GlobalFiler™ Express					
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24			19,19	6,8	8,8
	14,17					
67AWV9 - 5840	GlobalFiler™ Express					
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24			19,19	6,8	8,8
	14,17					
6E4RA7 - 5841	GlobalFiler™ Express					
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24			19,19	6,8	8,8
	14,17					
6GCV74 - 5840	PowerPlex® 16 FAST (GeneMapper ID-X 1.5)					
	15,3,18,3	23,23	10,15	14,18		
3		14,14	12,13	21,23		11,12
	13,14	12,14	29,29	16,16	X,X	
	22,2,24				6,8	
	14,17					
6QJW3N - 5840	PowerPlex® Fusion					
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24	11,14	7,12		6,8	8,8
	14,17					
6QX9Y8 - 5841	GlobalFiler™ Express					
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24			19,19	6,8	8,8
	14,17					
6X6K77 - 5840	PowerPlex® 21					
	15,3,18,3	23,23		14,18	12,13	11,11
3	8,9	14,14		21,23	8,13	11,12
	13,14	12,14	29,29		X,X	11,11
	22,2,24	11,14	7,12		6,8	8,8
	14,17					

TABLE 1

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

Item 3 - STR Results

6ZMU67 - 5841	GlobalFiler™ Express					
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24			19,19	6,8	8,8
	14,17					
72HPDZ - 5842	GlobalFiler™ Express					
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24			19,19	6,8	8,8
	14,17					
7D8QMF - 5840	GlobalFiler™ Express PCR Amplification Kit					
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24			19,19	6,8	8,8
	14,17	-			-	
7MDQ39 - 5842	GlobalFiler™ Express					
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24			19,19	6,8	8,8
	14,17					
7UWRPD - 5842	GlobalFiler™ Express					
	15,3,18,3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24			19	6,8	8
	14,17					
84WN2E - 5840	GlobalFiler™ Express PCR Amplification kit					
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24			19,19	6,8	8,8
	14,17					
877YRQ - 5840	GlobalFiler™					
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24			19,19	6,8	8,8
	14,17					

TABLE 1

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

Item 3 - STR Results

8A76B3 - 5840	PowerPlex® Fusion					
	15,3,18,3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24	11,14	7,12		6,8	8
	14,17					
8D7F83 - 5840	PowerPlex® Fusion					
	15,3,18,3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24	11,14	7,12		6,8	8
	14,17					
8GND2K - 5840	Investigator® 24plex GO!					
	15,3,18,3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24			19	6,8	8
	14,17					
8YJ4VT - 5841	PowerPlex® Fusion 5C					
	15,3,18,3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24	11,14	7,12		6,8	8
	14,17					
94BX6Y - 5842	PowerPlex® Fusion 6C					
	15,3,18,3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24	11,14	7,12	19	6,8	8
	14,17					
9AXMPA - 5841	Identifiler® (GeneMapper ID-X)					
		23,23		14,18	12,13	
3	8,9	14,14			8,13	11,12
	13,14	12,14	29,29		X,X	11,11
	22,2,24				6,8	8,8
	14,17					
9DYT3U - 5841	GlobalFiler™ Express					
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24			19,19	6,8	8,8
	14,17					

TABLE 1

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

Item 3 - STR Results

9JPX3P - 5841	PowerPlex® Fusion 5C					
	15.3,18.3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22.2,24	11,14	7,12		6,8	8
	14,17					
9KJKX3 - 5841	GlobalFiler™					
	15.3,18.3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22.2,24			19	6,8	8
	14,17					
9VJERQ - 5841	PowerPlex® Fusion 5C					
	15.3,18.3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22.2,24	11,14	7,12		6,8	8
	14,17					
9XN392 - 5842	PowerPlex® Fusion 5C					
	15.3,18.3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22.2,24	11,14	7,12		6,8	8
	14,17	N/A				
A66XNW - 5842	GlobalFiler™ Express					
	15.3,18.3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22.2,24			19,19	6,8	8,8
	14,17					
AGFDPA - 5840	GlobalFiler™ Express PCR Amplification kit					
	15.3,18.3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22.2,24			19,19	6,8	8,8
	14,17					
AM6QQX - 5842	PowerPlex® Fusion 6C					
	15.3,18.3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22.2,24	11,14	7,12	19	6,8	8
	14,17					

TABLE 1

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

Item 3 - STR Results

AT83MU - 5840 GlobalFiler™						
	15,3,18,3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24			19	6,8	8
	14,17					
B7D9KZ - 5840 GlobalFiler™						
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24			19,19	6,8	8,8
	14,17					
BEPE9Q - 5840 PowerPlex® Fusion 5C						
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24	11,14	7,12		6,8	8,8
	14,17					
BH62MV - 5842 PowerPlex® Fusion 6C						
	15,3,18,3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24	11,14	7,12	19	6,8	8
	14,17					
BT3XPW - 5841 GlobalFiler™						
	15,3,18,3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24			19	6,8	8
	14,17					
BUXK22 - 5840 GlobalFiler™ Express PCR Amplification Kit						
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24			19,19	6,8	8,8
	14,17					
C2BZ6U - 5841 GlobalFiler™ Express						
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24			19,19	6,8	8,8
	14,17					

TABLE 1

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

Item 3 - STR Results

C6TV8M - 5840 PowerPlex® Fusion 5C, GlobalFiler™

	15,3,18,3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24	11,14	7,12	19,19	6,8	8
	14,17					

CH6C3Y - 5842 Identifiler®, PowerPlex® 16

		23		14,18	12,13	
3	8,9	14			8,13	11,12
	13,14	12,14	29		X	11
	22,2,24	11,14	7,12		6,8	8
	14,17					

DG4ND8 - 5840 GlobalFiler™ Express PCR Amplification Kit

	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	XX	11,11
	22,2,24			19,19	6,8	8,8
	14,17					

DPCEHW - 5840 PowerPlex® Fusion 6C

	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	XX	11,11
	22,2,24	11,14	7,12	19,19	6,8	8,8
	14,17					

DV7C8M - 5841 PowerPlex® Fusion 5C

	15,3,18,3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24	11,14	7,12		6,8	8
	14,17					

E72UE2 - 5842 PowerPlex® Fusion 5C

	15,3,18,3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24	11,14	7,12		6,8	8
	14,17	NR				

EDFQ49 - 5840 PowerPlex® Fusion 5C

	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	XX	11,11
	22,2,24	11,14	7,12		6,8	8,8
	14,17					

TABLE 1

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

Item 3 - STR Results

EEBEHW - 5840 GlobalFiler™ Express PCR Amplification Kit

	15,3,18.3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24			19,19	6,8	8,8
	14,17					

EQMG4V - 5840 PowerPlex® Fusion 6C

	15,3,18.3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24	11,14	7,12	19,19	6,8	8,8
	14,17					

ETVULW - 5840 PowerPlex® Fusion 6C

	15,3,18.3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24	11,14	7,12	19,19	6,8	8,8
	14,17					

FBCD2Z - 5842 PowerPlex® Fusion 6C

	15,3,18.3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24	11,14	7,12	19,19	6,8	8,8
	14,17					

FE7CA4 - 5841 PowerPlex® Fusion 6C

	15,3,18.3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24	11,14	7,12	19	6,8	8
	14,17	NR	NR	NR		

FEVAN6 - 5841 PowerPlex® Fusion 6C

	15,3,18.3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24	11,14	7,12	19	6,8	8
	14,17	NR	NR	NR		

FFKN7N - 5841 GlobalFiler™ Express

	15,3,18.3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24			19,19	6,8	8,8
	14,17					

TABLE 1

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

Item 3 - STR Results

FHULPW - 5841 GlobalFiler™						
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24			19,19	6,8	8,8
	14,17					
FQZTY6 - 5840 PowerPlex® Fusion 5C						
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24	11,14	7,12		6,8	8,8
	14,17					
G3U9LK - 5840 GlobalFiler™ Express						
	15,3,18,3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24			19	6,8	8
	14,17					
G4PU9K - 5840 PowerPlex® Fusion 5C						
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24	11,14	7,12		6,8	8,8
	14,17					
GHQNL E - 5840 PowerPlex® Fusion 5C						
	15,3,18,3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24	11,14	7,12		6,8	8
	14,17					
GLM66Z - 5842 GlobalFiler™ Express						
	15,3,18,3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24			19	6,8	8
	14,17					
GNE4ER - 5840 GlobalFiler™						
	15,3,18,3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24			19	6,8	8
	14,17					

TABLE 1

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

Item 3 - STR Results

GT6PYZ - 5842	PowerPlex® Fusion 5C					
	15,3,18,3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24	11,14	7,12		6,8	8
	14,17	NR				
GVB3PE - 5840	PowerPlex® Fusion 5C					
	11,15	17,24	10,14	14,15	12,13	
3	10,11	12,14	14,15	20,21	10,11	10,13
	14,14	13,14	30,32,2	16,17	XX	10,10
	24,24	11,13	12,12		8,9	8,11
	15,16					
GY7Y7R - 5841	GlobalFiler™ Express					
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	XX	11,11
	22,2,24			19,19	6,8	8,8
	14,17					
GYVRAQ - 5842	PowerPlex® Fusion 6C					
	15,3,18,3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24	11,14	7,12	19	6,8	8
	14,17					
H7NMKU - 5840	GlobalFiler™ Express PCR Amplification kit					
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	XX	11,11
	22,2,24			19,19	6,8	8,8
	14,17					
J8YTGV - 5842	PowerPlex® Fusion 5C					
	15,3,18,3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24	11,14	7,12		6,8	8
	14,17	NR				
JLJBCK - 5841	GlobalFiler™ Express					
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	XX	11,11
	22,2,24			19,19	6,8	8,8
	14,17					

TABLE 1

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

Item 3 - STR Results

JVNA82 - 5842 GlobalFiler™ Express						
	15,3,18.3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24			19	6,8	8
	14,17					
K7XF9T - 5840 GlobalFiler™ Express						
	15,3,18.3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24			19,19	6,8	8,8
	14,17					
K7Y4WY - 5840 Investigator® 24plex						
	15,3,18.3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24			19	6,8	8
	14,17					
KD2D3R - 5842 PowerPlex® Fusion 5C						
	15,3,18.3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24	11,14	7,12		6,8	8
	14,17	No Results				
KHW8X8 - 5840 PowerPlex® Fusion 5C						
	15,3,18.3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24	11,14	7,12		6,8	8,8
	14,17	NR				
KKKGAU - 5840 GlobalFiler™ Express						
	15,3,18.3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24			19,19	6,8	8,8
	14,17					
KPUWGW - 5842 GlobalFiler™						
	15,3,18.3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24			19	6,8	8
	14,17					

TABLE 1

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

Item 3 - STR Results

KQK89P - 5841 GlobalFiler™ Express						
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24			19,19	6,8	8,8
	14,17					
KR22BK - 5841 GlobalFiler™ Express						
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24			19,19	6,8	8,8
	14,17					
LGDK2B - 5840 PowerPlex® Fusion 6C						
	15,3,18,3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24	11,14	7,12	19	6,8	8
	14,17					
LPT9UR - 5840 GlobalFiler™ Express						
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24			19,19	6,8	8,8
	14,17					
MAVCBT - 5840 GlobalFiler™ Express						
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24			19,19	6,8	8,8
	14,17					
MH8LMT - 5840 PowerPlex® F6C						
	15,3,18,3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24	11,14	7,12	19	6,8	8
	14,17					
MKRJQP - 5841 GlobalFiler™ Express						
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24			19,19	6,8	8,8
	14,17					

TABLE 1

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

Item 3 - STR Results

MKU8DV - 5842 PowerPlex® Fusion 5C						
	15,3,18.3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24	11,14	7,12		6,8	8
	14,17	NR				
MQ2QFU - 5842 GlobalFiler™ Express						
	15,3,18.3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24			19	6,8	8
	14,17					
N2DK6R - 5841 GlobalFiler™						
	15,3,18.3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	XX	11
	22,2,24			19	6,8	8
	14,17					
N6WF8K - 5842 GlobalFiler™						
	15,3,18.3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	1,1	11,11
	22,2,24			19,19	6,8	8,8
	14,17					
N9WJ2R - 5842 PowerPlex® Fusion 6C						
	15,3,18.3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	XX	11,11
	22,2,24	11,14	7,12	19,19	6,8	8,8
	14,17					
NR9HXA - 5841 GlobalFiler™ Express						
	15,3,18.3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	XX	11,11
	22,2,24			19,19	6,8	8,8
	14,17					
P7KFFF - 5841 GlobalFiler™ Express						
	15,3,18.3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	XX	11,11
	22,2,24			19,19	6,8	8,8
	14,17					

TABLE 1

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

Item 3 - STR Results

PEEKAF - 5841	GlobalFiler™ Express					
	15.3,18.3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22.2,24			19,19	6,8	8,8
	14,17					
PKM4AU - 5840	GlobalFiler™ Express PCR Amplification kit					
	15.3,18.3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22.2,24			19,19	6,8	8,8
	14,17					
PN46V2 - 5840	PowerPlex® Fusion 5C					
	15.3,18.3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22.2,24	11,14	7,12		6,8	8,8
	14,17					
PR4DZC - 5840	GlobalFiler™ Express					
	15.3,18.3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22.2,24			19	6,8	8
	14,17					
Q2N4ZA - 5841	PowerPlex® Fusion 5C					
	15.3,18.3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22.2,24	11,14	7,12		6,8	8
	14,17					
Q72N7V - 5840	GlobalFiler™ Express PCR Amplification Kit					
	15.3,18.3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22.2,24			19,19	6,8	8,8
	14,17					
QEU23N - 5841	GlobalFiler™ Express					
	15.3,18.3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22.2,24			19,19	6,8	8,8
	14,17					

TABLE 1

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

Item 3 - STR Results

QG38L4 - 5840 GlobalFiler™						
	15,3,18,3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24			19	6,8	8
	14,17					
QVJ34L - 5842 GlobalFiler™ Express						
	15,3,18,3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24			19	6,8	8
	14,17	NR			NR	
QXADUE - 5841 GlobalFiler™ Express						
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	XX	11,11
	22,2,24			19,19	6,8	8,8
	14,17					
QXNWEC - 5841 GlobalFiler™ Express						
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	XX	11,11
	22,2,24			19,19	6,8	8,8
	14,17					
R2KYZQ - 5840 Investigator® 24plex GO!						
	15,3,18,3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24			19	6,8	8
	14,17					
RBQNZG - 5840 PowerPlex® Fusion 6C						
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	XX	11,11
	22,2,24	11,14	7,12	19,19	6,8	8,8
	14,17					
RC49TQ - 5842 GlobalFiler™ Express						
	15,3,18,3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24			19	6,8	8
	14,17					

TABLE 1

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

Item 3 - STR Results

RHUH3P - 5842 PowerPlex® Fusion 6C						
	15,3,18.3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24	11,14	7,12	19,19	6,8	8,8
	14,17					
RKFG7L - 5841 GlobalFiler™ Express						
	15,3,18.3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24			19,19	6,8	8,8
	14,17					
T2XRD7 - 5841 PowerPlex® Fusion 5C						
	15,3,18.3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24	11,14	7,12		6,8	8
	14,17					
T4RDAH - 5841 GlobalFiler™						
	15,3,18.3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24			19	6,8	8
	14,17					
TGAB77 - 5840 GlobalFiler™						
	15,3,18.3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24			19	6,8	8
	14,17					
TKEUCE - 5840 GlobalFiler™						
	15,3,18.3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24			19	6,8	8
	14,17					
TNAQVD - 5842						
	15,3,18.3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24	11,14	7,12	19	6,8	8
	14,17					

TABLE 1

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

Item 3 - STR Results

TRWCLF - 5841	GlobalFiler™ Express					
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24			19,19	6,8	8,8
	14,17					
TT9Y7F - 5840	NGM SElectExpress					
	15,3,18,3	23,23	10,15	14,18		
3		14,14	12,13	21,23		11,12
	13,14	12,14	29,29	16,16	X,X	
	22,2,24			19,19	6,8	
	14,17					
TX3279 - 5840	PowerPlex® Fusion					
	15,3,18,3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24	11,14	7,12		6,8	8
	14,17					
U2F6D3 - 5840	GlobalFiler™					
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24			19,19	6,8	8,8
	14,17					
U4KQ69 - 5840	GlobalFiler™ Express					
	15,3,18,3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24			19	6,8	8
	14,17					
UBK9JL - 5842	GlobalFiler™ Express					
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24			19,19	6,8	8,8
	14,17					
ULLVCH - 5842	PowerPlex® 6C					
	15,3,18,3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24	11,14	7,12	19	6,8	8
	14,17	no results	no results	no results		

TABLE 1

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

Item 3 - STR Results

UXUGVB - 5840 GlobalFiler™						
	15,3,18,3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24			19	6,8	8
	14,17					
V8DALX - 5840 PowerPlex® Fusion 5C						
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24	11,14	7,12		6,8	8,8
	14,17					
V9W2VH - 5840 GlobalFiler™ Express PCR Amplification Kit						
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24			19,19	6,8	8,8
	14,17					
VH3WXN - 5842 GlobalFiler™ Express						
	15,3,18,3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24			19	6,8	8
	14,17					
W7ZZ9Q - 5840 PowerPlex® Fusion 5C						
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24	11,14	7,12		6,8	8,8
	14,17					
WKGZ6 - 5840 PowerPlex® Fusion 5C						
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24	11,14	7,12		6,8	8,8
	14,17					
WN3PGG - 5840 PowerPlex® Fusion, GlobalFiler™ Express						
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24	11,14	7,12	19,19	6,8	8,8
	14,17					

TABLE 1

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

Item 3 - STR Results

X2KU44 - 5841 GlobalFiler™ Express						
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24			19,19	6,8	8,8
	14,17					
X4T4Z8 - 5840 GlobalFiler™						
	15,3,18,3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24			19	6,8	8
	14,17					
XPVTUP - 5840 PowerPlex® Fusion 5C						
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24	11,14	7,12		6,8	8,8
	14,17					
XVW6QL - 5842 PowerPlex® 16, Fusion 6C, GlobalFiler™						
	15,3,18,3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24	11,14	7,12	19	6,8	8
	14,17	-	-	-	-	
XXLH94 - 5841 GlobalFiler™ Express						
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24			19,19	6,8	8,8
	14,17					
Y2GP78 - 5840 GlobalFiler™						
	15,3,18,3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24			19	6,8	8
	14,17					
Y63DNY - 5841 GlobalFiler™ Express						
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24			19,19	6,8	8,8
	14,17					

TABLE 1

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

Item 3 - STR Results

Y8JXBE - 5840	GlobalFiler™ Express PCR Amplification Kit					
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24			19,19	6,8	8,8
	14,17					
YAW9NK - 5840	GlobalFiler™ Express PCR Amplification Kit					
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24			19,19	6,8	8,8
	14,17					
YH46A4 - 5840	GlobalFiler™					
	15,3,18,3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24			19	6,8	8
	14,17					
YJW3HA - 5841	GlobalFiler™ Express					
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24			19,19	6,8	8,8
	14,17					
YKU4QM - 5840	PowerPlex® Fusion 5C					
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24	11,14	7,12		6,8	8,8
	14,17					
YLMZDV - 5840	PowerPlex® Fusion					
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24	11,14	7,12		6,8	8,8
	14,17					
YQXA46 - 5840	GlobalFiler™					
	15,3,18,3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24			19	6,8	8
	14,17					

TABLE 1

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

Item 3 - STR Results

YRQ9BB - 5841 GlobalFiler™ Express						
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24			19,19	6,8	8,8
	14,17					
Z9AJGA - 5840 PowerPlex® Fusion 6C						
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24	11,14	7,12	19,19	6,8	8,8
	14,17					
ZAT3N3 - 5840 GlobalFiler™ Express						
	15,3,18,3	23	10,15	14,18	12,13	
3	8,9	14	12,13	21,23	8,13	11,12
	13,14	12,14	29	16	X	11
	22,2,24			19	6,8	8
	14,17					
ZBL2WA - 5841 GlobalFiler™ Express						
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24			19,19	6,8	8,8
	14,17					
ZGMDT7 - 5841 GlobalFiler™ Express						
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24			19,19	6,8	8,8
	14,17					
ZTZDPZ - 5840 PowerPlex® Fusion 5C						
	15,3,18,3	23,23	10,15	14,18	12,13	
3	8,9	14,14	12,13	21,23	8,13	11,12
	13,14	12,14	29,29	16,16	X,X	11,11
	22,2,24	11,14	7,12		6,8	8,8
	14,17					

YSTR Amplification Kit(s) & Results

TABLE 2

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

Item 1 - YSTR Results

2EG6AD-5842 PowerPlex® Y Y23

1



3FMWTE-5842 Yfiler®

1

NR	NR, NR	NR	NR	NR	NR	NR	NR	NR	NR
NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
							NR		NR

72HPDZ-5842 PowerPlex® Y 23

1



A66XNW-5842 PowerPlex® Y Y23

1



CH6C3Y-5842 Yfiler®

1

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
							0		0

E72UE2-5842 Yfiler®

1

NR	NR, NR	NR	NR	NR	NR	NR	NR	NR	NR
NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
							NR		NR

G4PU9K-5840 PowerPlex® Y 23

1



GT6PYZ-5842 Yfiler®, Fusion 5C

1

NR	NR, NR	NR	NR	NR	NR	NR	NR	NR	NR
NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
							NR		NR

J8YTGv-5842 Yfiler®

1

NR	NR, NR	NR	NR	NR	NR	NR	NR	NR	NR
NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
							NR		NR

JLJBCK-5841 Yfiler®

1



KQK89P-5841 Yfiler®

1



TABLE 2

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

Item 1 - YSTR Results

N6WF8K-5842	PowerPlex® Y								
1	[REDACTED]								
P7KFFF-5841	Yfiler®								
1	[REDACTED]								
QVJ34L-5842	Yfiler® Plus								
1	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
TX3279-5840	Yfiler®								
1	[REDACTED]								
UBK9JL-5842	PowerPlex® Y 23								
1	[REDACTED]								
ULLVCH-5842	PowerPlex® Y 23								
1	no results	no results	no results	no results	no results	no results	no results	no results	no results
	no results	no results	no results	no results	no results	no results	no results	no results	no results
	no results	no results	no results	no results	no results	no results	no results	no results	no results
ZBL2WA-5841	Yfiler®								
1	[REDACTED]								
ZGMDT7-5841	Yfiler®								
1	[REDACTED]								
ZTZDPZ-5840	PowerPlex® Y 23								
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
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
2EG6AD-5842	PowerPlex® Y Y23								
2		14	11,13	13	29	25	11	15	13
	15	12	12	18		17	17		24
		13	12	17	18		23	10	12
2TX6ZC-5840	Yfiler® Plus PCR Amplification kit								
2	36,37	14	11,13	13	29	25	11	15	13
	15	12	12	18	30	17	17	12	24
	37	13		17	18	24	23		12
2XCXUC-5840	Yfiler® Plus								
2	36,37	14	11,13	13	29	25	11	15	13
	15	12	12	18	30	17	17	12	24
	37	13		17	18	24	23		12
37LM9B-5842	PowerPlex® Y 23								
2		14	11,13	13	29	25	11	15	13
	15	12	12	18		17	17		24
		13	12	17	18		23	10	12
3FMWTE-5842	Yfiler®								
2		14	11,13	13	29	25	11	15	13
	15	12	12	18		17	17		
							23		12
46JCPC-5840	Yfiler®								
2		14	11,13	13	29	25	11	15	13
	15	12	12	18		17	17		
							23		12
67AWV9-5840									
2	36,37	14	11,13	13	29	25	11	15	13
	15	12	12	18	30	17	17	12	24
	37	13		17	18	24	23		12
6GCV74-5840	Yfiler® Plus								
2	36,37	14	11,13	13	29	25	11	15	13
	15	12	12	18	30	17	17	12	24
	37	13		17	18	24	23		12
72HPDZ-5842	PowerPlex® Y 23								
2		14	11,13	13	29	25	11	15	13
	15	12	12	18		17	17		24
		13	12	17	18		23	10	12
7D8QMF-5840	Yfiler® Plus PCR Amplification Kit								
2	36,37	14	11,13	13	29	25	11	15	13
	15	12	12	18	30	17	17	12	24
	37	13		17	18	24	23		12
7MDQ39-5842									
2		14	11,13	13	29	25	11	15	13
	15	12	12	18		17	17		24
		13	12	17	18		23	10	12

TABLE 2

WebCode-Test		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
84WN2E-5840	Yfiler® Plus PCR Amplification kit								
2	36,37	14	11,13	13	29	25	11	15	13
	15	12	12	18	30	17	17	12	24
	37	13		17	18	24	23		12
877YRQ-5840	Yfiler® Plus								
2	36,37	14	11,13	13	29	25	11	15	13
	15	12	12	18	30	17	17	12	24
	37	13		17	18	24	23		12
8D7F83-5840	Yfiler®								
2		14	11,13	13	29	25	11	15	13
	15	12	12	18		17	17		
							23		12
94BX6Y-5842	PowerPlex® Y Y23								
2		14	11,13	13	29	25	11	15	13
	15	12	12	18		17	17		24
		13	12	17	18		23	10	12
9XN392-5842	PowerPlex® Y Y23								
2		14	11,13	13	29	25	11	15	13
	15	12	12	18		17	17		24
		13	12	17	18		23	10	12
A66XNW-5842	PowerPlex® Y Y23								
2		14	11,13	13	29	25	11	15	13
	15	12	12	18		17	17		24
		13	12	17	18		23	10	12
AGFDPA-5840	Yfiler® Plus PCR Amplification kit								
2	36,37	14	11,13	13	29	25	11	15	13
	15	12	12	18	30	17	17	12	24
	37	13		17	18	24	23		12
AM6QX-5842	PowerPlex® Y 23								
2		14	11,13	13	29	25	11	15	13
	15	12	12	18		17	17		24
		13	12	17	18		23	10	12
B7D9KZ-5840	Yfiler® Plus								
2	36,37	14	11,13	13	29	25	11	15	13
	15	12	12	18	30	17	17	12	24
	37	13		17	18	24	23		12
BUXK22-5840	Yfiler® Plus PCR Amplification Kit								
2	36,37	14	11,13	13	29	25	11	15	13
	15	12	12	18	30	17	17	12	24
	37	13		17	18	24	23		12
C6TV8M-5840	Yfiler® Plus, PowerPlex® Y 23								
2		14	11,13	13	29	25	11	15	13
	15	12	12	18		17	17		24
		13	12	17	18		23	10	12

TABLE 2

WebCode-Test		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
CH6C3Y-5842	Yfiler®								
2	14	11,13	13	29	25	11	15	13	
	15	12	12	18		17	17		
							23		12
DG4ND8-5840	Yfiler® Plus PCR Amplification Kit								
2	36,37	14	11,13	13	29	25	11	15	13
	15	12	12	18	30	17	17	12	24
	37	13		17	18	24	23		12
E72UE2-5842	Yfiler®								
2	14	11,13	13	29	25	11	15	13	
	15	12	12	18		17	17		
							23		12
EEBEHW-5840	Yfiler® Plus PCR Amplification Kit								
2	36,37	14	11,13	13	29	25	11	15	13
	15	12	12	18	30	17	17	12	24
	37	13		17	18	24	23		12
FEVAN6-5841	Yfiler® Plus								
2	36,37	14	11,13	13	29	25	11	15	13
	15	12	12	18	30	17	17	12	24
	37	13		17	18	24	23		12
FHULPW-5841	Yfiler® Plus								
2	36,37	14	11,13	13	29	25	11	15	13
	15	12	12	18	30	17	17	12	24
	37	13		17	18	24	23		12
G4PU9K-5840	PowerPlex® Y 23								
2	14	11,13	13	29	25	11	15	13	
	15	12	12	18		17	17		24
		13	12	17	18		23	10	12
GT6PYZ-5842	Yfiler®, Fusion 5C								
2	14	11,13	13	29	25	11	15	13	
	15	12	12	18		17	17		
							23		12
H7NMKU-5840	Yfiler® Plus Amplification Kit								
2	36,37	14	11,13	13	29	25	11	15	13
	15	12	12	18	30	17	17	12	24
	37	13		17	18	24	23		12
J8YTGv-5842	Yfiler®								
2	14	11,13	13	29	25	11	15	13	
	15	12	12	18		17	17		
							23		12
LLJBCK-5841	Yfiler®								
2	14	11,13	13	29	25	11	15	13	
	15	12	12	18		17	17		
							23		12

TABLE 2

WebCode-Test		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
KD2D3R-5842	PowerPlex® Y 23								
2	14	11,13	13	29	25	11	15	13	
	15	12	12	18	17	17		24	
	13	12	17	18		23	10	12	
KKKGAAU-5840	Yfiler® Plus								
2	36,37	14	11,13	13	29	25	11	15	13
	15	12	12	18	30	17	17	12	24
	37	13	17	18	24	23		12	
KQK89P-5841	Yfiler®								
2	14	11,13	13	29	25	11	15	13	
	15	12	12	18	17	17			
						23		12	
N6WF8K-5842	PowerPlex® Y								
2	14,14	11,13	13,13	29,29	25,25	11,11	15,15	13,13	
	15,15	12,12	12,12	18,18	17,17	17,17		24,24	
	13,13	12,12	17,17	18,18		23,23	10,10	12,12	
P7KFFF-5841	Yfiler®								
2	14	11,13	13	29	25	11	15	13	
	15	12	12	18	17	17			
						23		12	
PEEKAF-5841	Yfiler®								
2	14	11,13	13	29	25	11	15	13	
	15	12	12	18	17	17			
						23		12	
PKM4AU-5840	Yfiler® Plus PCR Amplification kit								
2	36,37	14	11,13	13	29	25	11	15	13
	15	12	12	18	30	17	17	12	24
	37	13	17	18	24	23		12	
Q72N7V-5840	Yfiler® Plus PCR Amplification Kit								
2	36,37	14	11,13	13	29	25	11	15	13
	15	12	12	18	30	17	17	12	24
	37	13	17	18	24	23		12	
QVJ34L-5842	Yfiler® Plus								
2	36,37	14	11,13	13	29	25	11	15	13
	15	12	12	18	30	17	17	12	24
	37	13	17	18	24	23		12	
TGAB77-5840	Yfiler®								
2	36,37	14	11,13	13	29	25	11	15	13
	15	12	12	18	30	17	17	12	24
	37	13	17	18	24	23		12	
TX3279-5840	Yfiler®								
2	14	11,13	13	29	25	11	15	13	
	15	12	12	18	17	17			
						23		12	

TABLE 2

WebCode-Test		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
U2F6D3-5840	Yfiler® Plus								
2	36,37	14	11,13	13	29	25	11	15	13
	15	12	12	18	30	17	17	12	24
	37	13		17	18	24	23		12
UBK9JL-5842	PowerPlex® Y 23								
2		14	11,13	13	29	25	11	15	13
	15	12	12	18		17	17		24
		13	12	17	18		23	10	12
ULLVCH-5842	PowerPlex® Y 23								
2		14	11,13	13	29	25	11	15	13
	15	12	12	18		17	17		24
		13	12	17	18		23	10	12
V9W2VH-5840	Yfiler® Plus PCR Amplification Kit								
2	36,37	14	11,13	13	29	25	11	15	13
	15	12	12	18	30	17	17	12	24
	37	13		17	18	24	23		12
WN3PGG-5840	Yfiler® Plus, PowerPlex® Y 23								
2	36,37	14	11,13	13	29	25	11	15	13
	15	12	12	18	30	17	17	12	24
	37	13	12	17	18	24	23	10	12
XVW6QL-5842	Yfiler®								
2		14	11,13	13	29	25	11	15	13
	15	12	12	18		17	17		
							23		12
Y8JXBE-5840	Yfiler® Plus PCR Amplification Kit								
2	36,37	14	11,13	13	29	25	11	15	13
	15	12	12	18	30	17	17	12	24
	37	13		17	18	24	23		12
YAW9NK-5840	Yfiler® Plus PCR Amplification Kit								
2	36,37	14	11,13	13	29	25	11	15	13
	15	12	12	18	30	17	17	12	24
	37	13		17	18	24	23		12
ZBL2WA-5841	Yfiler®								
2		14	11,13	13	29	25	11	15	13
	15	12	12	18		17	17		
							23		12
ZGMDT7-5841	Yfiler®								
2		14	11,13	13	29	25	11	15	13
	15	12	12	18		17	17		
							23		12
ZTZDPZ-5840	PowerPlex® Y 23								
2		14	11,13	13	29	25	11	15	13
	15	12	12	18		17	17		24
		13	12	17	18		23	10	12

TABLE 2

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

Item 3 - YSTR Results

2EG6AD-5842	PowerPlex® Y Y23								
3	[REDACTED]								
3FMWTE-5842	Yfiler®								
3	NR	NR,NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
							NR		NR
72HPDZ-5842	PowerPlex® Y 23								
3	[REDACTED]								
A66XNW-5842	PowerPlex® Y Y23								
3	[REDACTED]								
CH6C3Y-5842	Yfiler®								
3	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
							0		0
E72UE2-5842	Yfiler®								
3	NR	NR,NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
							NR		NR
G4PU9K-5840	PowerPlex® Y 23								
3	[REDACTED]								
GT6PYZ-5842	Yfiler®, Fusion 5C								
3	NR	NR,NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
							NR		NR
J8YTGV-5842	Yfiler®								
3	NR	NR,NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
							NR		NR
LIJBCK-5841	Yfiler®								
3	[REDACTED]								
KQK89P-5841	Yfiler®								
3	[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
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3 - YSTR Results

N6WF8K-5842	PowerPlex® Y								
3	[REDACTED]								
P7KFFF-5841	Yfiler®								
3	[REDACTED]								
QVJ34L-5842	Yfiler® Plus								
3	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
TX3279-5840	Yfiler®								
3	[REDACTED]								
UBK9JL-5842	PowerPlex® Y 23								
3	[REDACTED]								
ULLVCH-5842	PowerPlex® Y 23								
3	no results	no results	no results	no results	no results	no results	no results	no results	no results
	no results	no results	no results	no results	no results	no results	no results	no results	no results
	no results	no results	no results	no results	no results	no results	no results	no results	no results
ZBL2WA-5841	Yfiler®								
3	[REDACTED]								
ZGMDT7-5841	Yfiler®								
3	[REDACTED]								
ZTZDPZ-5840	PowerPlex® Y 23								
3	[REDACTED]								

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.

Locus	WebCode-Test	Item 1	Item 2	Item 3
--------------	---------------------	---------------	---------------	---------------

No additional DNA results were reported.

Additional Comments

TABLE 4

WebCode-Test	Additional Comments
37LM9B-5842	Samples labeled Item 1, Item 2, and Item 3 were tested and charted using the PCR-based Promega PowerPlex Fusion 5C System. Sample labeled Item 2 was tested and charted using the PCR-based Promega PowerPlex Y23 System. All evidence will be retained at [Laboratory] until the proficiency results are confirmed, at which point the evidence will be discarded.
3DD74B-5840	Y indel is not interpreted per validation, therefore no results are reported.
3FMWTE-5842	PowerPlex Fusion 5C and Yfiler was performed on Item 1, Item 2 and Item 3. Results were concordant at DYS391.
6QX9Y8-5841	Y indel - not captured as part of laboratory's expert system software.
9XN392-5842	Samples labeled Items 1-3 were tested and charted using the PCR-based Promega Powerplex Fusion 5C and Y23 Systems. All evidence will be retained at [Laboratory] until the proficiency results are confirmed, at which point the evidence will be discarded
E72UE2-5842	Fusion and Y-Filer were performed on all items. Results were concordant at DYS391.
FE7CA4-5841	NR indicates no results
FEVAN6-5841	NR = NO RESULTS
GHQNLE-5840	It took multiple tries to obtain a complete result from sample 2. It was very low.
GT6PYZ-5842	All reported items were tested with both PowerPlex Fusion and Yfiler kits. All samples were concordant between kits at DYS391.
GYVRAQ-5842	The analysis was performed robotically.
J8YTGV-5842	Fusion/Yfiler was performed on Item 1, Item 2, and Item 3. Results were concordant at the overlapping locus, DYS391.
JVNA82-5842	Item 1 was re-analyzed using GlobalFiler reagents with 100% concordance in results.
K7XF9T-5840	per protocol Y Indel not part of GFE panel
KD2D3R-5842	Samples labeled Item 1, Item 2, and Item 3 were tested and charted using the PCR-based Promega PowerPlex Fusion 5C System. Sample labeled Item 2 was tested and charted using the PCR-based Promega PowerPlex Y23 System. All evidence will be retained at [Laboratory] until the proficiency results are confirmed, at which point the evidence will be discarded.
KHW8X8-5840	NR = No Result
LPT9UR-5840	Per [Laboratory] validation, the Y-indel was removed from the panel and is not analyzed.
MAVCBT-5840	The Y Indel is not analyzed by the database laboratory; therefore, no Y Indel results are reported.
MKRJQP-5841	Per validation, Y indel range filter turned off, therefore will not be interpreted.
N9WJ2R-5842	Test completed utilizing manual analytical methods.
QEU23N-5841	The [Laboratory] does not utilize the Y-Indel during analysis.
QVJ34L-5842	NR = no results
R2KYZQ-5840	Item 1 Sample# 201902176. Item 2 Sample# 201902177. Item 3 Sample# 201902178.
RKFG7L-5841	Y indel is not analyzed by the database laboratory, therefore, no Y indel results are reported
ULLVCH-5842	Items 1-3 were tested and charted using the PCR-based Promega Powerplex Fusion 6C and Y23 Systems. All evidence will be retained at [Laboratory] until the proficiency results are confirmed, at which point the evidence will be discarded.

TABLE 4

WebCode-Test	Additional Comments
V8DALX-5840	Our laboratory had difficulties getting sample #2 to give a full profile on several of our tests. We use a BSD Duet to punch each of the samples multiple times and on one of the CTS proficiency tests, we could not get sample #2 to give a passing profile. We order one additional test as a back-up for situations like this, and had to use that additional test to get a passing sample #2 for one of our DNA analysts. [Name], DNA Technical Leader,[Laboratory]
W7ZZ9Q-5840	Automated extraction of Item 2 was attempted twice and a usable profile was not obtained. The laboratory maintains a manual extraction method, but the reporting technician is not competency tested to perform this extraction method.
WKGZX6-5840	Automated extraction of Item 2 was attempted twice and a usable profile was not obtained. The laboratory maintains a manual extraction method, but the reporting technician is not competency tested to perform this extraction method.

-End of Report-
(Appendix may follow)

Test No. 19-5840: DNA Database - Saliva

DATA MUST BE SUBMITTED BY **April 8, 2019, 11:59 p.m.** TO BE INCLUDED IN THE REPORT

Participant Code: U1234J

WebCode: UVVCK

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

Scenario:

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

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

Items Submitted (Sample Pack DBF1):

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

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

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

Part I: DNA Results for Known Item 1

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

STR Amplification Kit(s) Used:

Identifiler®

PowerPlex®

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

GlobalFiler™

Other

Investigator® 24plex

Report the Probabilistic Genotyping Software Used (if applicable):

Alleles below are sorted in Default order.

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

YSTR Amplification Kit(s) Used:

YFiler™

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.).

PowerPlex® Y

Other

Alleles below are sorted in Default order.

ITEM	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
1									
ITEM	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
1									
ITEM	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	Y GATA H4
1									

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

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

STR Amplification Kit(s) Used:

Identifiler®

PowerPlex®

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

GlobalFiler™

Other

Investigator® 24plex

Report the Probabilistic Genotyping Software Used (if applicable):

Alleles below are sorted in **Default** order.

ITEM	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
2						
ITEM	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
2						
ITEM	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
2						
ITEM	FGA	Penta D	Penta E	SE33	TH01	TPOX
2						
ITEM	vWA	DYS391	DYS570	DYS576	Y Indel	
2						

YSTR Amplification Kit(s) Used:

YFiler™

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.).

PowerPlex® Y

Other

Alleles below are sorted in **Default** order.

ITEM	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
2									
ITEM	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
2									
ITEM	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	Y GATA H4
2									

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

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

STR Amplification Kit(s) Used:

Identifiler®

PowerPlex®

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

GlobalFiler™

Other

Investigator® 24plex

Report the Probabilistic Genotyping Software Used (if applicable):

Alleles below are sorted in **Default** order.

ITEM	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
3						
ITEM	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
3						
ITEM	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
3						
ITEM	FGA	Penta D	Penta E	SE33	TH01	TPOX
3						
ITEM	vWA	DYS391	DYS570	DYS576	Y Indel	
3						

YSTR Amplification Kit(s) Used:

YFiler™

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.).

PowerPlex® Y

Other

Alleles below are sorted in **Default** order.

ITEM	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
3									
ITEM	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
3									
ITEM	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	Y GATA H4
3									

Part I (continued): DNA Analysis - Additional DNA

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

Locus	Item 1	Item 2	Item 3	Item 3e	Item 3sp

Part II: ADDITIONAL COMMENTS

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

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

RELEASE OF DATA TO ACCREDITATION BODIES

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

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

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

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

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

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

A2LA Certificate No.

Step 2: Complete the Laboratory Identifying Information in its entirety

Authorized Contact Person and Title

Laboratory Name

Location (City/State)