



## DNA Database - Saliva Test No. 18-5843/4/5 Summary Report

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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 151 participants and are compiled into the following tables:

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This report contains the data received from the participants in this test. Since these participants are located in many countries around the world, and it is their option how the samples are to be used (e.g., training exercise, known or blind proficiency testing, research and development of new techniques, etc.), the results compiled in the Summary Report are not intended to be an overview of the quality of work performed in the profession and cannot be interpreted as such. The Summary Comments are included for the benefit of participants to assist with maintaining or enhancing the quality of their results. These comments are not intended to reflect the general state of the art within the profession.

Participant results are reported using a randomly assigned "WebCode". This code maintains participant's anonymity, provides linking of the various report sections, and will change with every report.

## **Manufacturer's Information**

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

**SAMPLE PREPARATION:** All substrates were prepared from human buccal cheek cells suspended in sterile phosphate-buffered saline solution. The GE Healthcare FTA® Indicating Micro Cards were spotted with 120  $\mu$ l of the cell suspension, the Bode Buccal DNA Collectors™ were spotted with 200  $\mu$ l of the cell suspension, and the Puritan® Cap-Shure® swabs were spotted with 100  $\mu$ l of the cell suspension. Items 1 and 3 were created using different male donors, and Item 2 was created using a female donor. The Items were prepared at separate times and were packaged once they were thoroughly dried. Completed sample sets were stored at -20°C until shipment on July 23, 2018.

**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 with the exception of two loci in Item 1 where one laboratory noted dropout. Following communication with the laboratory CTS determined it was appropriate to move forward with regular distribution.

## Manufacturer's Information, continued

### Amelogenin and STR Results

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

Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
1	12,15	23,25	11,14	15,17	11,12	*
	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23	11,12	12,12	18,29.2	8,9	8,8
	18,19	10	17	19	2	
2	17,18.3	20,23	10,14	15,16	13,14	*
	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24	10,13	13,15	20.2,21	9.3,9.3	8,10
	16,18	NM	NM	NM	NM	
3	14,19.3	18,23	14,14	15,15	12,13	*
	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13	18,26.2	8,9.3	8,11
	16,17	11	16	19	2	

### YSTR Results

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

Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
1	33,36	14	11,14	14	31	25	10	13	13
	15	12	12	19	28	16	16	11	22
	39	13	13	17	19	22	23	11	12
3	36,36	14	11,14	14	30	25	11	13	14
	15	12	12	19	30	15	18	12	22
	39	12	13	16	19	22	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 male donors, and Item 2 was created using oral epithelial cells collected from a female donor. (See Manufacturer's Information for preparation details)

Of the 151 participants returning STR results, five participants reported results that differed from the consensus/predistribution testing results. One participant reported an inconsistent allele call of "17,18" at D1S1656 for Item 2, where the consensus was "17,18.3". Four participants were missing alleles at multiple loci for Items 1 and 3. These four participants all indicated the use of IntegenX RapidHIT ID instrumentation on the swab substrate samples.

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

# 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

2BUQAY - 5845	PowerPlex® F6C Direct					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2		X,Y	10,12
	23,23	11,12	12,12	18,29.2	8,9	8,8
	18,19	10	17	19		
2EZ8TP - 5843	GlobalFiler™ Express					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	
2G3YVA - 5844	GlobalFiler™ Express					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10				
2NAC4U - 5843	PowerPlex® Fusion					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23	11,12	12,12		8,9	8,8
	18,19	10				
3MQW6J - 5843	GlobalFiler™ GlobalFiler Express PCR Amplification Kit					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	
3QRTWY - 5843	PowerPlex® Fusion 6C					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23	11,12	12	18,29.2	8,9	8
	18,19	10	17	19		

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

3U467K - 5843	PowerPlex® Fusion 5C					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23	11,12	12,12		8,9	8,8
	18,19	10,10				
3VZN7Z - 5843	Identifiler® Plus					
		23,25		15,17	11,12	
1	10,11	10,13			13,14	12,14
	14,15	13.2,15.2	29,32.2		X,Y	10,12
	23				8,9	8
	18,19					
3ZUKVR - 5844	Investigator® 24plex GO					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23			18,29.2	8,9	8
	18,19	10				
4FJUAG - 5845	Identifiler® Plus					
		23,25		15,17	11,12	
1	10,11	10,13			13,14	12,14
	14,15	13.2,15.2	29,32.2		X,Y	10,12
	23,23				8,9	8,8
	18,19					
4MGLHB - 5845	Verifiler					
	12,15	23,25	11,14	15,17	11,12	12,12
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23	11,12	12,12	18,29.2	8,9	8,8
	18,19				2	
4MJCM9 - 5844	GlobalFiler™ Express					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10				
4NHVPF - 5845	GlobalFiler™ Express					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23			18,29.2	8,9	8
	18,19	10			2	

TABLE 1

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

## Item 1 - STR Results

4REYN9 - 5844	GlobalFiler™ Express					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	
4X6BLQ - 5843	GlobalFiler™ Express PCR Amplification Kit					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	
4Y2P9J - 5843	PowerPlex® Fusion 5C					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23	11,12	12,12		8,9	8,8
	18,19	10				
4YWKER - 5845	PowerPlex® Fusion 6C					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23	11,12	12,12	18,29.2	8,9	8,8
	18,19	10	17	19		
63BHKU - 5843	PowerPlex® Fusion					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23	11,12	12		8,9	8
	18,19	10				
6UEN79 - 5844	GlobalFiler™ Express					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	
6UGEA6 - 5844	GlobalFiler™ Express					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	

TABLE 1

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

Item 1 - STR Results

79WNPf - 5843	GlobalFiler™ PCR Amplification Kit					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23			18,29.2	8,9	8
	18,19	10			2	
7JWAZK - 5844	GlobalFiler™ Express					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	
7MXDR8 - 5844	GlobalFiler™ Express, GlobalFiler					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	
7VQNXW - 5845	GlobalFiler™ Express					
	12,15	No Results	11,14	15,17	11,12	
1	No Results	10,---	13,16	18,20	13,---	No Results
	14,---	13.2,15.2	29,---	15,16	X,Y	12,---
	23,---			No Results	8,9	8,---
	18,19	No Results			2	
7XW9LW - 5845	GlobalFiler™ Express					
	12,15	No Results	11,14	15,17	11,12	
1	No Results	No Results	13,16	18,20	No Results	14,---
	14,---	13.2,15.2	No Results	15,16	X,Y	No Results
	23,---			No Results	8,---	8,---
	18,19	No Results			2	
82CTGN - 5843	PowerPlex® Fusion					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23	11,12	12,12		8,9	8,8
	18,19	10				
8748XJ - 5844	GlobalFiler™ Express, GlobalFiler™					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	



TABLE 1

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

## Item 1 - STR Results

8AKED6 - 5843	Identifiler® Direct					
		23,25		15,17	11,12	
1	10,11	10,13			13,14	12,14
	14,15	13.2,15.2	29,32.2		X,Y	10,12
	23,23				8,9	8,8
	18,19					
8R4BQD - 5845	PowerPlex® Fusion, GlobalFiler™, PowerPlex® ESX (GeneMapper ID-X 1.5)					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23	11,12	12	18,29.2	8,9	8
	18,19	10			2	
8UBJ46 - 5844	GlobalFiler™ Express					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	
922TG8 - 5845	PowerPlex® Fusion 5C					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23	11,12	12		8,9	8
	18,19	10				
9CL6U6 - 5845	Identifiler® Plus					
		23,25		15,17	11,12	
1	10,11	10,13			13,14	12,14
	14,15	13.2,15.2	29,32.2		X,Y	10,12
	23,23				8,9	8,8
	18,19					
9LRXA - 5844	GlobalFiler™ Express					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	
9PTQH4 - 5844	GlobalFiler™ Express					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10				

TABLE 1

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

## Item 1 - STR Results

A4R3JL - 5843	PowerPlex® Fusion 5C					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23	11,12	12,12		8,9	8,8
	18,19	10				
A7TBG4 - 5844	GlobalFiler™ Express					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	
AEUMJT - 5844	PowerPlex® Fusion 5C					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23	11,12	12		8,9	8
	18,19	10				
AFLMEH - 5843	GlobalFiler™ Express					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	
APDW8L - 5843	PowerPlex® Fusion					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23	11,12	12,12		8,9	8,8
	18,19	10				
AQ6TWF - 5845	PowerPlex® 5C					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23	11,12	12		8,9	8
	18,19	10				
BBMML - 5845	GlobalFiler™					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23			18,29.2	8,9	8
	18,19	10			2	

TABLE 1

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

## Item 1 - STR Results

BTLNRJ - 5843 GlobalFiler™ Express PCR Amplification kit						
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	
BX2AKQ - 5844 PowerPlex® Fusion 5C						
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23	11,12	12		8,9	8
	18,19	10				
C2HWVB - 5843 PowerPlex® Fusion 6C						
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23	11,12	12,12	18,29.2	8,9	8,8
	18,19	10	17	19		
C46K8B - 5843 PowerPlex® Fusion 5C						
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23	11,12	12,12		8,9	8,8
	18,19	10				
C4ZL48 - 5845 GlobalFiler™ Express						
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23			18,29.2	8,9	8
	18,19	10			2	
C78CKH - 5843 PowerPlex® Fusion						
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23	11,12	12		8,9	8
	18,19	10				
CB4Z2P - 5843 PowerPlex® Fusion 5C						
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23	11,12	12		8,9	8
	18,19	10				

TABLE 1

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

## Item 1 - STR Results

CLLPU3 - 5845	PowerPlex® Fusion 5C					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23	11,12	12		8,9	8
	18,19	10				
CMUYJE - 5843	GlobalFiler™ Express PCR Amplification Kit					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	
CNNM3A - 5843	PowerPlex® Fusion 5C					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23	11,12	12,12		8,9	8,8
	18,19	10				
CQWF2 - 5845	GlobalFiler™ Express					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23			18,29.2	8,9	8
	18,19	10			2	
CYN9DF - 5845	GlobalFiler™ Express					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	
D4FXBX - 5844	Investigator® 24plex GO!					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23			18,29.2	8,9	8
	18,19	10				
DB2TAG - 5843	PowerPlex® Fusion 5C					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23	11,12	12,12		8,9	8,8
	18,19	10				

TABLE 1

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

## Item 1 - STR Results

DKPJW9 - 5843	PowerPlex® Fusion 6C					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23	11,12	12	18,29.2	8,9	8
	18,19	10	17	19		
DMC899 - 5843	PowerPlex® Fusion 5C					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23	11,12	12,12		8,9	8,8
	18,19	10				
DNZQ7Z - 5845	Identifiler® Plus					
		23,25		15,17	11,12	
1	10,11	10,13			13,14	12,14
	14,15	13.2,15.2	29,32.2		X,Y	10,12
	23,23				8,9	8,8
	18,19					
DT3DCB - 5845	PowerPlex® Fusion 5C					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23	11,12	12		8,9	8
	18,19	10				
E4TVW9 - 5843	PowerPlex® Fusion 5C					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23	11,12	12,12		8,9	8,8
	18,19	10				
EBB79A - 5843	PowerPlex® Fusion 5C					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23	11,12	12,12		8,9	8,8
	18,19	10				
EDGN87 - 5843	GlobalFiler™ Express PCR Amplification Kit					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	

TABLE 1

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

## Item 1 - STR Results

EX8VLN - 5844	PowerPlex® Fusion 5C					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23	11,12	12		8,9	8
	18,19	10				
FB79BJ - 5844	PowerPlex® 16 HS					
				15,17	11,12	
1	10,11	10,13			13,14	12,14
	14,15		29,32.2		X,Y	10,12
	23,23	11,12	12,12		8,9	8,8
	18,19					
FF4MY9 - 5844	GlobalFiler™ Express					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	
FHA2Q9 - 5845	PowerPlex® Fusion 6C					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23	11,12	12	18,29.2	8,9	8
	18,19	10	17	19		
FWRW4J - 5845	GlobalFiler™, GlobalFiler Express					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23			18,29.2	8,9	8
	18,19	10			2	
FZAZU3 - 5844	GlobalFiler™ Express					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	
G9LG23 - 5844	GlobalFiler™ Express					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	

TABLE 1

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

## Item 1 - STR Results

GB4RWL - 5844	PowerPlex® Fusion 5C					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23	11,12	12		8,9	8
	18,19	10				
GUXCU7 - 5843	PowerPlex® Fusion 5C					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23	11,12	12,12		8,9	8,8
	18,19	10				
HFBT7U - 5844	GlobalFiler™ Express					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10				
HL6ACU - 5844	PowerPlex® Fusion 6C					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23	11,12	12	18,29.2	8,9	8
	18,19	10	17	19		
JB3B2Z - 5845	GlobalFiler™ Express					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	
JDZYH - 5844	PowerPlex® 5C					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23	11,12	12		8,9	8
	18,19	10				
JF9EGZ - 5843	GlobalFiler™ Express PCR Amplification Kit					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	

TABLE 1

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

## Item 1 - STR Results

JJ7XJY - 5844	GlobalFiler™ Express					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	
JLD3B2 - 5843	PowerPlex® Fusion Y ESX					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23	11,12	12,12	18,29.2	8,9	8,8
	18,19	10				
JMBEZ3 - 5843	PowerPlex® Fusion 6C					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23	11,12	12,12	18,29.2	8,9	8,8
	18,19	10	17	19		
JMPRJ7 - 5844	NGM SElect					
	12,15	23,25	11,14	15,17		
1		10,13	13,16	18,20		12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	
	23,23			18,29.2	8,9	
	18,19					
JXA7EV - 5845	Identifiler® Plus					
		23,25		15,17	11,12	
1	10,11	10,13			13,14	12,14
	14,15	13.2,15.2	29,32.2		X,Y	10,12
	23,23				8,9	8,8
	18,19					
JXT6FZ - 5844	GlobalFiler™ Express					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	
KBGALB - 5844	Investigator® 24plex GO!					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23			18,29.2	8,9	8
	18,19	10				



TABLE 1

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

## Item 1 - STR Results

KJRJB - 5843	PowerPlex® Fusion 5C					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23	11,12	12,12		8,9	8,8
	18,19	10				
KY6UMH - 5844	PowerPlex® Fusion 5C					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23	11,12	12		8,9	8
	18,19	10				
LFLPAP - 5844	GlobalFiler™					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	
LH7ERG - 5845	GlobalFiler™ Express					
	12,15	23,25	11,14	15,17	11,12	
1	No Results	10,13	13,16	18,20	13,14	12,---
	14,---	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			No Results	8,9	8,8
	18,19	No Results			2	
LLU4Z2 - 5843						
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23	11,12	12,12	18,29.2	8,9	8,8
	18,19	10,10	17,17	19,19		
LWV8P6 - 5845	PowerPlex® Fusion 5C					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23	11,12	12		8,9	8
	18,19	10				
MBPDW6 - 5845	GlobalFiler™ Express					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	

TABLE 1

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

## Item 1 - STR Results

MGYAZE - 5843 PowerPlex® Fusion 6C						
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23	11,12	12	18,29.2	8,9	8
	18,19	10	17	19		
MTTN3W - 5845 GlobalFiler™ Express						
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	
MWMXJN - 5843 Identifiler® Direct						
		23,25		15,17	11,12	
1	10,11	10,13			13,14	12,14
	14,15	13.2,15.2	29,32.2		X,Y	10,12
	23,23				8,9	8,8
	18,19					
NEZVKY - 5843 PowerPlex® Fusion 5C						
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23	11,12	12,12		8,9	8,8
	18,19	10				
NMWMTT - 5844 GlobalFiler™ Express						
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	
NUBJPM - 5843 Identifiler® Direct						
		23,25		15,17	11,12	
1	10,11	10,13			13,14	12,14
	14,15	13.2,15.2	29,32.2		X,Y	10,12
	23,23				8,9	8,8
	18,19					
P8XWTA - 5845 GlobalFiler™ Express						
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23			18,29.2	8,9	8
	18,19	10			2	

TABLE 1

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

## Item 1 - STR Results

PCAN2N - 5844 GlobalFiler™ Express						
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	
PCCE7K - 5844 GlobalFiler™ Express						
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	
PJEJ3B - 5843 GlobalFiler™						
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23			18,29.2	8,9	8
	18,19	10			2	
PNN224 - 5845 Investigator® 24plex GO!						
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23			18,29.2	8,9	8
	18,19	10				
Q8GZ3V - 5843 PowerPlex® Fusion 6C						
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23	11,12	12	18,29.2	8,9	8
	18,19	10	17	19		
QCPKQT - 5843 PowerPlex® ESI 16 Loci						
	12,15	23,25	11,14	15,17		
1		10,13	13,16	18,20		12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	
	23,23				8,9	
	18,19					
QYKC3J - 5844 GlobalFiler™ Express						
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	

TABLE 1

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

## Item 1 - STR Results

R6NTV4 - 5845	PowerPlex® Fusion 6C					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23	11,12	12,12	18,29.2	8,9	8,8
	18,19	10	17	19		
RECJHW - 5845	PowerPlex® Fusion 5C					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23	11,12	12		8,9	8
	18,19	10				
REV6ET - 5843	NGM SElectExpress					
	12,15	23,25	11,14	15,17		
1		10,13	13,16	18,20		12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	
	23,23			18,29.2	8,9	
	18,19					
RGZVG3 - 5843	Investigator® 24plex GO!					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23			18,29.2	8,9	8
	18,19	10				
RLUR48 - 5845	GlobalFiler™, GlobalFiler Express					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23			18,29.2	8,9	8
	18,19	10			2	
RM7R23 - 5843	PowerPlex® Fusion					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23	11,12	12		8,9	8
	18,19	10				
RQL3E7 - 5845	GlobalFiler™ Express					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23			18,29.2	8,9	8
	18,19	10			2	

TABLE 1

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

## Item 1 - STR Results

RRFWT2 - 5843	GlobalFiler™ Express Amplification kit					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	
TP6X4R - 5843	PowerPlex® 21					
	12,15	23,25		15,17	11,12	12,12
1	10,11	10,13		18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2		X,Y	10,12
	23,23	11,12	12,12		8,9	8,8
	18,19					
TRCKVX - 5843	GlobalFiler™ Express					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	
TU3Q8G - 5844	GlobalFiler™ Express					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	
U2WF2Q - 5843	GlobalFiler™ Express PCR Amplification kit					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	
U3QYB6 - 5844	PowerPlex® Fusion					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23	11,12	12		8,9	8
	18,19	10				
U9WVU6 - 5845	GlobalFiler™, GlobalFiler™ Express					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23			18,29.2	8,9	8
	18,19	10			2	

TABLE 1

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

## Item 1 - STR Results

UCGHRY - 5845 GlobalFiler™ Express						
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	
UDTGNT - 5843 PowerPlex® Fusion 6C						
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23	11,12	12,12	18,29.2	8,9	8,8
	18,19	10,10	17,17	19,19		
UL4GH4 - 5845 GlobalFiler™ Express						
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23			18,29.2	8,9	8
	18,19	10			2	
ULJXEH - 5844 PowerPlex® Fusion 6C						
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23	11,12	12	18,29.2	8,9	8
	18,19	10	17	19		
UR7WXX - 5843 GlobalFiler™ Express PCR Amplification Kit						
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	
VD9XG2 - 5845 PowerPlex® PPF 6C						
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23	11,12	12,12	18,29.2	8,9	8,8
	18,19	10	17	19		
VLYLC4 - 5844 PowerPlex® Fusion						
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23	11,12	12		8,9	8
	18,19	10				

TABLE 1

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

## Item 1 - STR Results

VTKGD8 - 5844	PowerPlex® Fusion 5C					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23	11,12	12		8,9	8
	18,19	10				
VUCG9X - 5843	GlobalFiler™ Express PCR Amplification Kit					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	
WC9HJU - 5843	GlobalFiler™ Express					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	
WDYMVE - 5844	GlobalFiler™ Express					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	
WHVE2P - 5843	PowerPlex® Fusion 5C					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23	11,12	12,12		8,9	8,8
	18,19	10				
WLYZZN - 5843	GlobalFiler™					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23			18,29.2	8,9	8
	18,19	10			2	
WPA89F - 5843	Identifiler® Direct					
		23,25		15,17	11,12	
1	10,11	10,13			13,14	12,14
	14,15	13.2,15.2	29,32.2		X,Y	10,12
	23,23				8,9	8,8
	18,19					

TABLE 1

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

## Item 1 - STR Results

WQPDYQ - 5843 PowerPlex® Fusion 6C						
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23	11,12	12,12	18,29.2	8,9	8,8
	18,19	10	17	19		
XF3HEG - 5844 GlobalFiler™ Express						
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	
XJ6MU - 5843 GlobalFiler™ Express PCR Amplification Kit						
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	
XU4E93 - 5845 PowerPlex® Fusion 6C Direct						
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23	11,12	12,12	18,29.2	8,9	8,8
	18,19	10	17	19		
XZ7NHG - 5845 PowerPlex® Fusion 5C						
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23	11,12	12		8,9	8
	18,19	10				
YGCC72 - 5845 PowerPlex® Fusion 6C Direct						
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23	11,12	12,12	18,29.2	8,9	8,8
	18,19	10	17	19		
YJKF3X - 5845 GlobalFiler Express						
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23			18,29.2	8,9	8
	18,19	10			2	



TABLE 1

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

## Item 1 - STR Results

YT6L2M - 5843	PowerPlex® Fusion 6C					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23	11,12	12	18,29.2	8,9	8
	18,19	10	17	19		
YT8C6K - 5845	GlobalFiler™ Express					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	
Z63P4V - 5843	PowerPlex® Fusion					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23	11,12	12,12		8,9	8,8
	18,19	10				
Z6B42P - 5844	GlobalFiler™ Express					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	
Z6DVXC - 5844	GlobalFiler™ Express					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	
Z833FM - 5843	PowerPlex® Fusion 5C					
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23	11,12	12,12		8,9	8,8
	18,19	10				
Z8XKF4 - 5845	GlobalFiler™ Express					
	12,15	NR	11,14	15,17	11,12	
1	NR	NR	13,16	18,20	13,---	NR
	14,---	13.2,15.2	NR	15,16	X,Y	NR
	23,23			NR	8,9	8,---
	18,19	NR			2	

TABLE 1

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

Item 1 - STR Results

ZE66PU - 5843 PowerPlex® Fusion (5-dye)						
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23	11,12	12		8,9	8
	18,19	10				
ZMFBGQ - 5845 GlobalFiler™						
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23			18,29.2	8,9	8,8
	18,19	10			2	
ZQXHWD - 5843 PowerPlex® Fusion, GlobalFiler™ Express						
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23,23	11,12	12,12	18,29.2	8,9	8,8
	18,19	10			2	
ZXFYDZ - 5843 GlobalFiler™						
	12,15	23,25	11,14	15,17	11,12	
1	10,11	10,13	13,16	18,20	13,14	12,14
	14,15	13.2,15.2	29,32.2	15,16	X,Y	10,12
	23			18,29.2	8,9	8
	18,19	10			2	

TABLE 1

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

## Item 2 - STR Results

2BUQAY - 5845	PowerPlex® F6C Direct					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	XX	11,12
	20,24	10,13	13,15	20.2,21	9.3,9.3	8,10
	16,18					
2EZ8TP - 5843	GlobalFiler™ Express					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	XX	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					
2G3YVA - 5844	GlobalFiler™ Express					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	XX	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					
2NAC4U - 5843	PowerPlex® Fusion					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	XX	11,12
	20,24	10,13	13,15		9.3,9.3	8,10
	16,18					
3MQW6J - 5843	GlobalFiler™ Express PCR Amplification Kit					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	XX	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					
3QRTWY - 5843	PowerPlex® Fusion 6C					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24	10,13	13,15	20.2,21	9.3	8,10
	16,18					
3U467K - 5843	PowerPlex® Fusion 5C					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	XX	11,12
	20,24	10,13	13,15		9.3,9.3	8,10
	16,18					

TABLE 1

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

## Item 2 - STR Results

3VZN7Z - 5843	Identifiler® Plus					
		20,23		15,16	13,14	
2	10,12	13,16			11	12,13
	14,16	13,14	28,29		X	11,12
	20,24				9.3	8,10
	16,18					
3ZUKVR - 5844	Investigator® 24plex GO					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24			20.2,21	9.3	8,10
	16,18					
4FJUAG - 5845	Identifiler® Plus					
		20,23		15,16	13,14	
2	10,12	13,16			11,11	12,13
	14,16	13,14	28,29		XX	11,12
	20,24				9.3,9.3	8,10
	16,18					
4MGLHB - 5845	Verifiler					
	17,18.3	20,23	10,14	15,16	13,14	11,12
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	XX	11,12
	20,24	10,13	13,15	20.2,21	9.3,9.3	8,10
	16,18					
4MJCM9 - 5844	GlobalFiler™ Express					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	XX	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					
4NHVPF - 5845	GlobalFiler™ Express					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24			20.2,21	9.3	8,10
	16,18					
4REYN9 - 5844	GlobalFiler™ Express					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	XX	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					

TABLE 1

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

## Item 2 - STR Results

4X6BLQ - 5843	GlobalFiler™ Express PCR Amplification Kit					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					
4Y2P9J - 5843	PowerPlex® Fusion 5C					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24	10,13	13,15		9.3,9.3	8,10
	16,18					
4YWKER - 5845	PowerPlex® Fusion 6C					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24	10,13	13,15	20.2,21	9.3,9.3	8,10
	16,18					
63BHKU - 5843	PowerPlex® Fusion					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24	10,13	13,15		9.3	8,10
	16,18					
6UEN79 - 5844	GlobalFiler™ Express					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					
6UGE6 - 5844	GlobalFiler™ Express					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					
79WNPF - 5843	GlobalFiler™ PCR Amplification Kit					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24			20.2,21	9.3	8,10
	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

7JWAZK - 5844	GlobalFiler™ Express					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					
7MXDR8 - 5844	GlobalFiler™ Express, GlobalFiler					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					
7VQNXW - 5845	GlobalFiler™ Express					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18	No Results			No Results	
7XW9LW - 5845	GlobalFiler™ Express					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18	No Results			No Results	
82CTGN - 5843	PowerPlex® Fusion					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24	10,13	13,15		9.3,9.3	8,10
	16,18					
8748XJ - 5844	GlobalFiler™ Express, GlobalFiler™					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					
8AKED6 - 5843	GlobalFiler™ Express					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					

TABLE 1

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

## Item 2 - STR Results

8R4BQD - 5845 PowerPlex® Fusion, GlobalFiler™, PowerPlex® ESX (GeneMapper ID-X 1.5)

	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24	10,13	13,15	20.2,21	9.3	8,10
	16,18					

8UBJ46 - 5844 GlobalFiler™ Express

	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	XX	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					

922TG8 - 5845 PowerPlex® Fusion 5C

	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24	10,13	13,15		9.3	8,10
	16,18	NR				

9CL6U6 - 5845 Identifiler® Plus

		20,23		15,16	13,14	
2	10,12	13,16			11,11	12,13
	14,16	13,14	28,29		XX	11,12
	20,24				9.3,9.3	8,10
	16,18					

9LRZA - 5844 GlobalFiler™ Express

	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	XX	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					

9PTQH4 - 5844 GlobalFiler™ Express

	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	XX	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					

A4R3JL - 5843 PowerPlex® Fusion 5C

	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	XX	11,12
	20,24	10,13	13,15		9.3,9.3	8,10
	16,18	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 2 - STR Results

A7TBG4 - 5844	GlobalFiler™ Express					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					
AEUMJT - 5844	PowerPlex® Fusion 5C					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24	10,13	13,15		9.3	8,10
	16,18					
AFLMEH - 5843	GlobalFiler™ Express					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18	-			-	
APDW8L - 5843	PowerPlex® Fusion					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24	10,13	13,15		9.3,9.3	8,10
	16,18					
AQ6TWF - 5845	PowerPlex® 5C					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24	10,13	13,15		9.3	8,10
	16,18					
BBMMXL - 5845	GlobalFiler™					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24			20.2,21	9.3	8,10
	16,18					
BTLNRJ - 5843	GlobalFiler™ Express PCR Amplification kit					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					



TABLE 1

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

## Item 2 - STR Results

BX2AKQ - 5844 PowerPlex® Fusion 5C						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24	10,13	13,15		9.3	8,10
	16,18					
C2HWVB - 5843 PowerPlex® Fusion 6C						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	XX	11,12
	20,24	10,13	13,15	20.2,21	9.3,9.3	8,10
	16,18					
C46K8B - 5843 PowerPlex® Fusion 5C						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	XX	11,12
	20,24	10,13	13,15		9.3,9.3	8,10
	16,18					
C4ZL48 - 5845 GlobalFiler™ Express						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24			20.2,21	9.3	8,10
	16,18					
C78CKH - 5843 PowerPlex® Fusion						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24	10,13	13,15		9.3	8,10
	16,18					
CB4Z2P - 5843 PowerPlex® Fusion 5C						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24	10,13	13,15		9.3	8,10
	16,18					
CLLPU3 - 5845 PowerPlex® Fusion 5C						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24	10,13	13,15		9.3	8,10
	16,18	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 2 - STR Results

CMUYJE - 5843	GlobalFiler™ Express PCR Amplification Kit					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					
CNNM3A - 5843	PowerPlex® Fusion 5C					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24	10,13	13,15		9.3,9.3	8,10
	16,18					
CQWF2 - 5845	GlobalFiler™ Express					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24			20.2,21	9.3	8,10
	16,18	NR			NR	
CYN9DF - 5845	GlobalFiler™ Express					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					
D4FXBX - 5844	Investigator® 24plex GO!					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24			20.2,21	9.3	8,10
	16,18					
DB2TAG - 5843	PowerPlex® Fusion 5C					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24	10,13	13,15		9.3,9.3	8,10
	16,18	NR				
DKPJW9 - 5843	PowerPlex® Fusion 6C					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24	10,13	13,15	20.2,21	9.3	8,10
	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

DMC899 - 5843	PowerPlex® Fusion 5C					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24	10,13	13,15		9.3,9.3	8,10
	16,18					
DNZQ7Z - 5845	Identifiler® Plus					
		20,23		15,16	13,14	
2	10,12	13,16			11,11	12,13
	14,16	13,14	28,29		X,X	11,12
	20,24				9.3,9.3	8,10
	16,18					
DT3DCB - 5845	PowerPlex® Fusion 5C					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24	10,13	13,15		9.3	8,10
	16,18					
E4TW9 - 5843	PowerPlex® Fusion 5C					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24	10,13	13,15		9.3,9.3	8,10
	16,18					
EBB79A - 5843	PowerPlex® Fusion 5C					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24	10,13	13,15		9.3,9.3	8,10
	16,18					
EDGN87 - 5843	GlobalFiler™ Express PCR Amplification Kit					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					
EX8VLN - 5844	PowerPlex® Fusion 5C					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24	10,13	13,15		9.3	8,10
	16,18					

TABLE 1

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

## Item 2 - STR Results

FB79BJ - 5844	PowerPlex® 16 HS					
				15,16	13,14	
2	10,12	13,16			11,11	12,13
	14,16		28,29		X,X	11,12
	20,24	10,13	13,15		9.3,9.3	8,10
	16,18					
FF4MY9 - 5844	GlobalFiler™ Express					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					
FHA2Q9 - 5845	PowerPlex® Fusion 6C					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24	10,13	13,15	20.2,21	9.3	8,10
	16,18					
FWRW4J - 5845	GlobalFiler™, GlobalFiler Express					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24			20.2,21	9.3	8,10
	16,18					
FZAZU3 - 5844	GlobalFiler™ Express					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					
G9LG23 - 5844	GlobalFiler™ Express					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					
GB4RWL - 5844	PowerPlex® Fusion 5C					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24	10,13	13,15		9.3	8,10
	16,18					

TABLE 1

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

## Item 2 - STR Results

GUXCU7 - 5843 PowerPlex® Fusion 5C						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24	10,13	13,15		9.3,9.3	8,10
	16,18					
HFBT7U - 5844 GlobalFiler™ Express						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					
HL6ACU - 5844 PowerPlex® Fusion 6C						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24	10,13	13,15	20.2,21	9.3	8,10
	16,18	NR	NR	NR		
JB3B2Z - 5845 GlobalFiler™ Express						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					
JDJZYH - 5844 PowerPlex® 5C						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24	10,13	13,15		9.3	8,10
	16,18					
JF9EGZ - 5843 GlobalFiler™ Express PCR Amplification Kit						
	17,18	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					
JJ7XJY - 5844 GlobalFiler™ Express						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					

TABLE 1

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

## Item 2 - STR Results

JLD3B2 - 5843	PowerPlex® Fusion					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24	10,13	13,15	20.2,21	9.3,9.3	8,10
	16,18					
JMBEZ3 - 5843	PowerPlex® Fusion 6C					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24	10,13	13,15	20.2,21	9.3,9.3	8,10
	16,18					
JMPRJ7 - 5844	NGM SElect					
	17,18.3	20,23	10,14	15,16		
2		13,16	13,14	21,22		12,13
	14,16	13,14	28,29	16,16	X,X	
	20,24			20.2,21	9.3,9.3	
	16,18					
JXA7EV - 5845	Identifiler® Plus					
		20,23		15,16	13,14	
2	10,12	13,16			11,11	12,13
	14,16	13,14	28,29		X,X	11,12
	20,24				9.3,9.3	8,10
	16,18					
JXT6FZ - 5844	GlobalFiler™ Express					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					
KBGALB - 5844	Investigator® 24plex GO!					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24			20.2,21	9.3	8,10
	16,18					
KJRJXB - 5843	PowerPlex® Fusion 5C					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24	10,13	13,15		9.3,9.3	8,10
	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

KY6UMH - 5844 PowerPlex® Fusion 5C						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24	10,13	13,15		9.3	8,10
	16,18					
LFLPAP - 5844 GlobalFiler™						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	XX	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					
LH7ERG - 5845 GlobalFiler™ Express						
	17,18.3	20,23	10,14	15,16	13,14	
2	No Results	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	XX	11,12
	20,24			No Results	9.3,9.3	8,10
	16,18	No Results			No Results	
LLU4Z2 - 5843						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	XX	11,12
	20,24	10,13	13,15	20.2,21	9.3,9.3	8,10
	16,18					
LWV8P6 - 5845 PowerPlex® Fusion 5C						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24	10,13	13,15		9.3	8,10
	16,18	No Result				
MBPDW6 - 5845 GlobalFiler™ Express						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	XX	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					
MGYAZE - 5843 PowerPlex® Fusion 6C						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24	10,13	13,15	20.2,21	9.3	8,10
	16,18					

TABLE 1

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

## Item 2 - STR Results

MTN3W - 5845 GlobalFiler™ Express						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					
MWMXJN - 5843 GlobalFiler™ Express						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					
NEZVKY - 5843 PowerPlex® Fusion 5C						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24	10,13	13,15		9.3,9.3	8,10
	16,18					
NMWMTT - 5844 GlobalFiler™ Express						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					
NUBJPM - 5843 GlobalFiler™ Express						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					
P8XWTA - 5845 GlobalFiler™ Express						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24			20.2,21	9.3	8,10
	16,18					
PCAN2N - 5844 GlobalFiler™ Express						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24			20.2,21	9.3,9.3	8,10
	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

PCCE7K - 5844	GlobalFiler™ Express					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					
PJEJ3B - 5843	GlobalFiler™					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24			20.2,21	9.3	8,10
	16,18					
PNN224 - 5845	Investigator® 24plex GO!					
	17,18.3	20,23	10,14	15,16	13,14	
2	[10],12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,[24]			20.2,21	9.3	8,10
	16,18					
Q8GZ3V - 5843	PowerPlex® Fusion 6C					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24	10,13	13,15	20.2,21	9.3	8,10
	16,18					
QCPKQT - 5843	PowerPlex® ESI 16 Loci					
	17,18.3	20,23	10,14	15,16		
2		13,16	13,14	21,22		12,13
	14,16	13,14	28,29	16,16	X,X	
	20,24				9.3,9.3	
	16,18					
QJ4MJM - 5845	Identifiler® Plus					
		20,23		15,16	13,14	
2	10,12	13,16			11,11	12,13
	14,16	13,14	28,29		X,X	11,12
	20,24				9.3,9.3	8,10
	16,18					
QYKC3J - 5844	GlobalFiler™ Express					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					

TABLE 1

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

## Item 2 - STR Results

R6NTV4 - 5845	PowerPlex® Fusion 6C					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24	10,13	13,15	20.2,21	9.3,9.3	8,10
	16,18					
RECJHW - 5845	PowerPlex® Fusion 5C					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24	10,13	13,15		9.3	8,10
	16,18	N/A				
REV6ET - 5843	NGM SElectExpress					
	17,18.3	20,23	10,14	15,16		
2		13,16	13,14	21,22		12,13
	14,16	13,14	28,29	16,16	X,X	
	20,24			20.2,21	9.3,9.3	
	16,18					
RGZVG3 - 5843	Investigator® 24plex GO!					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24			20.2,21	9.3	8,10
	16,18					
RLUR48 - 5845	GlobalFiler™, GlobalFiler Express					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24			20.2,21	9.3	8,10
	16,18					
RM7R23 - 5843	PowerPlex® Fusion					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24	10,13	13,15		9.3	8,10
	16,18					
RQL3E7 - 5845	GlobalFiler™ Express					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24			20.2,21	9.3	8,10
	16,18					

TABLE 1

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

## Item 2 - STR Results

RRFWT2 - 5843	GlobalFiler™ Express Amplification kit					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					
TP6X4R - 5843	PowerPlex® 21					
	17,18.3	20,23		15,16	13,14	11,12
2	10,12	13,16		21,22	11,11	12,13
	14,16	13,14	28,29		X,X	11,12
	20,24	10,13	13,15		9.3,9.3	8,10
	16,18					
TRCKVX - 5843	GlobalFiler™ Express					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					
TU3Q8G - 5844	GlobalFiler™ Express					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					
U2WF2Q - 5843	GlobalFiler™ Express PCR Amplification kit					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					
U3QYB6 - 5844	PowerPlex® Fusion					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24	10,13	13,15		9.3	8,10
	16,18					
U9WVU6 - 5845	GlobalFiler™, GlobalFiler™ Express					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24			20.2,21	9.3	8,10
	16,18					

TABLE 1

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

## Item 2 - STR Results

UCGHRY - 5845 GlobalFiler™ Express						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					
UDTGNT - 5843 PowerPlex® Fusion 6C						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24	10,13	13,15	20.2,21	9.3,9.3	8,10
	16,18					
UL4GH4 - 5845 GlobalFiler™ Express						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24			20.2,21	9.3	8,10
	16,18					
ULJXEH - 5844 PowerPlex® Fusion 6C						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24	10,13	13,15	20.2,21	9.3	8,10
	16,18	NR	NR	NR		
UR7WKX - 5843 GlobalFiler™ Express PCR Amplification Kit						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					
VD9XG2 - 5845 PowerPlex® PPF 6C						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	X,X	11,12
	20,24	10,13	13,15	20.2,21	9.3,9.3	8,10
	16,18					
VLYLC4 - 5844 PowerPlex® Fusion						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24	10,13	13,15		9.3	8,10
	16,18					

TABLE 1

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

## Item 2 - STR Results

VTKGD8 - 5844	PowerPlex® Fusion 5C					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24	10,13	13,15		9.3	8,10
	16,18					
VUCG9X - 5843	GlobalFiler™ Express PCR Amplification Kit					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	XX	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					
WC9HJU - 5843	GlobalFiler™ Express					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	XX	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					
WDYMVE - 5844	GlobalFiler™ Express					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	XX	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					
WHVE2P - 5843	PowerPlex® Fusion 5C					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	XX	11,12
	20,24	10,13	13,15		9.3,9.3	8,10
	16,18					
WLYZZN - 5843	GlobalFiler™					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24			20.2,21	9.3	8,10
	16,18					
WPA89F - 5843	GlobalFiler™ Express					
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	XX	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					

TABLE 1

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

## Item 2 - STR Results

WQPDYQ - 5843 PowerPlex® Fusion 6C						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	XX	11,12
	20,24	10,13	13,15	20.2,21	9.3,9.3	8,10
	16,18					
XF3HEG - 5844 GlobalFiler™ Express						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	XX	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					
XJ6MU - 5843 GlobalFiler™ Express PCR Amplification Kit						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	XX	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					
XU4E93 - 5845 PowerPlex® Fusion 6C Direct						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	XX	11,12
	20,24	10,13	13,15	20.2,21	9.3,9.3	8,10
	16,18					
XZ7NHG - 5845 PowerPlex® Fusion 5C						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24	10,13	13,15		9.3	8,10
	16,18	NR				
YGCC72 - 5845 PowerPlex® Fusion 6C Direct						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	XX	11,12
	20,24	10,13	13,15	20.2,21	9.3,9.3	8,10
	16,18					
YJKF3X - 5845 GlobalFiler Express						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24			20.2,21	9.3	8,10
	16,18					

TABLE 1

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

## Item 2 - STR Results

YT6L2M - 5843 PowerPlex® Fusion 6C						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24	10,13	13,15	20.2,21	9.3	8,10
	16,18					
YT8C6K - 5845 GlobalFiler™ Express						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	XX	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					
Z63P4V - 5843 PowerPlex® Fusion						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	XX	11,12
	20,24	10,13	13,15		9.3,9.3	8,10
	16,18					
Z6B42P - 5844 GlobalFiler™ Express						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	XX	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					
Z6DVXC - 5844 GlobalFiler™ Express						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	XX	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					
Z833FM - 5843 PowerPlex® Fusion 5C						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	XX	11,12
	20,24	10,13	13,15		9.3,9.3	8,10
	16,18					
Z8XKF4 - 5845 GlobalFiler™ Express						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	XX	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18	NR			NR	

TABLE 1

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

Item 2 - STR Results

ZE66PU - 5843 PowerPlex® Fusion (5-dye)						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24	10,13	13,15		9.3	8,10
	16,18					
ZMFBGQ - 5845 GlobalFiler™						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	XX	11,12
	20,24			20.2,21	9.3,9.3	8,10
	16,18					
ZQXHWD - 5843 PowerPlex® Fusion, GlobalFiler™ Express						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11,11	12,13
	14,16	13,14	28,29	16,16	XX	11,12
	20,24	10,13	13,15	20.2,21	9.3,9.3	8,10
	16,18					
ZXFYDZ - 5843 GlobalFiler™						
	17,18.3	20,23	10,14	15,16	13,14	
2	10,12	13,16	13,14	21,22	11	12,13
	14,16	13,14	28,29	16	X	11,12
	20,24			20.2,21	9.3	8,10
	16,18					



TABLE 1

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

## Item 3 - STR Results

2BUQAY - 5845 PowerPlex® F6C Direct						
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13	18,26.2	8,9.3	8,11
	16,17	11	16	19		
2EZ8TP - 5843 GlobalFiler™ Express						
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
2G3YVA - 5844 GlobalFiler™ Express						
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11				
2NAC4U - 5843 PowerPlex® Fusion						
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13		8,9.3	8,11
	16,17	11				
3MQW6J - 5843 GlobalFiler™ Express PCR Amplification						
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
3QRTWY - 5843 PowerPlex® Fusion 6C						
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13	18,26.2	8,9.3	8,11
	16,17	11	16	19		
3U467K - 5843 PowerPlex® Fusion 5C						
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13		8,9.3	8,11
	16,17	11,11				

TABLE 1

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

## Item 3 - STR Results

3VZN7Z - 5843	Identifiler® Plus					
		18,23		15	12,13	
3	8,10	13,14			11	11,13
	14,16	14,16	30,32.2		X,Y	11,12
	18,25				8,9.3	8,11
	16,17					
3ZUKVR - 5844	Investigator® 24plex GO					
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11				
4FJUAG - 5845	Identifiler® Plus					
		18,23		15,15	12,13	
3	8,10	13,14			11,11	11,13
	14,16	14,16	30,32.2		X,Y	11,12
	18,25				8,9.3	8,11
	16,17					
4MGLHB - 5845	Verifiler					
	14,19.3	18,23	14,14	15,15	12,13	11,12
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13	18,26.2	8,9.3	8,11
	16,17				2	
4MJCM9 - 5844	GlobalFiler™ Express					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11				
4NHVPF - 5845	GlobalFiler™ Express					
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
4REYN9 - 5844	GlobalFiler™ Express					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	

TABLE 1

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

## Item 3 - STR Results

4X6BLQ - 5843	GlobalFiler™ Express PCR Amplification Kit					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
4Y2P9J - 5843	PowerPlex® Fusion 5C					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13		8,9.3	8,11
	16,17	11				
4YWKER - 5845	PowerPlex® Fusion 6C					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13	18,26.2	8,9.3	8,11
	16,17	11	16	19		
63BHKU - 5843	PowerPlex® Fusion					
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13		8,9.3	8,11
	16,17	11				
6UEN79 - 5844	GlobalFiler™ Express					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
6UGE6 - 5844	GlobalFiler™ Express					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
79WNPF - 5843	GlobalFiler™ PCR Amplification Kit					
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	

TABLE 1

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

Item 3 - STR Results

7JWAZK - 5844	GlobalFiler™ Express					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
7MXDR8 - 5844	GlobalFiler™ Express, GlobalFiler					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
7VQNXW - 5845	GlobalFiler™ Express					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
7XW9LW - 5845	GlobalFiler™ Express					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
82CTGN - 5843	PowerPlex® Fusion					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13		8,9.3	8,11
	16,17	11				
8748XJ - 5844	GlobalFiler™ Express, GlobalFiler™					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
8AKED6 - 5843	GlobalFiler™ Express					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11				

TABLE 1

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

**Item 3 - STR Results**

8R4BQD - 5845	PowerPlex® Fusion, GlobalFiler™, PowerPlex® ESX (GeneMapper ID-X 1.5)					
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13	18,26.2	8,9.3	8,11
	16,17	11			2	
8UBJ46 - 5844	GlobalFiler™ Express					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
922TG8 - 5845	PowerPlex® Fusion 5C					
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13		8,9.3	8,11
	16,17	11				
9CL6U6 - 5845	Identifiler® Plus					
		18,23		15,15	12,13	
3	8,10	13,14			11,11	11,13
	14,16	14,16	30,32.2		X,Y	11,12
	18,25				8,9.3	8,11
	16,17					
9LRZX - 5844	GlobalFiler™ Express					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
9PTQH4 - 5844	GlobalFiler™ Express					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11				
A4R3JL - 5843	PowerPlex® Fusion 5C					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13		8,9.3	8,11
	16,17	11				

TABLE 1

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

## Item 3 - STR Results

A7TBG4 - 5844 GlobalFiler™ Express						
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
AEUMJT - 5844 PowerPlex® Fusion 5C						
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13		8,9.3	8,11
	16,17	11				
AFLMEH - 5843 GlobalFiler™ Express						
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
APDW8L - 5843 PowerPlex® Fusion						
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13		8,9.3	8,11
	16,17	11				
AQ6TWF - 5845 PowerPlex® 5C						
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13		8,9.3	8,11
	16,17	11				
BBMMXL - 5845 GlobalFiler™						
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
BTLNRJ - 5843 GlobalFiler™ Express PCR Amplification kit						
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	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 3 - STR Results

BX2AKQ - 5844 PowerPlex® Fusion 5C						
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13		8,9.3	8,11
	16,17	11				
C2HWVB - 5843 PowerPlex® Fusion 6C						
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13	18,26.2	8,9.3	8,11
	16,17	11	16	19		
C46K8B - 5843 PowerPlex® Fusion 5C						
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13		8,9.3	8,11
	16,17	11				
C4ZL48 - 5845 GlobalFiler™ Express						
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
C78CKH - 5843 PowerPlex® Fusion						
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13		8,9.3	8,11
	16,17	11				
CB4Z2P - 5843 PowerPlex® Fusion 5C						
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13		8,9.3	8,11
	16,17	11				
CLLPU3 - 5845 PowerPlex® Fusion 5C						
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13		8,9.3	8,11
	16,17	11				

TABLE 1

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

## Item 3 - STR Results

CMUYJE - 5843	GlobalFiler™ Express PCR Amplification Kit					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
CNNM3A - 5843	PowerPlex® Fusion 5C					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13		8,9.3	8,11
	16,17	11				
CQWF2 - 5845	GlobalFiler™ Express					
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
CYN9DF - 5845	GlobalFiler™ Express					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
D4FXBX - 5844	Investigator® 24plex GO!					
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11				
DB2TAG - 5843	PowerPlex® Fusion 5C					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13		8,9.3	8,11
	16,17	11				
DKPJW9 - 5843	PowerPlex® Fusion 6C					
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13	18,26.2	8,9.3	8,11
	16,17	11	16	19		



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

DMC899 - 5843 PowerPlex® Fusion 5C						
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13		8,9.3	8,11
	16,17	11				
DT3DCB - 5845 PowerPlex® Fusion 5C						
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13		8,9.3	8,11
	16,17	11				
E4TW9 - 5843 PowerPlex® Fusion 5C						
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13		8,9.3	8,11
	16,17	11				
EBB79A - 5843 PowerPlex® Fusion 5C						
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13		8,9.3	8,11
	16,17	11				
EDGN87 - 5843 GlobalFiler™ Express PCR Amplification Kit						
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
EX8VLN - 5844 PowerPlex® Fusion 5C						
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13		8,9.3	8,11
	16,17	11				
FB79BJ - 5844 PowerPlex® 16 HS						
				15,15	12,13	
3	8,10	13,14			11,11	11,13
	14,16		30,32.2		X,Y	11,12
	18,25	12,13	12,13		8,9.3	8,11
	16,17					

TABLE 1

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

## Item 3 - STR Results

FF4MY9 - 5844 GlobalFiler™ Express						
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
FHA2Q9 - 5845 PowerPlex® Fusion 6C						
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13	18,26.2	8,9.3	8,11
	16,17	11	16	19		
FWRW4J - 5845 GlobalFiler™, GlobalFiler Express						
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
FZAZU3 - 5844 GlobalFiler™ Express						
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
G9LG23 - 5844 GlobalFiler™ Express						
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
GB4RWL - 5844 PowerPlex® Fusion 5C						
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13		8,9.3	8,11
	16,17	11				
GUXCU7 - 5843 PowerPlex® Fusion 5C						
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13		8,9.3	8,11
	16,17	11				

TABLE 1

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

## Item 3 - STR Results

HFBT7U - 5844 GlobalFiler™ Express						
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17					
HL6ACU - 5844 PowerPlex® Fusion 6C						
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13	18,26.2	8,9.3	8,11
	16,17	11	16	19		
JB3BZ - 5845 GlobalFiler™ Express						
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
JDJZYH - 5844 PowerPlex® 5C						
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13		8,9.3	8,11
	16,17	11				
JF9EGZ - 5843 GlobalFiler™ Express PCR Amplification Kit						
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
JJ7XJY - 5844 GlobalFiler™ Express						
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
JLD3B2 - 5843 PowerPlex® Fusion Y ESX						
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13	18,26.2	8,9.3	8,11
	16,17	11				

TABLE 1

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

## Item 3 - STR Results

JMBEZ3 - 5843	PowerPlex® Fusion 6C					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13	18,26.2	8,9.3	8,11
	16,17	11	16	19		
JMPRJ7 - 5844	NGM SElect					
	14,19.3	18,23	14,14	15,15		
3		13,14	15,15	17.3,23		11,13
	14,16	14,16	30,32.2	15,18	X,Y	
	18,25			18,26.2	8,9.3	
	16,17					
JXA7EV - 5845	Identifiler® Plus					
		18,23		15,15	12,13	
3	8,10	13,14			11,11	11,13
	14,16	14,16	30,32.2		X,Y	11,12
	18,25				8,9.3	8,11
	16,17					
JXT6FZ - 5844	GlobalFiler™ Express					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
KBGALB - 5844	Investigator® 24plex GO!					
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11				
KJRJB - 5843	PowerPlex® Fusion 5C					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13		8,9.3	8,11
	16,17	11				
KY6UMH - 5844	PowerPlex® Fusion 5C					
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13		8,9.3	8,11
	16,17	11				

TABLE 1

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

## Item 3 - STR Results

LFLPAP - 5844	GlobalFiler™					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
LH7ERG - 5845	GlobalFiler™ Express					
	14,19.3	18,23	14,14	15,15	12,13	
3	No Results	13,---	15,15	17.3,23	11,11	No Results
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			26.2,---	8,9.3	8,---
	16,17	No Results			2	
LLU4Z2 - 5843						
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13	18,26.2	8,9.3	8,11
	16,17	11,11	16,16	19,19		
LWV8P6 - 5845	PowerPlex® Fusion 5C					
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13		8,9.3	8,11
	16,17	11				
MBPDW6 - 5845	GlobalFiler™ Express					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
MGYAZE - 5843	PowerPlex® Fusion 6C					
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13	18,26.2	8,9.3	8,11
	16,17	11	16	19		
MTN3W - 5845	GlobalFiler™ Express					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	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 3 - STR Results

MWMXJN - 5843	GlobalFiler™ Express					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11				
NEZVKY - 5843	PowerPlex® Fusion 5C					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13		8,9.3	8,11
	16,17	11				
NMWMTT - 5844	GlobalFiler™ Express					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
NUBJPM - 5843	GlobalFiler™ Express					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11				
P8XWTA - 5845	GlobalFiler™ Express					
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
PCAN2N - 5844	GlobalFiler™ Express					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
PCCE7K - 5844	GlobalFiler™ Express					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	

TABLE 1

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

## Item 3 - STR Results

PJEJ3B - 5843	GlobalFiler™					
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
PNN224 - 5845	Investigator® 24plex GO!					
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11				
Q8GZ3V - 5843	PowerPlex® Fusion 6C					
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13	18,26.2	8,9.3	8,11
	16,17	11	16	19		
QCPKQT - 5843	PowerPlex® ESI 16 Loci					
	14,19.3	18,23	14,14	15,15		
3		13,14	15,15	17.3,23		11,13
	14,16	14,16	30,32.2	15,18	X,Y	
	18,25				8,9.3	
	16,17					
QYKC3J - 5844	GlobalFiler™ Express					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
R6NTV4 - 5845	PowerPlex® Fusion 6C					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13	18,26.2	8,9.3	8,11
	16,17	11	16	19		
RECJHW - 5845	PowerPlex® Fusion 5C					
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13		8,9.3	8,11
	16,17	11				

TABLE 1

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

## Item 3 - STR Results

REV6ET - 5843	NGM SElectExpress					
	14,19.3	18,23	14,14	15,15		
3		13,14	15,15	17.3,23		11,13
	14,16	14,16	30,32.2	15,18	X,Y	
	18,25			18,26.2	8,9.3	
	16,17					
RGZVG3 - 5843	Investigator® 24plex GO!					
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11				
RLUR48 - 5845	GlobalFiler™, GlobalFiler Express					
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
RM7R23 - 5843	PowerPlex® Fusion					
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13		8,9.3	8,11
	16,17	11				
RQL3E7 - 5845	GlobalFiler™ Express					
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
RRFWT2 - 5843	GlobalFiler™ Express Amplification kit					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
TP6X4R - 5843	PowerPlex® 21					
	14,19.3	18,23		15,15	12,13	11,12
3	8,10	13,14		17.3,23	11,11	11,13
	14,16	14,16	30,32.2		X,Y	11,12
	18,25	12,13	12,13		8,9.3	8,11
	16,17					



TABLE 1

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

## Item 3 - STR Results

TRCKVX - 5843	GlobalFiler™ Express					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
TU3Q8G - 5844	GlobalFiler™ Express					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
U2WF2Q - 5843	GlobalFiler™ Express PCR Amplification kit					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
U3QYB6 - 5844	PowerPlex® Fusion					
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13		8,9.3	8,11
	16,17	11				
U9WVU6 - 5845	GlobalFiler™, GlobalFiler™ Express					
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
UCGHRY - 5845	GlobalFiler™ Express					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
UDTGNT - 5843	PowerPlex® Fusion 6C					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13	18,26.2	8,9.3	8,11
	16,17	11,11	16,16	19,19		

TABLE 1

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

## Item 3 - STR Results

UL4GH4 - 5845 GlobalFiler™ Express						
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
ULJXEH - 5844 PowerPlex® Fusion 6C						
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13	18,26.2	8,9.3	8,11
	16,17	11	16	19		
UR7WKX - 5843 GlobalFiler™ Express PCR Amplification Kit						
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
VD9XG2 - 5845 PowerPlex® PPF 6C						
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13	18,26.2	8,9.3	8,11
	16,17	11	16	19		
VLYLC4 - 5844 PowerPlex® Fusion						
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13		8,9.3	8,11
	16,17	11				
VTKGD8 - 5844 PowerPlex® Fusion 5C						
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13		8,9.3	8,11
	16,17	11				
VUCG9X - 5843 GlobalFiler™ Express PCR Amplification Kit						
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	

TABLE 1

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

## Item 3 - STR Results

WC9HJU - 5843 GlobalFiler™ Express						
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
WDYMVE - 5844 GlobalFiler™ Express						
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
WHVE2P - 5843 PowerPlex® Fusion 5C						
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13		8,9.3	8,11
	16,17	11				
WLYZZN - 5843 GlobalFiler™						
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
WPA89F - 5843 GlobalFiler™ Express						
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11				
WQPDYQ - 5843 PowerPlex® Fusion 6C						
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13	18,26.2	8,9.3	8,11
	16,17	11	16	19		
XF3HEG - 5844 GlobalFiler™ Express						
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	

TABLE 1

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

## Item 3 - STR Results

XJ6MU - 5843 GlobalFiler™ Express PCR Amplification Kit						
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
XU4E93 - 5845 PowerPlex® Fusion 6C Direct						
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13	18,26.2	8,9.3	8,11
	16,17	11	16	19		
XZ7NHG - 5845 PowerPlex® Fusion 5C						
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13		8,9.3	8,11
	16,17	11				
YGCC72 - 5845 PowerPlex® Fusion 6C Direct						
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13	18,26.2	8,9.3	8,11
	16,17	11	16	19		
YJKF3X - 5845 GlobalFiler Express						
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
YT6L2M - 5843 PowerPlex® Fusion 6C						
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13	18,26.2	8,9.3	8,11
	16,17	11	16	19		
YT8C6K - 5845 GlobalFiler™ Express						
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	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 3 - STR Results

Z63P4V - 5843	PowerPlex® Fusion					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13		8,9.3	8,11
	16,17	11				
Z6B42P - 5844	GlobalFiler™ Express					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
Z6DVXC - 5844	GlobalFiler™ Express					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	
Z833FM - 5843	PowerPlex® Fusion 5C					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13		8,9.3	8,11
	16,17	11				
Z8XKF4 - 5845	GlobalFiler™ Express					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,---	8,9.3	8,11
	16,17	NR			2	
ZE66PU - 5843	PowerPlex® Fusion (5-dye)					
	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13		8,9.3	8,11
	16,17	11				
ZMFBGQ - 5845	GlobalFiler™					
	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	

TABLE 1

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

## Item 3 - STR Results

ZQXHW - 5843 PowerPlex® Fusion, GlobalFiler™ Express

	14,19.3	18,23	14,14	15,15	12,13	
3	8,10	13,14	15,15	17.3,23	11,11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25	12,13	12,13	18,26.2	8,9.3	8,11
	16,17	11			2	

ZXFY - 5843 GlobalFiler™

	14,19.3	18,23	14	15	12,13	
3	8,10	13,14	15	17.3,23	11	11,13
	14,16	14,16	30,32.2	15,18	X,Y	11,12
	18,25			18,26.2	8,9.3	8,11
	16,17	11			2	

**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

2EZ8TP-5843	Yfiler® Plus								
1	33,36	14	11,14	14	31	25	10	13	13
	15	12	12	19	28	16	16	11	22
	39	13		17	19	22	23		12
3MQW6J-5843	Yfiler® Plus PCR Amplification Kit								
1	33,36	14	11,14	14	31	25	10	13	13
	15	12	12	19	28	16	16	11	22
	39	13		17	19	22	23		12
3VZN7Z-5843	Yfiler®								
1		14	11,14	14	31	25	10	13	13
		15	12	12	19	16	16		
							23		12
4FJUAG-5845	PowerPlex® Y 23								
1		14	11,14	14	31	25	10	13	13
		15	12	12	19	16	16		22
			13	13	17	19	23	11	12
4MGLHB-5845	Yfiler®								
1		14	11,14	14	31	25	10	13	13
		15	12	12	19	16	16		
							23		12
4REYN9-5844	Yfiler®								
1		14	11,14	14	31	25	10	13	13
		15	12	12	19	16	16		
							23		12
4X6BLQ-5843	Yfiler® Plus PCR Amplification Kit								
1	33,36	14	11,14	14	31	25	10	13	13
	15	12	12	19	28	16	16	11	22
	39	13		17	19	22	23		12
4Y2P9J-5843	PowerPlex® Y 23								
1		14	11,14	14	31	25	10	13	13
		15	12	12	19	16	16		22
			13	13	17	19	23	11	12
63BHKU-5843	Yfiler®								
1		14	11,14	14	31	25	10	13	13
		15	12	12	19	16	16		
							23		12
79WNPF-5843	Yfiler® Plus								
1	33,36	14	11,14	14	31	25	10	13	13
	15	12	12	19	28	16	16	11	22
	39	13		17	19	22	23		12
8R4BQD-5845	PowerPlex® Y 23								
1		14	11,14	14	31	25	10	13	13
		15	12	12	19	16	16		22
			13	13	17	19	23	11	12

TABLE 2

<b>WebCode-Test</b>		<b>Amplification Kit</b>							
<b>Item</b>	<b>DYF387S1</b>	<b>DYS19</b>	<b>DYS385</b>	<b>DYS389-I</b>	<b>DYS389-II</b>	<b>DYS390</b>	<b>DYS391</b>	<b>DYS392</b>	<b>DYS393</b>
	<b>DYS437</b>	<b>DYS438</b>	<b>DYS439</b>	<b>DYS448</b>	<b>DYS449</b>	<b>DYS456</b>	<b>DYS458</b>	<b>DYS460</b>	<b>DYS481</b>
	<b>DYS518</b>	<b>DYS533</b>	<b>DYS549</b>	<b>DYS570</b>	<b>DYS576</b>	<b>DYS627</b>	<b>DYS635</b>	<b>DYS643</b>	<b>YGATAH4</b>
<b>Item 1 - YSTR Results</b>									
922TG8-5845	Yfiler®, PPFusion 5C								
1	14	11,14	14	31	25	10	13	13	
	15	12	12	19	16	16			
						23			12
AFLMEH-5843	Yfiler® Plus								
1	33,36	14	11,14	14	31	25	10	13	13
	15	12	12	19	28	16	16	11	22
	39	13		17	19	22	23		12
BTLNJRJ-5843	Yfiler® Plus PCR Amplification kit								
1	33,36	14	11,14	14	31	25	10	13	13
	15	12	12	19	28	16	16	11	22
	39	13		17	19	22	23		12
C78CKH-5843	PowerPlex® Y 23								
1	14	11,14	14	31	25	10	13	13	
	15	12	12	19	16	16			22
		13	13	17	19	23	11		12
CLLPU3-5845	Yfiler®, PPFusion 5C								
1	14	11,14	14	31	25	10	13	13	
	15	12	12	19	16	16			
						23			12
CMUYJE-5843	Yfiler® Plus PCR Amplification Kit								
1	33,36	14	11,14	14	31	25	10	13	13
	15	12	12	19	28	16	16	11	22
	39	13		17	19	22	23		12
CQWF2-5845	Yfiler® Plus								
1	33,36	14	11,14	14	31	25	10	13	13
	15	12	12	19	28	16	16	11	22
	39	13		17	19	22	23		12
CYN9DF-5845									
1	14	11,14	14	31	25	10	13	13	
	15	12	12	19	16	16			22
		13	13	17	19	23	11		12
EDGN87-5843	Yfiler® Plus PCR Amplification Kit								
1	33,36	14	11,14	14	31	25	10	13	13
	15	12	12	19	28	16	16	11	22
	39	13		17	19	22	23		12
FB79BJ-5844	Yfiler® Plus								
1	33,36	14	11,14	14	31	25	10	13	13
	15	12	12	19	28	16	16	11	22
	39	13		17	19	22	23		12
FF4MY9-5844	Yfiler®								
1	14	11,14	14	31	25	10	13	13	
	15	12	12	19	16	16			
						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
<b>Item 1 - YSTR Results</b>									
GUXCU7-5843	PowerPlex® Y 23								
1	14	11,14	14	31	25	10	13	13	
	15	12	12	19	16	16		22	
	13	13	17	19		23	11	12	
HL6ACU-5844	Yfiler® Plus								
1	33,36	14	11,14	14	31	25	10	13	13
	15	12	12	19	28	16	16	11	22
	39	13	17	19	22	23		12	
JB3B2Z-5845	PowerPlex® Y 23								
1	14	11,14	14	31	25	10	13	13	
	15	12	12	19	16	16		22	
	13	13	17	19		23	11	12	
JF9EGZ-5843	Yfiler® Plus PCR Amplification Kit								
1	33,36	14	11,14	14	31	25	10	13	13
	15	12	12	19	28	16	16	11	22
	39	13	17	19	22	23		12	
JLD3B2-5843	PowerPlex® Y 23								
1	14	11,14	14	31	25	10	13	13	
	15	12	12	19	16	16		22	
	13	13	17	19		23	11	12	
MBPDW6-5845	PowerPlex® Y 23								
1	14	11,14	14	31	25	10	13	13	
	15	12	12	19	16	16		22	
	13	13	17	19		23	11	12	
MTTN3W-5845	PowerPlex® Y 23								
1	14	11,14	14	31	25	10	13	13	
	15	12	12	19	16	16		22	
	13	13	17	19		23	11	12	
NMWMTT-5844	Yfiler®								
1	14	11,14	14	31	25	10	13	13	
	15	12	12	19	16	16		22	
						23		12	
Q8GZ3V-5843	PowerPlex® Y 23								
1	14	11,14	14	31	25	10	13	13	
	15	12	12	19	16	16		22	
	13	13	17	19		23	11	12	
QCPKQT-5843	Yfiler® 27 Loci								
1	33,36	14	11,14	14	31	25	10	13	13
	15	12	12	19	28	16	16	11	22
	39	13	17	19	22	23		12	
RM7R23-5843	PowerPlex® Y 23								
1	14	11,14	14	31	25	10	13	13	
	15	12	12	19	16	16		22	
	13	13	17	19		23	11	12	

TABLE 2

<b>WebCode-Test</b>		<b>Amplification Kit</b>							
<b>Item</b>	<b>DYF387S1</b>	<b>DYS19</b>	<b>DYS385</b>	<b>DYS389-I</b>	<b>DYS389-II</b>	<b>DYS390</b>	<b>DYS391</b>	<b>DYS392</b>	<b>DYS393</b>
	<b>DYS437</b>	<b>DYS438</b>	<b>DYS439</b>	<b>DYS448</b>	<b>DYS449</b>	<b>DYS456</b>	<b>DYS458</b>	<b>DYS460</b>	<b>DYS481</b>
	<b>DYS518</b>	<b>DYS533</b>	<b>DYS549</b>	<b>DYS570</b>	<b>DYS576</b>	<b>DYS627</b>	<b>DYS635</b>	<b>DYS643</b>	<b>YGATAH4</b>
<b>Item 1 - YSTR Results</b>									
RRFWT2-5843	Yfiler® Plus								
1	33,36	14	11,14	14	31	25	10	13	13
	15	12	12	19	28	16	16	11	22
	39	13		17	19	22	23		12
TRCKVX-5843	Yfiler® Plus								
1	33,36	14	11,14	14	31	25	10	13	13
	15	12	12	19	28	16	16	11	22
	39	13		17	19	22	23		12
U2WF2Q-5843	Yfiler® Plus PCR Amplification kit								
1	33,36	14	11,14	14	31	25	10	13	13
	15	12	12	19	28	16	16	11	22
	39	13		17	19	22	23		12
U3QYB6-5844	Yfiler®								
1		14	11,14	14	31	25	10	13	13
	15	12	12	19		16	16		
							23		12
UCGHRY-5845	PowerPlex® Y 23								
1		14	11,14	14	31	25	10	13	13
	15	12	12	19		16	16		22
		13	13	17	19		23	11	12
UR7WKX-5843	Yfiler® Plus PCR Amplification Kit								
1	33,36	14	11,14	14	31	25	10	13	13
	15	12	12	19	28	16	16	11	22
	39	13		17	19	22	23		12
VUCG9X-5843	Yfiler® Plus PCR Amplification Kit								
1	33,36	14	11,14	14	31	25	10	13	13
	15	12	12	19	28	16	16	11	22
	39	13		17	19	22	23		12
WC9HJU-5843	Yfiler® Plus								
1	33,36	14	11,14	14	31	25	10	13	13
	15	12	12	19	28	16	16	11	22
	39	13		17	19	22	23		12
WDYMVE-5844	Yfiler®								
1		14	11,14	14	31	25	10	13	13
	15	12	12	19		16	16		
							23		12
XF3HEG-5844	Yfiler®								
1		14	11,14	14	31	25	10	13	13
	15	12	12	19		16	16		
							23		12
XJ6MU-5843	Yfiler® Plus PCR Amplification Kit								
1	33,36	14	11,14	14	31	25	10	13	13
	15	12	12	19	28	16	16	11	22
	39	13		17	19	22	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 1 - YSTR Results

XZ7NHG-5845		Yfiler®, PowerPlex® Fusion 5C							
1		14	11,14	14	31	25	10	13	13
	15	12	12	19		16	16		
							23		12
YT8C6K-5845		PowerPlex® Y 23							
1		14	11,14	14	31	25	10	13	13
	15	12	12	19		16	16		22
		13	13	17	19		23	11	12
ZE66PU-5843		PowerPlex® Y 23							
1		14	11,14	14	31	25	10	13	13
	15	12	12	19		16	16		22
		13	13	17	19		23	11	12
ZQXHWD-5843		Yfiler® Plus, PowerPlex® Y 23							
1	33,36	14	11,14	14	31	25	10	13	13
	15	12	12	19	28	16	16	11	22
	39	13	13	17	19	22	23	11	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

3VZN7Z-5843	Yfiler®	[REDACTED]								
2		[REDACTED]								
4FJUAG-5845	PowerPlex® Y 23	[REDACTED]								
2		[REDACTED]								
4MGLHB-5845	Yfiler®	[REDACTED]								
2		[REDACTED]								
4REYN9-5844	Yfiler®	[REDACTED]								
2		[REDACTED]								
4Y2P9J-5843	PowerPlex® Y 23	[REDACTED]								
2		[REDACTED]								
922TG8-5845	Yfiler®, PPFusion 5C									
2		NR	NR,NR	NR	NR	NR	NR	NR	NR	
		NR	NR	NR	NR	NR	NR	NR	NR	
						NR		NR		
C78CKH-5843	PowerPlex® Y 23	[REDACTED]								
2		[REDACTED]								
CLLPU3-5845	Yfiler®, PPFusion 5C									
2		NR	NR,NR	NR	NR	NR	NR	NR	NR	
		NR	NR	NR	NR	NR	NR	NR	NR	
						NR		NR		
CMUYJE-5843	Yfiler®	[REDACTED]								
2		[REDACTED]								
CYN9DF-5845	PowerPlex® Y 23	[REDACTED]								
2		[REDACTED]								
FF4MY9-5844	Yfiler®	[REDACTED]								
2		[REDACTED]								

TABLE 2

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

Item 2 - YSTR Results

GUXCU7-5843	PowerPlex® Y 23								
2	[REDACTED]								
JB3B2Z-5845	PowerPlex® Y 23								
2	[REDACTED]								
MBPDW6-5845	PowerPlex® Y 23								
2	[REDACTED]								
MTTN3W-5845	PowerPlex® Y 23								
2	[REDACTED]								
NMWMTT-5844	Yfiler®								
2	[REDACTED]								
RM7R23-5843	PowerPlex® Y 23								
2	[REDACTED]								
UCGHRY-5845	PowerPlex® Y 23								
2	[REDACTED]								
WDYMVE-5844	Yfiler®								
2	[REDACTED]								
XF3HEG-5844	Yfiler®								
2	[REDACTED]								
XZ7NHG-5845	Yfiler®, PowerPlex® Fusion 5C								
2	NR	NR,NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
						NR		NR	
YT8C6K-5845	PowerPlex® Y 23								
2	[REDACTED]								

TABLE 2

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

Item 2 - YSTR Results

ZE66PU-5843

PowerPlex® Y 23

2



TABLE 2

WebCode-Test		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
<b>Item 3 - YSTR Results</b>									
2EZ8TP-5843	Yfiler® Plus								
3	36	14	11,14	14	30	25	11	13	14
	15	12	12	19	30	15	18	12	22
	39	12		16	19	22	23		12
3MQW6J-5843	Yfiler® Plus PCR Amplification Kit								
3	36,36	14	11,14	14	30	25	11	13	14
	15	12	12	19	30	15	18	12	22
	39	12		16	19	22	23		12
3VZN7Z-5843	Yfiler®								
3		14	11,14	14	30	25	11	13	14
	15	12	12	19		15	18		
							23		12
4FJUAG-5845	PowerPlex® Y 23								
3		14	11,14	14	30	25	11	13	14
	15	12	12	19		15	18		22
		12	13	16	19		23	10	12
4MGLHB-5845	Yfiler®								
3		14	11,14	14	30	25	11	13	14
	15	12	12	19		15	18		
							23		12
4REYN9-5844	Yfiler®								
3		14	11,14	14	30	25	11	13	14
	15	12	12	19		15	18		
							23		12
4X6BLQ-5843	Yfiler® Plus PCR Amplification Kit								
3	36,36	14	11,14	14	30	25	11	13	14
	15	12	12	19	30	15	18	12	22
	39	12		16	19	22	23		12
4Y2P9J-5843	PowerPlex® Y 23								
3		14	11,14	14	30	25	11	13	14
	15	12	12	19		15	18		22
		12	13	16	19		23	10	12
63BHKU-5843	Yfiler®								
3		14	11,14	14	30	25	11	13	14
	15	12	12	19		15	18		
							23		12
79WNPF-5843	Yfiler® Plus								
3	36	14	11,14	14	30	25	11	13	14
	15	12	12	19	30	15	18	12	22
	39	12		16	19	22	23		12
8R4BQD-5845	PowerPlex® Y 23								
3		14	11,14	14	30	25	11	13	14
	15	12	12	19		15	18		22
		12	13	16	19		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
<b>Item 3 - YSTR Results</b>									
922TG8-5845	Yfiler®, PPFusion 5C								
3		14	11,14	14	30	25	11	13	14
	15	12	12	19		15	18		
							23		12
AFLMEH-5843	Yfiler® Plus								
3	36,36	14	11,14	14	30	25	11	13	14
	15	12	12	19	30	15	18	12	22
	39	12		16	19	22	23		12
BTLNJR-5843	Yfiler® Plus PCR Amplification kit								
3	36,36	14	11,14	14	30	25	11	13	14
	15	12	12	19	30	15	18	12	22
	39	12		16	19	22	23		12
C78CKH-5843	PowerPlex® Y 23								
3		14	11,14	14	30	25	11	13	14
	15	12	12	19		15	18		22
		12	13	16	19		23	10	12
CLLPU3-5845	Yfiler®, PPFusion 5C								
3		14	11,14	14	30	25	11	13	14
	15	12	12	19		15	18		
							23		12
CMUYJE-5843	Yfiler® Plus PCR Amplification Kit								
3	36,36	14	11,14	14	30	25	11	13	14
	15	12	12	19	30	15	18	12	22
	39	12		16	19	22	23		12
CQWF2-5845	Yfiler® Plus								
3	36	14	11,14	14	30	25	11	13	14
	15	12	12	19	30	15	18	12	22
	39	12		16	19	22	23		12
CYN9DF-5845	PowerPlex® Y 23								
3		14	11,14	14	30	25	11	13	14
	15	12	12	19		15	18		22
		12	13	16	19		23	10	12
EDGN87-5843	Yfiler® Plus PCR Amplification Kit								
3	36,36	14	11,14	14	30	25	11	13	14
	15	12	12	19	30	15	18	12	22
	39	12		16	19	22	23		12
FB79BJ-5844	Yfiler® Plus								
3	36	14	11,14	14	30	25	11	13	14
	15	12	12	19	30	15	18	12	22
	39	12		16	19	22	23		12
FF4MY9-5844	Yfiler®								
3		14	11,14	14	30	25	11	13	14
	15	12	12	19		15	18		
							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
<b>Item 3 - YSTR Results</b>									
GUXCU7-5843	PowerPlex® Y 23								
3	14	11,14	14	30	25	11	13	14	
	15	12	12	19	15	18		22	
	12	13	16	19		23	10	12	
HL6ACU-5844	Yfiler® Plus								
3	36	14	11,14	14	30	25	11	13	14
	15	12	12	19	30	15	18	12	22
	39	12		16	19	22	23		12
JB3B2Z-5845	PowerPlex® Y 23								
3	14	11,14	14	30	25	11	13	14	
	15	12	12	19	15	18		22	
	12	13	16	19		23	10	12	
JF9EGZ-5843	Yfiler® Plus PCR Amplification Kit								
3	36,36	14	11,14	14	30	25	11	13	14
	15	12	12	19	30	15	18	12	22
	39	12		16	19	22	23		12
JLD3B2-5843	PowerPlex® Y 23								
3	14	11,14	14	30	25	11	13	14	
	15	12	12	19	15	18		22	
	12	13	16	19		23	10	12	
MBPDW6-5845	PowerPlex® Y 23								
3	14	11,14	14	30	25	11	13	14	
	15	12	12	19	15	18		22	
	12	13	16	19		23	10	12	
MTTN3W-5845	PowerPlex® Y 23								
3	14	11,14	14	30	25	11	13	14	
	15	12	12	19	15	18		22	
	12	13	16	19		23	10	12	
NMWMTT-5844	Yfiler®								
3	14	11,14	14	30	25	11	13	14	
	15	12	12	19	15	18		22	
						23		12	
Q8GZ3V-5843	PowerPlex® Y 23								
3	14	11,14	14	30	25	11	13	14	
	15	12	12	19	15	18		22	
	12	13	16	19		23	10	12	
QCPKQT-5843	Yfiler® 27 Loci								
3	36,36	14	11,14	14	30	25	11	13	14
	15	12	12	19	30	15	18	12	22
	39	12		16	19	22	23		12
RM7R23-5843	PowerPlex® Y 23								
3	14	11,14	14	30	25	11	13	14	
	15	12	12	19	15	18		22	
	12	13	16	19		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

RRFWT2-5843 Yfiler® Plus									
3	36,36	14	11,14	14	30	25	11	13	14
	15	12	12	19	30	15	18	12	22
	39	12		16	19	22	23		12
TRCKVX-5843 Yfiler® Plus									
3	36	14	11,14	14	30	25	11	13	14
	15	12	12	19	30	15	18	12	22
	39	12		16	19	22	23		12
U2WF2Q-5843 Yfiler® Plus PCR Amplification kit									
3	36,36	14	11,14	14	30	25	11	13	14
	15	12	12	19	30	15	18	12	22
	39	12		16	19	22	23		12
U3QYB6-5844 Yfiler®									
3		14	11,14	14	30	25	11	13	14
	15	12	12	19		15	18		
							23		12
UCGHRY-5845 PowerPlex® Y 23									
3		14	11,14	14	30	25	11	13	14
	15	12	12	19		15	18		22
		12	13	16	19		23	10	12
UR7WKX-5843 Yfiler® Plus PCR Amplification Kit									
3	36,36	14	11,14	14	30	25	11	13	14
	15	12	12	19	30	15	18	12	22
	39	12		16	19	22	23		12
VUCG9X-5843 Yfiler® Plus PCR Amplification kit									
3	36,36	14	11,14	14	30	25	11	13	14
	15	12	12	19	30	15	18	12	22
	39	12		16	19	22	23		12
WC9HJU-5843 Yfiler® Plus									
3	36	14	11,14	14	30	25	11	13	14
	15	12	12	19	30	15	18	12	22
	39	12		16	19	22	23		12
WDYMVE-5844 Yfiler®									
3		14	11,14	14	30	25	11	13	14
	15	12	12	19		15	18		
							23		12
XF3HEG-5844 Yfiler®									
3		14	11,14	14	30	25	11	13	14
	15	12	12	19		15	18		
							23		12
XJJ6MU-5843 Yfiler® Plus PCR Amplification Kit									
3	36,36	14	11,14	14	30	25	11	13	14
	15	12	12	19	30	15	18	12	22
	39	12		16	19	22	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 3 - YSTR Results

XZ7NHG-5845	Yfiler®, PowerPlex® Fusion 5C								
3		14	11,14	14	30	25	11	13	14
	15	12	12	19		15	18		
							23		12
YT8C6K-5845	PowerPlex® Y 23								
3		14	11,14	14	30	25	11	13	14
	15	12	12	19		15	18		22
		12	13	16	19		23	10	12
ZE66PU-5843	PowerPlex® Y 23								
3		14	11,14	14	30	25	11	13	14
	15	12	12	19		15	18		22
		12	13	16	19		23	10	12
ZQXHWD-5843	Yfiler® Plus, PowerPlex® Y 23								
3	36	14	11,14	14	30	25	11	13	14
	15	12	12	19	30	15	18	12	22
	39	12	13	16	19	22	23	10	12

## Additional DNA Results

TABLE 3

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

<b>Locus</b>	<b>WebCode-Test</b>	<b>Item 1</b>	<b>Item 2</b>	<b>Item 3</b>
D10S2325	4MGLHB-5845	9,12	8,9	12,13
D21S2055	4MGLHB-5845	20.1,27	19.1,26	16.1,19.1
D2S1360	4MGLHB-5845	29,30	24,26	21,26
D3S1744	4MGLHB-5845	17,19	17,19	17,18
D4S2366	4MGLHB-5845	10,12	9,13	9,13
D5S2500	4MGLHB-5845	10,15	16,16	14,14
D6S474	4MGLHB-5845	16,17	14,17	13,14
D7S1517	4MGLHB-5845	20,21	19,25	19,26
D8S1132	4MGLHB-5845	18,20	20,22	21,22
F13A01	4MGLHB-5845	6,7	6,7	5,6
	8R4BQD-5845	6,7	6,7	5,6
F13B	4MGLHB-5845	6,10	10,10	8,10
	8R4BQD-5845	6,10	10	8,10
FESFPS	4MGLHB-5845	10,11	10,12	11,12
	8R4BQD-5845	10,11	10,12	11,12
LPL	4MGLHB-5845	11,13	10,13	10,10
	8R4BQD-5845	11,13	10,13	10
PENTA C	4MGLHB-5845	11,13	9,11	7,11
	8R4BQD-5845	11,13	9,11	7,11

# Additional Comments

## TABLE 4

WebCode-Test	Additional Comments
2G3YVA-5844	The [Laboratory] does not utilize the Y-indel during analysis"
3ZUKVR-5844	Samples were profiled more than once due to low amount of DNA on the collector. Where and how much DNA was spotted on the Bode collector was difficult to determine since our laboratory does not quantitate.
4MJCM9-5844	Y-indel not analyzed by laboratory.
4NHVPF-5845	Sample 1 was re-extracted utilizing GlobalFiler reagents with 100% concordance.
7VQNXW-5845	Multiple runs of the reference samples were required. Item 1 still resulted in a partial profile. The swabs submitted for Item 1 were not of sufficient quality to obtain a full profile on the IntegenX RapidHIT ID instrumentation. Results Key: --- = Possible Additional Alleles
7XW9LW-5845	Multiple runs of the reference samples were required which still resulted in partial profiles. Swabs submitted were not of sufficient quality to obtain full profiles on the IntegenX RapidHIT ID instrumentation. --- = Possible additional alleles (The present allele is below our stochastic threshold so therefore we are not confident that the locus is a true homozygote)
8AKED6-5843	Per [Laboratory] protocol, the Y-Indel is not part of the GFE panel, therefore there is no data available for this locus in the DNA profiles associated with Sample 2 (PTS000289) or Sample 3 (PTS000290). For Sample 2 (PTS000289) there were no allelic peaks present at the DYS391 locus.
922TG8-5845	Item 1, Item 2, and Item 3 were tested with both Fusion and Yfiler kits, which both contain locus DYS391. All results for each item were concordant at DYS391 between both Fusion and Yfiler kits.
9PTQH4-5844	Y Indel is not part of the GFE panel, therefore no data is available for this marker in the three samples.
A4R3JL-5843	NR = No Result
AQ6TWF-5845	Items 1-3 were tested and charted using the PCR-based PowerPlex Fusion System. All evidence will be retained at [Laboratory] until the proficiency results are confirmed, at which point the evidence will be discarded.
CLLPU3-5845	Fusion and YFiler were performed on Items 1, 2 and 3. Results were concordant at DYS391.
CQWF2-5845	NR = no results
D4FXBX-5844	Item 1 = Sample# 201807935, Item 2 = Sample# 201807936, Item 3 = Sample# 201807937. Had to use ALS to see where saliva was located on the filter paper before processing samples
DB2TAG-5843	NR=No Results
DKPJW9-5843	The analyst is not trained in Y-amplification therefore, Y testing was not performed.
DNZQ7Z-5845	[From Table 1 - STR Amplification Kit(s) & Results, Item 3: "Analysis incomplete at the time of submission"]
DT3DCB-5845	Please add more sample to the swabs. The amount of DNA on the swabs is of a smaller quantity than our laboratory typically encounters in testing saliva buccal swab samples for database entry.
FB79BJ-5844	Organic extraction method was used for known saliva swab by using powerplex 16 HS kit and y-Filer plus kit.
FHA2Q9-5845	Samples labeled items 1-3 were tested and charted using the PCR-based Promega PowerPlex Fusion 6C System. All evidence will be retained at [Laboratory] until the proficiency results are confirmed, at which point the evidence will be discarded.

TABLE 4

WebCode-Test	Additional Comments
HFBT7U-5844	Per [Laboratory] validation studies, the Y Indel is not analyzed in GMID-X for all samples. Two attempts were made to obtain results at DYS391 for Item 3. An "11" allele was detected in both runs but was below the [Laboratory] peak interpretation threshold (PIT) and not included in the DNA Results table.
HL6ACU-5844	NR = NO RESULTS
JMPRJ7-5844	Punching of 1.2 mm paper disc and NGM SElect direct PCR method was used on each buccal DNA collector.
KBGALB-5844	Individual 1, Item 1 is sample #201807431. Individual 2, Item 2 is sample #201807433. Individual 3, Item 3 is sample #201807434.
LH7ERG-5845	Sample data exhibited heavy drop out and degradation when run on the RapidHIT(R) ID System and GlobalFiler (R) Express Kit. Multiple runs performed with no run resulting in a full profile. Samples of insufficient quality to generate a full STR profile using this platform. Key for results: --- - Possible additional alleles
LWV8P6-5845	All evidence will be retained at [Laboratory] until the results of the test are disclosed, at which point the evidence will be discarded.
MWMXJN-5843	Per validations and SOP's, the unit does not utilize the Yindel function in the Globalfiler kits.
NUBJPM-5843	For Items 2 and 3: Per validation, Y indel range filter turned off; therefore, will not be interpreted.
PNN224-5845	For Item 2, weaker alleles indicated with brackets are still reported alleles for the profile. The brackets are to show they fall below stochastic threshold. Both loci have a heterozygous result.
QJ4MJM-5845	[From Table 1 - STR Amplification Kit(s) & Results, Items 1 & 3: "Analysis incomplete at the time of submission"]
R6NTV4-5845	Performed analyses robotically.
RECJHW-5845	Samples labeled Items 1-3 were tested and charted using the PCR-based Promega Powerplex Fusion 5C System. All evidence will be retained at [Laboratory] until the proficiency results are confirmed, at which point the evidence will be discarded.
ULJXEH-5844	NR indicates no results
WPA89F-5843	Y-indel not analyzed by laboratory
XZ7NHG-5845	Fusion/Yfiler testing was performed on Items 1 - 3. Results were concordant at DYS391 for all tested items. NR = No results obtained
YJKF3X-5845	The laboratory does not perform Y-STR analysis on database samples, beyond those loci included in the GlobalFiler Express kit.
Z8XKF4-5845	Item 1 attempted with both swabs supplied and partial profile obtained.

-End of Report-  
(Appendix may follow)

# Appendix: Data Sheet

Collaborative Testing Services ~ Forensic Testing Program

\*\*\*\*\*

## Test No. 18-5843: DNA Database - Saliva

DATA MUST BE RECEIVED BY September 24, 2018 TO BE INCLUDED IN THE REPORT

Participant Code:

WebCode:

### Accreditation Release Statement

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

This participant's data is intended for submission to ASCLD/LAB, ANAB and/or A2LA.  
(Accreditation Release section on the last page must be completed and submitted.)

This participant's data is **NOT** intended for submission to ASCLD/LAB, ANAB or A2LA.

#### Scenario:

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

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

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

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

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

Page 1 of 7

Participant Code:

WebCode:

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

**DNA Analysis Instructions:**

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

- \* Report alleles in numerical order, separated by a comma (no spaces necessary).
- \* Follow your laboratory procedures for reporting homozygotes (i.e. X,X or X).
- \* If your laboratory policy is to indicate minor or weaker alleles, please enclose them within brackets [ ].

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

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

- 1) The YSTR loci commonly generated using STR multiplex systems are now included in the STR section. (DYS391, DYS570, DYS576, Y Indel)
- 2) There is no longer a need to transcribe YSTR results from STR multiplex systems to the YSTR section.

For probabilistic genotyping software, a text field has been added directly below the amplification kit section for each item to capture which software was used.

**Additional DNA Results:**

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

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

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



Participant Code:  
WebCode:

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

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

Identifiler® \_\_\_\_\_  GlobalFiler™ \_\_\_\_\_  Investigator® 24plex \_\_\_\_\_

PowerPlex® \_\_\_\_\_ Other \_\_\_\_\_

**Report the Probabilistic Genotyping Software Used (if applicable):** \_\_\_\_\_

<b>ITEM</b>	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>ITEM</b>	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>ITEM</b>	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>ITEM</b>	FGA	Penta D	Penta E	SE33	TH01	TPOX
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>ITEM</b>	vWA	DYS391	DYS570	DYS576	Y Indel	
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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

Yfiler™ \_\_\_\_\_  PowerPlex® Y \_\_\_\_\_ Other \_\_\_\_\_

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

Please return all pages of this data sheet.

Participant Code:

WebCode:

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

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

Identifiler® \_\_\_\_\_
  GlobalFiler™ \_\_\_\_\_
  Investigator® 24plex \_\_\_\_\_  
 PowerPlex® \_\_\_\_\_ Other \_\_\_\_\_

**Report the Probabilistic Genotyping Software Used (if applicable):** \_\_\_\_\_

<b>ITEM</b>	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
<b>2</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>ITEM</b>	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
<b>2</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>ITEM</b>	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
<b>2</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>ITEM</b>	FGA	Penta D	Penta E	SE33	TH01	TPOX
<b>2</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>ITEM</b>	vWA	DYS391	DYS570	DYS576	Y Indel	
<b>2</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	

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

Yfiler™ \_\_\_\_\_
  PowerPlex® Y \_\_\_\_\_
 Other \_\_\_\_\_

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

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

Participant Code:

WebCode:

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

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

Identifiler® \_\_\_\_\_
  GlobalFiler™ \_\_\_\_\_
  Investigator® 24plex \_\_\_\_\_  
 PowerPlex® \_\_\_\_\_ Other \_\_\_\_\_

**Report the Probabilistic Genotyping Software Used (if applicable):** \_\_\_\_\_

<b>ITEM</b>	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
<b>3</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>ITEM</b>	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
<b>3</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>ITEM</b>	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
<b>3</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>ITEM</b>	FGA	Penta D	Penta E	SE33	TH01	TPOX
<b>3</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>ITEM</b>	vWA	DYS391	DYS570	DYS576	Y Indel	
<b>3</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	

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

Yfiler™ \_\_\_\_\_
  PowerPlex® Y \_\_\_\_\_
 Other \_\_\_\_\_

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

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

Participant Code:  
WebCode:

**Part II: ADDITIONAL COMMENTS**

Comments regarding any part of this test.

*Written conclusions (including statistical information) for DNA analysis are not required.*

*Note: Laboratories submitting their results for accreditation are asked to report any additional information that will assist in the review of their results. This includes an explanation of any deviations from a full completion of the test and/or unique findings such as elevated stutter.*

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**Return Instructions:** Data must be received via online data entry, fax (please include a cover sheet), or mail by *September 24, 2018* to be included in the report. Emailed data sheets will not be accepted.

**QUESTIONS?**

TEL: +1-571-434-1925 (8 am - 4:30 pm EST)  
EMAIL: [forensics@cts-interlab.com](mailto:forensics@cts-interlab.com)  
[www.ctsforensics.com](http://www.ctsforensics.com)

Participant Code:

ONLINE DATA ENTRY: [www.cts-portal.com](http://www.cts-portal.com)

FAX: +1-571-434-1937

MAIL: Collaborative Testing Services, Inc.  
P.O. Box 650820  
Sterling, VA 20165-0820 USA

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

Page 6 of 7

Collaborative Testing Services ~ Forensic Testing Program

**RELEASE OF DATA TO ACCREDITATION BODIES**

The following Accreditation Releases will apply only to:

Participant Code:

WebCode:

for Test No. **18-5843: DNA Database - Saliva**

This release page must be completed and received by **September 24, 2018** to have this participant's submitted data included in the reports forwarded to the respective Accreditation Bodies.

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

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

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

(Include ASCLD/LAB Certificate here)

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

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

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

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

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

**Accreditation Release**

**Return Instructions**

*Please submit the completed Accreditation Release at the same time as your full data sheet. See Data Sheet Return Instructions on the previous page.*

*Questions? Contact us 8 am-4:30 pm EST  
Telephone: +1-571-434-1925  
email: forensics@cts-interlab.com*

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

Page 7 of 7