



## **DNA Database - Saliva Test No. 19-5843/4/5 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 148 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 125  $\mu$ 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 22, 2019.

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

**VERIFICATION:** Laboratories that conducted predistribution analysis of the samples reported consistent allelic results across all three substrates.

## Manufacturer's Information, continued

### Amelogenin and STR Results

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

Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
1	11,15	23,23	10,10	15,15	7,10	*
	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12,2,15	30,2,33.2	15,15	X,Y	12,12
	23,24	9,10	12,15	20,25.2	6,7	11,11
	17,20	10	16	18	2	
2	12,16	18,25	10,11.3	15,16	12,12	*
	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22	12,13	12,17	20,22	6,9.3	8,8
	17,18	NM	NM	NM	NM	
3	11,15.3	17,19	10,11	15,16	11,11	*
	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22	13,13	7,13	15,22	6,7	8,12
	14,15	11	18	17	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	35,36	14	11,14	13	28	24	10	13	13
	15	12	13	19	28	15	17	11	20
	39	12	13	16	18	23	23	10	12
3	35,38	14	11,15	13	29	24	11	13	13
	15	12	10	19	30	15	20	10	22
	38	12	13	18	17	23	23	10	11

\* 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 STR results returned, three participants reported results that differed from the consensus/predistribution testing results. One participant reported the additional allele "15" for Item 1 at the D10S1248 locus. Another participant reported the result "11, ---" at the TPOX locus for Item 1, where the consensus was "11,11" and indicated in the Additional Comments section that additional alleles were possible. One participant reported the result "15,25" at the D2S1338 locus for Item 2 where the consensus was "18,25".

All participants that reported YSTR results were consistent with the consensus/predistribution testing results.

# STR Amplification Kit(s) & Results

TABLE 1

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

## Item 1 - STR Results

24VX9Q - 5843	PowerPlex® Fusion 5C					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24	9,10	12,15		6,7	11,11
	17,20	10				
2ET2BY - 5843	PowerPlex® Fusion					
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24	9,10	12,15		6,7	11
	17,20	10				
2FQC72 - 5845	GlobalFiler™, Global Filer Express					
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24			20,25.2	6,7	11
	17,20	10			2	
2HRC8Y - 5843	PowerPlex® Fusion					
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24	9,10	12,15		6,7	11
	17,20	10				
2TCTTE - 5845	PowerPlex® Fusion 5C					
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24	9,10	12,15		6,7	11
	17,20	10				
2U3Y3C - 5844	GlobalFiler™ Express					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	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

2U7ENQ - 5843	PowerPlex® Fusion5C					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24	9,10	12,15		6,7	11,11
	17,20	10				
3NA7M3 - 5844	GlobalFiler™ Express PCR Amplification Kit, Globalfiler PCR Amplification Kit					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	10			2	
42VTDF - 5844	GlobalFiler™ Express, GlobalFiler					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	10			2	
4APY8G - 5844	GlobalFiler™ Express					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	10			2	
4B797A - 5843	PowerPlex® Fusion 6C					
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24	9,10	12,15	20,25.2	6,7	11
	17,20	10	16	18		
4ELQ8R - 5844	PowerPlex® Fusion 5C					
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24	9,10	12,15		6,7	11
	17,20	10				
4QTLHG - 5844	GlobalFiler™					
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24			20,25.2	6,7	11
	17,20	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

4UA6BX - 5844	GlobalFiler™ Express PCR Amplification kit					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	10			2	
4URWL4 - 5844	GlobalFiler™ Express PCR Amplification Kit, Globalfiler PCR Amplification Kit					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	10			2	
4Z4N4G - 5845	GlobalFiler™					
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24			20,25.2	6,7	11
	17,20	10			2	
6A6PLJ - 5844	GlobalFiler™ Express, GlobalFiler					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	10			2	
6CNWVE - 5844	GlobalFiler™ Express					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	10			2	
6ZKG2W - 5843	GlobalFiler™					
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24			20,25.2	6,7	11
	17,20	10			2	
72HFFU - 5844	GlobalFiler™ Express					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	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

72QY2D - 5843 PowerPlex® 5C						
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24	9,10	12,15		6,7	11,11
	17,20	10				
7KFKC4 - 5843 GlobalFiler™						
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24			20,25.2	6,7	11
	17,20	10			2	
7Q9H8L - 5843 PowerPlex® Fusion 5C						
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24	9,10	12,15		6,7	11,11
	17,20	10				
823F8Q - 5843 PowerPlex® Fusion 6C						
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24	9,10	12,15	20,25.2	6,7	11,11
	17,20	10	16	18		
83D8EL - 5844 GlobalFiler™						
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24			20,25.2	6,7	11
	17,20	10			2	
83ZQ6E - 5845 GlobalFiler™ Express						
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24			20,25.2	6,7	11
	17,20	10			2	
864FFA - 5844 GlobalFiler™ Express						
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	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

8DBYUZ - 5844	GlobalFiler™ Express PCR Amplification Kit					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	10			2	
8DYBLL - 5843	GlobalFiler™					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	10			2	
8JKEDN - 5844	PowerPlex® Fusion 5C					
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24	9,10	12,15		6,7	11
	17,20	10				
9ABBQX - 5843	PowerPlex® ESX17 System, CS7 System, Fusion Sytem, GlobalFiler™					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24	9,10	12,15	20,25.2	6,7	11,11
	17,20	10			2	
9H4HCN - 5843	PowerPlex® Fusion, GlobalFiler™ PCR Amplification kit, PowerPlex® ESX, PowerPlex® CS7					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24	9,10	12,15	20,25.2	6,7	11,11
	17,20	10			2	
9HMKZC - 5844	GlobalFiler™					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	10			2	
9HPZLP - 5844	GlobalFiler™ Express					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	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

9Q44CN - 5844	PowerPlex® Fusion 5C					
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24	9,10	12,15		6,7	11
	17,20	10				
AB2RGP - 5843	PowerPlex® Fusion					
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24	9,10	12,15		6,7	11
	17,20	10				
AFVTGJ - 5843	PowerPlex® Fusion 5C					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24	9,10	12,15		6,7	11,11
	17,20	10				
AHLVNR - 5843	PowerPlex® Fusion					
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24	9,10	12,15		6,7	11
	17,20	10				
AHLX86 - 5843	GlobalFiler™ Express					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	10			2	
AKBWUF - 5845	Investigator® 24plex GO!					
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24			20,25.2	6,7	11
	17,20	10				
AZERPU - 5844	GlobalFiler™ Express PCR Amplification Kit					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	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

AZPA32 - 5843	GlobalFiler™					
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24			20,25.2	6,7	11
	17,20	10			2	
B3JN2A - 5843	Investigator® 24plex GO!					
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24			20,25.2	6,7	11
	17,20	10				
B3PXXG - 5843	PowerPlex® Fusion 5C					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24	9,10	12,15		6,7	11,11
	17,20	10				
BNMHN7 - 5844	GlobalFiler™ Express					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	10			2	
C2998A - 5843	Investigator® 24plex GO!					
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24			20,25.2	6,7	11
	17,20	10				
C3YDG9 - 5844	GlobalFiler™ Express					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	10			2	
CZG88D - 5844	GlobalFiler™ Express					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	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

D3XTD6 - 5845	GlobalFiler™ Express					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	10			2	
D896A7 - 5845	GlobalFiler™ Express					
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24			20,25.2	6,7	11
	17,20	10			2	
DDVWFE - 5845	GlobalFiler™ Express					
	11,15	23,23	10,10	15,15	7,10	Not Tested
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24	Not Tested	Not Tested	20,25.2	6,7	11,11
	17,20	10	Not Tested	Not Tested	2	
DGU9BD - 5845	GlobalFiler™ Express					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,---
	17,20	No Results			2	
DMKKC2 - 5845	PowerPlex® 5C					
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24	9,10	12,15		6,7	11
	17,20	10				
DNCQMZ - 5844	GlobalFiler™ Express					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	10			2	
DQZ46J - 5845	PowerPlex® Fusion, PowerPlex® ESX 17					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24	9,10	12,15	20,25.2	6,7	11,11
	17,20	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

EMZ4WY - 5843	PowerPlex® Fusion 6C					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24	9,10	12,15	20,25.2	6,7	11,11
	17,20	10	16	18		
EVBGVH - 5844	PowerPlex® Fusion 5C					
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24	9,10	12,15		6,7	11
	17,20	10				
F3CVJ6 - 5845	PowerPlex® Fusion 6C					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24	9,10	12,15	20,25.2	6,7	11,11
	17,20	10	16	18		
F4K6AG - 5844	PowerPlex® 5C					
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24	9,10	12,15		6,7	11
	17,20	10				
F4L8TT - 5843	PowerPlex® Fusion					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24	9,10	12,15		6,7	11,11
	17,20	10				
F9YPAB - 5843	PowerPlex® 5C					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24	9,10	12,15		6,7	11,11
	17,20	10				
FE6LVV - 5843	NMGSelect					
	11,15	23,23	10,10	15,15		
1		11,13	14,14	18,19		9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	
	23,24			20,25.2	6,7	
	17,20					

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

FN7XZC - 5843	Identifiler® Direct					
		23,23		15,15	7,10	
1	11,11	11,13			11,12	9,11
	16,17	12.2,15	30.2,33.2		X,Y	12,12
	23,24				6,7	11,11
	17,20					
FTLGA8 - 5845	GlobalFiler™ Express					
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24			20,25.2	6,7	11
	17,20	10			2	
FZJ7RW - 5843	PowerPlex® Fusion 6C					
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24	9,10	12,15	20,25.2	6,7	11
	17,20	10	16	18		
FZZEND - 5844	GlobalFiler™ Express					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	10				
G4BNEM - 5844	GlobalFiler™ PCR Amplification Kit					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	10			2	
GMQ22B - 5843	PowerPlex® Fusion 5C					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24	9,10	12,15		6,7	11,11
	17,20	10				
GQPC4D - 5843	Identifiler® Direct					
		23,23		15,15	7,10	
1	11,11	11,13			11,12	9,11
	16,17	12.2,15	30.2,33.2		X,Y	12,12
	23,24				6,7	11,11
	17,20					

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

GZCDJM - 5844 GlobalFiler™ Express PCR Amplification Kit						
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,15	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	10			2	
H8T9YG - 5843 PowerPlex® Fusion (M-FISys 11.09)						
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24	9,10	12,15		6,7	11,11
	17,20	10				
HCLDKY - 5843 GlobalFiler™ Express						
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	10			2	
HEFZFB - 5843 PowerPlex® Fusion 5C						
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24	9,10	12,15		6,7	11,11
	17,20	10				
HFCD8A - 5843 PowerPlex® Fusion 5C						
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24	9,10	12,15		6,7	11,11
	17,20	10				
HLFGT2 - 5843 PowerPlex®						
	11,15	23,23		15,15	7,10	13,17
1	11,11	11,13		18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2		X,Y	12,12
	23,24	9,10	12,15		6,7	11,11
	17,20					
HMMXTR - 5845 Sure ID 21G Plus						
	11,15	23,23		15,15	7,10	13,17
1	11,11	11,13		18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2		X,Y	12,12
	23,24	9,10	12,15		6,7	11,11
	17,20					

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

HURLZZ - 5845 GlobalFiler™ Express						
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	10			2	
HVG3LT - 5844 Identifiler® Direct						
		23,23		15,15	7,10	
1	11,11	11,13			11,12	9,11
	16,17	12.2,15	30.2,33.2		X,Y	12,12
	23,24				6,7	11,11
	17,20					
HWQ8ZH - 5843 Identifiler® Direct						
		23,23		15,15	7,10	
1	11,11	11,13			11,12	9,11
	16,17	12.2,15	30.2,33.2		X,Y	12,12
	23,24				6,7	11,11
	17,20					
J9JU7D - 5845 PowerPlex® Fusion 5C						
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24	9,10	12,15		6,7	11
	17,20	10				
J9KMXJ - 5845 GlobalFiler™ Express						
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24			20,25.2	6,7	11
	17,20	10			2	
J9LPGW - 5845 GlobalFiler™ Express						
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	10			2	
JKCBVE - 5845 PowerPlex® ESX 17, Fusion, CS7, GlobalFiler™, Verifiler Plus						
	11,15	23	10	15	7,10	13,17
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24	9,10	12,15	20,25.2	6,7	11
	17,20	10	16	18	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

JMPNU9 - 5843 PowerPlex® Fusion 5C						
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24	9,10	12,15		6,7	11,11
	17,20	10				
JYYLHA - 5843 PowerPlex® Fusion 6C						
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24	9,10	12,15	20,25.2	6,7	11
	17,20	10	16	18		
KU28L8 - 5844 NGM SElect (GeneMapper ID-X version 1.1)						
	11,15	23,23	10,10	15,15		
1		11,13	14,14	18,19		9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	
	23,24			20,25.2	6,7	
	17,20					
KUW2UB - 5845 PowerPlex® Fusion 5C						
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24	9,10	12,15		6,7	11
	17,20	10				
KVC997 - 5843 DNATyper19						
		23		15	7,10	13,17
1	11	11,13		18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2		X,Y	12
	23,24		12,15		6,7	11
	17,20					
L47R9Z - 5845 PowerPlex® F6C						
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24	9,10	12,15	20,25.2	6,7	11
	17,20	10	16	18		
L7BJZD - 5843 PowerPlex® Fusion						
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24	9,10	12,15		6,7	11
	17,20	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

LFU3CW - 5845	GlobalFiler™ Express					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	10			2	
LMEYG8 - 5843	PowerPlex® Fusion 5C					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24	9,10	12,15		6,7	11,11
	17,20	10				
LYR4N4 - 5845	PowerPlex® Fusion 5C					
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24	9,10	12,15		6,7	11
	17,20	10				
LZGCPR - 5844	GlobalFiler™ Express					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	10			2	
M36GP3 - 5843	Investigator® 24plex GO!					
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24			20,25.2	6,7	11
	17,20	10				
M3KKD3 - 5843	PowerPlex® Fusion 5C					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24	9,10	12,15		6,7	11,11
	17,20	10				
M7JXY7 - 5845	GlobalFiler™ Express					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	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

M9A7ZV - 5844	GlobalFiler™					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	10			2	
MCTAZD - 5845	GlobalFiler™, GlobalFiler Express					
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24			20,25.2	6,7	11
	17,20	10			2	
MGHMQF - 5844	GlobalFiler™ Express PCR Amplification Kit Form, GlobalFiler PCR Amplification Kit					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	10			2	
MHTPCE - 5844	GlobalFiler™ Express PCR Amplification Kit, GlobalFiler™ PCR Amplification Kit					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	10			2	
MTXLMW - 5845	PowerPlex® Fusion 5C					
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24	9,10	12,15		6,7	11
	17,20	10				
MUPQXV - 5844	GlobalFiler™ Express					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	10			2	
N78EZV - 5843	PowerPlex® Fusion 5C					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24	9,10	12,15		6,7	11,11
	17,20	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

N99LWR - 5843 GlobalFiler™ Express						
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	10			2	
NHZVPW - 5845 PowerPlex® Fusion 6C						
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24	9,10	12,15	20,25.2	6,7	11,11
	17,20	10	16	18		
NQ3EPD - 5843 Identifiler® Direct						
		23,23		15,15	7,10	
1	11,11	11,13			11,12	9,11
	16,17	12.2,15	30.2,33.2		X,Y	12,12
	23,24				6,7	11,11
	17,20					
NR3FQ4 - 5843 PowerPlex® Fusion 5C						
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24	9,10	12,15		6,7	11,11
	17,20	10				
NU3PLD - 5844 GlobalFiler™ Express						
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	10				
PMME4 - 5845 GlobalFiler™ Express						
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	10			2	
PP3XQL - 5844 GlobalFiler™ Express PCR Amplification Kit						
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	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

PPCF4R - 5845	GlobalFiler™ Express					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	10			2	
QEPN9M - 5844	GlobalFiler™ Express					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	10			2	
QNY2H4 - 5843	GlobalFiler™					
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24			20,25.2	6,7	11
	17,20	10			2	
QP99KW - 5845	GlobalFiler™ Express					
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24			20,25.2	6,7	11
	17,20	10			2	
QQJB8V - 5845	GlobalFiler™ Express					
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24			20,25.2	6,7	11
	17,20	10			2	
QVCC9A - 5845	GlobalFiler™ Express, GlobalFiler™					
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24			20,25.2	6,7	11
	17,20	10			2	
R3MZDV - 5845	PowerPlex® Fusion 6C					
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24	9,10	12,15	20,25.2	6,7	11
	17,20	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 1 - STR Results

R6D9FK - 5844	GlobalFiler™ Express, GlobalFiler					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	10			2	
R9DDFJ - 5844	GlobalFiler™					
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24			20,25.2	6,7	11
	17,20	10			2	
RFPNDC - 5844	GlobalFiler™ Express PCR Amplification Kit, GlobalFiler PCR Amplification Kit					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	10			2	
RTMDLY - 5844	GlobalFiler™					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	10			2	
TBV24N - 5844	GlobalFiler™ Express					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	10			2	
THECBX - 5844	GlobalFiler™ Express					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	10				
TXWQ4X - 5843	PowerPlex® Fusion 5C					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24	9,10	12,15		6,7	11,11
	17,20	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

UEE9CN - 5843 PowerPlex® ESI 16 FAST						
	11,15	23,23	10,10	15,15		
1		11,13	14,14	18,19		9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	
	23,24				6,7	
	17,20					
UHG646 - 5843 PowerPlex® Fusion 6C						
	11,15	23,23	10,10	15,15	7,10	
1		11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24	9,10	12,15	20,25.2	6,7	11,11
	17,20	10	16	18		
ULELFY - 5843 PowerPlex® Fusion 5C						
	11,15	23,23	10,10	15,15	7,10	
1		11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24	9,10	12,15		6,7	11,11
	17,20	10				
UWF7HQ - 5845 GlobalFiler™ Express						
	11,15	23	10	15	7,10	
1		11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24			20,25.2	6,7	11
	17,20	10			2	
WU3DX - 5845 GlobalFiler™ Express						
	11,15	23,23	10,10	15,15	7,10	
1		11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	10			2	
W492TU - 5843 PowerPlex® Fusion 5C						
	11,15	23,23	10,10	15,15	7,10	
1		11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24	9,10	12,15		6,7	11,11
	17,20	10				
W8P99G - 5843 PowerPlex® Fusion 6C						
	11,15	23	10	15	7,10	
1		11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24	9,10	12,15	20,25.2	6,7	11
	17,20	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 1 - STR Results

WFKD3H - 5843 PowerPlex® Fusion 6C						
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24	9,10	12,15	20,25.2	6,7	11
	17,20	10	16	18		
WWAGMT - 5844 GlobalFiler™ Express						
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	10			2	
WXE7MF - 5843 PowerPlex® Fusion 6C						
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24	9,10	12,15	20,25.2	6,7	11
	17,20	10	16	18		
XFFF6R - 5843 PowerPlex® Fusion 5C						
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24	9,10	12,15		6,7	11,11
	17,20	10				
XHK2UD - 5843 GlobalFiler™						
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24			20,25.2	6,7	11
	17,20	10			2	
XVDHRQ - 5844 PowerPlex® Fusion 5C						
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24	9,10	12,15		6,7	11
	17,20	10				
YDPJ2J - 5843 GlobalFiler™						
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24			20,25.2	6,7	11
	17,20	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

YFUYP - 5844	PowerPlex® Fusion 6C					
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24	9,10	12,15	20,25.2	6,7	11
	17,20	10	16	18		
YG62BN - 5844	PowerPlex® Fusion 6C					
	11,15	23	10	15	7,10	
1	11	11,13	14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15	X,Y	12
	23,24	9,10	12,15	20,25.2	6,7	11
	17,20	10	16	18		
YH43JZ - 5843	PowerPlex® Fusion 6C					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24	9,10	12,15	20,25.2	6,7	11,11
	17,20	10	16	18		
YJBHG7 - 5844	GlobalFiler™ Express PCR Amplification Kit, GlobalFiler PCR Amplification Kit					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	10			2	
Z28CUG - 5845	GlobalFiler™ Express					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	10			2	
Z3WTGB - 5844	GlobalFiler™ Express PCR Amplification Kit					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24			20,25.2	6,7	11,11
	17,20	10			2	
Z4HA8Y - 5843	PowerPlex® Fusion 6C					
	11,15	23,23	10,10	15,15	7,10	
1	11,11	11,13	14,14	18,19	11,12	9,11
	16,17	12.2,15	30.2,33.2	15,15	X,Y	12,12
	23,24	9,10	12,15	20,25.2	6,7	11,11
	17,20	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 1 - STR Results

ZBE2FT - 5843		PowerPlex® Fusion 5C				
		11,15	23	10	15	7,10
1		11	11,13	14	18,19	11,12 9,11
		16,17	12.2,15	30.2,33.2	15	X,Y 12
		23,24	9,10	12,15		6,7 11
		17,20	10			

ZRMV93 - 5843		GlobalFiler™				
		11,15	23	10	15	7,10
1		11	11,13	14	18,19	11,12 9,11
		16,17	12.2,15	30.2,33.2	15	X,Y 12
		23,24			20,25.2	6,7 11
		17,20	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

24VX9Q - 5843	PowerPlex® Fusion 5C					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22	12,13	12,17		6,9.3	8,8
	17,18	NR				
2ET2BY - 5843	PowerPlex® Fusion					
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22	12,13	12,17		6,9.3	8
	17,18					
2FQC72 - 5845	GlobalFiler™, GlobalFiler Express					
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22			20,22	6,9.3	8
	17,18					
2HRC8Y - 5843	PowerPlex® Fusion					
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22	12,13	12,17		6,9.3	8
	17,18					
2TCTTE - 5845	PowerPlex® Fusion 5C					
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22	12,13	12,17		6,9.3	8
	17,18	No Results				
2U3Y3C - 5844	GlobalFiler™ Express					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22			20,22	6,9.3	8,8
	17,18					
2U7ENQ - 5843	PowerPlex® Fusion 5C					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22	12,13	12,17		6,9.3	8,8
	17,18					

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

3NA7M3 - 5844	GlobalFiler™ Express PCR Amplification Kit, Globalfiler PCR Amplification Kit					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22			20,22	6,9.3	8,8
	17,18					
42VTDF - 5844	GlobalFiler™ Express, GlobalFiler					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22			20,22	6,9.3	8,8
	17,18					
4APY8G - 5844	GlobalFiler™ Express					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22			20,22	6,9.3	8,8
	17,18					
4B797A - 5843	PowerPlex® Fusion 6C					
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22	12,13	12,17	20,22	6,9.3	8
	17,18					
4ELQ8R - 5844	PowerPlex® Fusion 5C					
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22	12,13	12,17		6,9.3	8
	17,18					
4QTLHG - 5844	GlobalFiler™					
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22			20,22	6,9.3	8
	17,18					
4UA6BX - 5844	GlobalFiler™ Express PCR Amplification kit					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22			20,22	6,9.3	8,8
	17,18	-			-	

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

4URWL4 - 5844	GlobalFiler™ Express PCR Amplification Kit, Globalfiler PCR Amplification Kit					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22			20,22	6,9.3	8,8
	17,18					
4Z4N4G - 5845	GlobalFiler™					
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22			20,22	6,9.3	8
	17,18					
6A6PLJ - 5844	GlobalFiler™ Express, GlobalFiler					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22			20,22	6,9.3	8,8
	17,18					
6CNWVE - 5844	GlobalFiler™ Express					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22			20,22	6,9.3	8,8
	17,18					
6ZKG2W - 5843	GlobalFiler™					
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22			20,22	6,9.3	8
	17,18					
72HFFU - 5844	GlobalFiler™ Express					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22			20,22	6,9.3	8,8
	17,18					
72QY2D - 5843	PowerPlex® 5C					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22	12,13	12,17		6,9.3	8,8
	17,18					

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

7KFKC4 - 5843	GlobalFiler™					
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22			20,22	6,9.3	8
	17,18					
7Q9H8L - 5843	PowerPlex® Fusion 5C					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	XX	11,11
	21,22	12,13	12,17		6,9.3	8,8
	17,18					
823F8Q - 5843	PowerPlex® Fusion 6C					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	XX	11,11
	21,22	12,13	12,17	20,22	6,9.3	8,8
	17,18					
83D8EL - 5844	GlobalFiler™					
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22			20,22	6,9.3	8
	17,18					
83ZQ6E - 5845	GlobalFiler™ Express					
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22			20,22	6,9.3	8
	17,18					
864FFA - 5844	GlobalFiler™ Express					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	XX	11,11
	21,22			20,22	6,9.3	8,8
	17,18					
8DBYUZ - 5844	GlobalFiler™ Express PCR Amplification Kit					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	XX	11,11
	21,22			20,22	6,9.3	8,8
	17,18					

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

8DYBLL - 5843	GlobalFiler™					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22			20,22	6,9.3	8,8
	17,18					
8JKEDN - 5844	PowerPlex® Fusion 5C					
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22	12,13	12,17		6,9.3	8
	17,18					
9ABBQX - 5843	PowerPlex® ESX17 System, CS7 System, Fusion System, GlobalFiler™					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22	12,13	12,17	20,22	6,9.3	8,8
	17,18					
9H4HCN - 5843	PowerPlex® Fusion, GlobalFiler™ PCR Amplification kit, PowerPlex® ESX, PowerPlex® CS7					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22	12,13	12,17	20,22	6,9.3	8,8
	17,18					
9HMKZC - 5844	GlobalFiler™					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22			20,22	6,9.3	8,8
	17,18					
9HPZLP - 5844	GlobalFiler™ Express					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22			20,22	6,9.3	8,8
	17,18					
9Q44CN - 5844	PowerPlex® Fusion 5C					
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22	12,13	12,17		6,9.3	8
	17,18					

TABLE 1

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

## Item 2 - STR Results

AB2RGP - 5843	PowerPlex® Fusion					
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22	12,13	12,17		6,9.3	8
	17,18					
AFVTGJ - 5843	PowerPlex® Fusion 5C					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22	12,13	12,17		6,9.3	8,8
	17,18					
AHLVNR - 5843	PowerPlex® Fusion					
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22	12,13	12,17		6,9.3	8
	17,18					
AHLX86 - 5843	GlobalFiler™ Express					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22			20,22	6,9.3	8,8
	17,18					
AKBWUF - 5845	Investigator® 24plex GO!					
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22			20,22	6,9.3	8
	17,18					
AZERPU - 5844	GlobalFiler™ Express PCR Amplification Kit					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22			20,22	6,9.3	8,8
	17,18					
AZPA32 - 5843	GlobalFiler™					
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22			20,22	6,9.3	8
	17,18					



TABLE 1

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

## Item 2 - STR Results

B3JN2A - 5843	Investigator® 24plex GO!					
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22			20,22	6,9.3	8
	17,18					
B3PXXG - 5843	PowerPlex® Fusion 5C					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	XX	11,11
	21,22	12,13	12,17		6,9.3	8,8
	17,18					
BNMHN7 - 5844	GlobalFiler™ Express					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	XX	11,11
	21,22			20,22	6,9.3	8,8
	17,18					
C2998A - 5843	Investigator® 24plex GO!					
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22			20,22	6,9.3	8
	17,18					
C3YDG9 - 5844	GlobalFiler™ Express					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	XX	11,11
	21,22			20,22	6,9.3	8,8
	17,18					
CZG88D - 5844	GlobalFiler™ Express					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	XX	11,11
	21,22			20,22	6,9.3	8,8
	17,18					
D3XTD6 - 5845	GlobalFiler™ Express					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	XX	11,11
	21,22			20,22	6,9.3	8,8
	17,18					

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

D896A7 - 5845	GlobalFiler™ Express					
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22			20,22	6,9.3	8
	17,18					
DDVWFE - 5845	GlobalFiler™ Express					
	12,16	18,25	10,11.3	15,16	12,12	Not Tested
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22	Not Tested	Not Tested	20,22	6,9.3	8,8
	17,18	NR	Not Tested	Not Tested	NR	
DGU9BD - 5845	GlobalFiler™ Express					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22			20,22	6,9.3	8,8
	17,18	No Results			No Results	
DMKCC2 - 5845	PowerPlex® 5C					
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22	12,13	12,17		6,9.3	8
	17,18					
DNCQMZ - 5844	GlobalFiler™ Express					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22			20,22	6,9.3	8,8
	17,18					
DQZ46J - 5845	PowerPlex® Fusion, PowerPlex® ESX 17					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22	12,13	12,17	20,22	6,9.3	8,8
	17,18					
EMZ4WY - 5843	PowerPlex® Fusion 6C					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22	12,13	12,17	20,22	6,9.3	8,8
	17,18					

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

EVBGVH - 5844 PowerPlex® Fusion 5C						
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22	12,13	12,17		6,9.3	8
	17,18					
F3CVJ6 - 5845 PowerPlex® Fusion 6C						
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	XX	11,11
	21,22	12,13	12,17	20,22	6,9.3	8,8
	17,18					
F4K6AG - 5844 PowerPlex® 5C						
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22	12,13	12,17		6,9.3	8
	17,18					
F4L8TT - 5843 PowerPlex® Fusion						
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	XX	11,11
	21,22	12,13	12,17		6,9.3	8,8
	17,18					
F9YPAB - 5843 PowerPlex® 5C						
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	XX	11,11
	21,22	12,13	12,17		6,9.3	8,8
	17,18					
FE6LVV - 5843 NGM SElect						
	12,16	18,25	10,11.3	15,16		
2		13,13	13,16	17,21		11,12
	15,20	14,15	29,31	11,15	XX	
	21,22			20,22	6,9.3	
	17,18					
FN7XZC - 5843 GlobalFiler™ Express						
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	XX	11,11
	21,22			20,22	6,9.3	8,8
	17,18					

TABLE 1

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

## Item 2 - STR Results

FTLGA8 - 5845	GlobalFiler™ Express					
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22			20,22	6,9.3	8
	17,18					
FZJ7RW - 5843	PowerPlex® Fusion 6C					
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22	12,13	12,17	20,22	6,9.3	8
	17,18					
FZZEND - 5844	GlobalFiler™ Express					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	XX	11,11
	21,22			20,22	6,9.3	8,8
	17,18					
G4BNEM - 5844	GlobalFiler™ PCR Amplification Kit					
	12,16	15,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	XX	11,11
	21,22			20,22	6,9.3	8,8
	17,18					
GMQ22B - 5843	PowerPlex® Fusion 5C					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	XX	11,11
	21,22	12,13	12,17		6,9.3	8,8
	17,18					
GQPC4D - 5843	GlobalFiler™ Express					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	XX	11,11
	21,22			20,22	6,9.3	8,8
	17,18					
GZCDJM - 5844	GlobalFiler™ Express PCR Amplification Kit					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	XX	11,11
	21,22			20,22	6,9.3	8,8
	17,18					

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

H8T9YG - 5843 PowerPlex® Fusion (M-FISys 11.09)

	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22	12,13	12,17		6,9.3	8,8
	17,18	0				

HCLDKY - 5843 GlobalFiler™ Express

	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22			20,22	6,9.3	8,8
	17,18					

HEFZFB - 5843 PowerPlex® Fusion 5C

	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22	12,13	12,17		6,9.3	8,8
	17,18					

HFCD8A - 5843 PowerPlex® Fusion 5C

	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22	12,13	12,17		6,9.3	8,8
	17,18	NR				

HLFGT2 - 5843

	12,16	18,25		15,16	12,12	11,19
2	8,11	13,13		17,21	8,12	11,12
	15,20	14,15	29,31		X,X	11,11
	21,22	12,13	12,17		6,9.3	8,8
	17,18					

HMMXTR - 5845 SURE ID 21G Plus

	12,16	18,25		15,16	12,12	11,19
2	8,11	13,13		17,21	8,12	11,12
	15,20	14,15	29,31		X,X	11,11
	21,22	12,13	12,17		6,9.3	8,8
	17,18					

HURLZZ - 5845 GlobalFiler™ Express

	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22			20,22	6,9.3	8,8
	17,18					

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

HVG3LT - 5844	Identifiler® Direct					
		18,25		15,16	12,12	
2	8,11	13,13			8,12	11,12
	15,20	14,15	29,31		X,X	11,11
	21,22				6,9.3	8,8
	17,18					
HWQ8ZH - 5843	GlobalFiler™ Express					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22			20,22	6,9.3	8,8
	17,18					
J9JU7D - 5845	PowerPlex® Fusion 5C					
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22	12,13	12,17		6,9.3	8
	17,18	NR				
J9KMXJ - 5845	GlobalFiler™ Express					
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22			20,22	6,9.3	8
	17,18					
J9LPGW - 5845	GlobalFiler™ Express					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22			20,22	6,9.3	8,8
	17,18					
JKCBVE - 5845	PowerPlex® ESX 17, Fusion, CS7, GlobalFiler™, Verifiler Plus					
	12,16	18,25	10,11.3	15,16	12	11,19
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22	12,13	12,17	20,22	6,9.3	8
	17,18					
JMPNU9 - 5843	PowerPlex® Fusion 5C					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22	12,13	12,17		6,9.3	8,8
	17,18					

TABLE 1

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

## Item 2 - STR Results

JYYLHA - 5843	PowerPlex® Fusion 6C					
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22	12,13	12,17	20,22	6,9.3	8
	17,18					
KU28L8 - 5844	NGM SElect (GeneMapper ID-X version 1.1)					
	12,16	18,25	10,11.3	15,16		
2		13,13	13,16	17,21		11,12
	15,20	14,15	29,31	11,15	XX	
	21,22			20,22	6,9.3	
	17,18					
KUW2UB - 5845	PowerPlex® Fusion 5C					
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22	12,13	12,17		6,9.3	8
	17,18	NR				
KVC997 - 5843	DNATyper19					
		18,25		15,16	12	11,19
2	8,11	13		17,21	8,12	11,12
	15,20	14,15	29,31		X	11
	21,22		12,17		6,9.3	8
	17,18					
L47R9Z - 5845	PowerPlex® F6C					
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22	12,13	12,17	20,22	6,9.3	8
	17,18	NR	NR	NR		
L7BJZD - 5843	PowerPlex® Fusion					
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22	12,13	12,17		6,9.3	8
	17,18					
LFU3CW - 5845	GlobalFiler™ Express					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	XX	11,11
	21,22			20,22	6,9.3	8,8
	17,18					

TABLE 1

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

## Item 2 - STR Results

LMEYG8 - 5843	PowerPlex® Fusion 5C					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22	12,13	12,17		6,9.3	8,8
	17,18					
LYR4N4 - 5845	PowerPlex® Fusion 5C					
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22	12,13	12,17		6,9.3	8
	17,18					
LZGCPR - 5844	GlobalFiler™ Express					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22			20,22	6,9.3	8,8
	17,18					
M36GP3 - 5843	Investigator® 24plex GO!					
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22			20,22	6,9.3	8
	17,18					
M3KKD3 - 5843	PowerPlex® Fusion 5C					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22	12,13	12,17		6,9.3	8,8
	17,18					
M7JXY7 - 5845	GlobalFiler™ Express					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22			20,22	6,9.3	8,8
	17,18	No Results			No Results	
M9A7ZV - 5844	GlobalFiler™					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22			20,22	6,9.3	8,8
	17,18					



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

MCTAZD - 5845 GlobalFiler™, GlobalFiler Express

	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22			20,22	6,9.3	8
	17,18					

MGHMQF - 5844 GlobalFiler™ Express PCR Amplification Kit

	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	XX	11,11
	21,22			20,22	6,9.3	8,8
	17,18					

MHTPCE - 5844 GlobalFiler™ Express PCR Amplification Kit, GlobalFiler™ PCR Amplification Kit

	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	XX	11,11
	21,22			20,22	6,9.3	8,8
	17,18					

MTXLMW - 5845 PowerPlex® Fusion 5C

	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22	12,13	12,17		6,9.3	8
	17,18	NR				

MUPQXV - 5844 GlobalFiler™ Express

	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	XX	11,11
	21,22			20,22	6,9.3	8,8
	17,18					

N78EZV - 5843 PowerPlex® Fusion 5C

	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	XX	11,11
	21,22	12,13	12,17		6,9.3	8,8
	17,18					

N99LWR - 5843 GlobalFiler™ Express

	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	XX	11,11
	21,22			20,22	6,9.3	8,8
	17,18					

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

NHZVPW - 5845 PowerPlex® Fusion 6C						
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22	12,13	12,17	20,22	6,9.3	8,8
	17,18					
NQ3EPD - 5843 GlobalFiler™ Express						
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22			20,22	6,9.3	8,8
	17,18					
NR3FQ4 - 5843 PowerPlex® Fusion 5C						
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22	12,13	12,17		6,9.3	8,8
	17,18					
NU3PLD - 5844 GlobalFiler™ Express						
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22			20,22	6,9.3	8,8
	17,18					
PMME4 - 5845 GlobalFiler™ Express						
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22			20,22	6,9.3	8,8
	17,18	No Results			No Results	
PP3XQL - 5844 GlobalFiler™ Express PCR Amplification Kit						
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22			20,22	6,9.3	8,8
	17,18					
PPCF4R - 5845 GlobalFiler™ Express						
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22			20,22	6,9.3	8,8
	17,18					

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

QEPN9M - 5844	GlobalFiler™ Express					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22			20,22	6,9.3	8,8
	17,18					
QNY2H4 - 5843	GlobalFiler™					
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22			20,22	6,9.3	8
	17,18					
QP99KW - 5845	GlobalFiler™ Express					
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11
	21,22			20,22	6,9.3	8
	17,18					
QQJB8V - 5845	GlobalFiler™ Express					
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22			20,22	6,9.3	8
	17,18					
QVCC9A - 5845	GlobalFiler™ Express, GlobalFiler™					
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22			20,22	6,9.3	8
	17,18					
R3MZDV - 5845	PowerPlex® Fusion 6C					
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22	12,13	12,17	20,22	6,9.3	8
	17,18					
R6D9FK - 5844	GlobalFiler™ Express, GlobalFiler					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22			20,22	6,9.3	8,8
	17,18					

TABLE 1

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

## Item 2 - STR Results

R9DDFJ - 5844	GlobalFiler™					
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22			20,22	6,9.3	8
	17,18					
RFPNDC - 5844	GlobalFiler™ Express PCR Amplification Kit, GlobalFiler PCR Amplification Kit					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	XX	11,11
	21,22			20,22	6,9.3	8,8
	17,18					
RTMDLY - 5844	GlobalFiler™					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	XX	11,11
	21,22			20,22	6,9.3	8,8
	17,18					
TBV24N - 5844	GlobalFiler™ Express					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	XX	11,11
	21,22			20,22	6,9.3	8,8
	17,18					
THECBX - 5844	GlobalFiler™ Express					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	XX	11,11
	21,22			20,22	6,9.3	8,8
	17,18					
TXWQ4X - 5843	PowerPlex® Fusion 5C					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	XX	11,11
	21,22	12,13	12,17		6,9.3	8,8
	17,18					
UEE9CN - 5843	PowerPlex® ESI 16 FAST					
	12,16	18,25	10,11.3	15,16		
2		13,13	13,16	17,21		11,12
	15,20	14,15	29,31	11,15	XX	
	21,22				6,9.3	
	17,18					

TABLE 1

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

## Item 2 - STR Results

UHG646 - 5843	PowerPlex® Fusion 6C					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22	12,13	12,17	20,22	6,9.3	8,8
	17,18					
ULELFY - 5843	PowerPlex® Fusion 5C					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22	12,13	12,17		6,9.3	8,8
	17,18					
UWF7HQ - 5845	GlobalFiler™ Express					
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22			20,22	6,9.3	8
	17,18					
WU3DX - 5845	GlobalFiler™ Express					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22			20,22	6,9.3	8,8
	17,18	No Results			No Results	
W492TU - 5843	PowerPlex® Fusion 5C					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22	12,13	12,17		6,9.3	8,8
	17,18					
W8P99G - 5843	PowerPlex® Fusion 6C					
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22	12,13	12,17	20,22	6,9.3	8
	17,18					
WFKD3H - 5843	PowerPlex® Fusion 6C					
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22	12,13	12,17	20,22	6,9.3	8
	17,18					

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

WWAGMT - 5844 GlobalFiler™ Express

	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22			20,22	6,9.3	8,8
	17,18					

WXE7MF - 5843 PowerPlex® Fusion 6C

	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22	12,13	12,17	20,22	6,9.3	8
	17,18					

XFFF6R - 5843 PowerPlex® Fusion 5C

	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X,X	11,11
	21,22	12,13	12,17		6,9.3	8,8
	17,18					

XHK2UD - 5843 GlobalFiler™

	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22			20,22	6,9.3	8
	17,18					

XVDHRQ - 5844 PowerPlex® Fusion 5C

	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22	12,13	12,17		6,9.3	8
	17,18					

YDPJ2J - 5843 GlobalFiler™

	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22			20,22	6,9.3	8
	17,18					

YFUYP - 5844 PowerPlex® Fusion 6C

	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22	12,13	12,17	20,22	6,9.3	8
	17,18	NR	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

YG62BN - 5844	PowerPlex® Fusion 6C					
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22	12,13	12,17	20,22	6,9.3	8
	17,18	NR	NR	NR		
YH43JZ - 5843	PowerPlex® Fusion 6C					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	XX	11,11
	21,22	12,13	12,17	20,22	6,9.3	8,8
	17,18					
YJBHG7 - 5844	GlobalFiler™ Express PCR Amplification Kit, GlobalFiler PCR Amplification Kit					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	XX	11,11
	21,22			20,22	6,9.3	8,8
	17,18					
Z28CUG - 5845	GlobalFiler™ Express					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	XX	11,11
	21,22			20,22	6,9.3	8,8
	17,18					
Z3WTGB - 5844	GlobalFiler™ Express PCR Amplification Kit					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	XX	11,11
	21,22			20,22	6,9.3	8,8
	17,18					
Z4HA8Y - 5843	PowerPlex® Fusion 6C					
	12,16	18,25	10,11.3	15,16	12,12	
2	8,11	13,13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	XX	11,11
	21,22	12,13	12,17	20,22	6,9.3	8,8
	17,18					
ZBE2FT - 5843	PowerPlex® Fusion 5C					
	12,16	18,25	10,11.3	15,16	12	
2	8,11	13	13,16	17,21	8,12	11,12
	15,20	14,15	29,31	11,15	X	11
	21,22	12,13	12,17		6,9.3	8
	17,18					

TABLE 1

<b>WebCode-Test Amplification Kits (Probablistic 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

ZRMV93 - 5843		GlobalFiler™				
		12,16	18,25	10,11.3	15,16	12
2		8,11	13	13,16	17,21	8,12 11,12
		15,20	14,15	29,31	11,15	X 11
		21,22			20,22	6,9.3 8
		17,18				



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

24VX9Q - 5843	PowerPlex® Fusion 5C					
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22	13,13	7,13		6,7	8,12
	14,15	11				
2ET2BY - 5843	PowerPlex® Fusion					
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22	13	7,13		6,7	8,12
	14,15	11				
2FQC72 - 5845	GlobalFiler™, GlobalFiler Express					
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
2HRC8Y - 5843	PowerPlex® Fusion					
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22	13	7,13		6,7	8,12
	14,15	11				
2TCTTE - 5845	PowerPlex® Fusion 5C					
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22	13	7,13		6,7	8,12
	14,15	11				
2U3Y3C - 5844	GlobalFiler™ Express					
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
2U7ENQ - 5843	PowerPlex® Fusion 5C					
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22	13,13	7,13		6,7	8,12
	14,15	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

3NA7M3 - 5844	GlobalFiler™ Express PCR Amplification Kit, Globalfiler PCR Amplification Kit					
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
42VTDF - 5844	GlobalFiler™ Express, GlobalFiler					
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
4APY8G - 5844	GlobalFiler™ Express					
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
4B797A - 5843	PowerPlex® Fusion 6C					
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22	13	7,13	15,22	6,7	8,12
	14,15	11	18	17		
4ELQ8R - 5844	PowerPlex® Fusion 5C					
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22	13	7,13		6,7	8,12
	14,15	11				
4QTLHG - 5844	GlobalFiler™					
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
4UA6BX - 5844	GlobalFiler™ Express PCR Amplification kit					
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	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

4URWL4 - 5844	GlobalFiler™ Express PCR Amplification Kit					
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
4Z4N4G - 5845	GlobalFiler™					
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
6A6PLJ - 5844	GlobalFiler™ Express, GlobalFiler					
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
6CNWVE - 5844	GlobalFiler™ Express					
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
6ZKG2W - 5843	GlobalFiler™					
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
72HFFU - 5844	GlobalFiler™ Express					
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11				
72QY2D - 5843	PowerPlex® 5C					
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22	13,13	7,13		6,7	8,12
	14,15	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

7KFKC4 - 5843	GlobalFiler™					
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
7Q9H8L - 5843	PowerPlex® Fusion 5C					
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22	13,13	7,13		6,7	8,12
	14,15	11				
823F8Q - 5843	PowerPlex® Fusion 6C					
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22	13,13	7,13	15,22	6,7	8,12
	14,15	11	18	17		
83D8EL - 5844	GlobalFiler™					
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
83ZQ6E - 5845	GlobalFiler™ Express					
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
864FFA - 5844	GlobalFiler™ Express					
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
8DBYUZ - 5844	GlobalFiler™ Express PCR Amplification Kit					
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	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

8DYBLL - 5843	GlobalFiler™					
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
8JKEDN - 5844	PowerPlex® Fusion 5C					
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22	13	7,13		6,7	8,12
	14,15	11				
9ABBQX - 5843	PowerPlex® ESX17 System, CS7 System, Fusion System, GlobalFiler™					
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22	13,13	7,13	15,22	6,7	8,12
	14,15	11			2	
9H4HCN - 5843	PowerPlex® Fusion, GlobalFiler™ PCR Amplification kit, PowerPlex® ESX, PowerPlex® CS7					
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22	13,13	7,13	15,22	6,7	8,12
	14,15	11			2	
9HMKZC - 5844	GlobalFiler™					
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
9HPZLP - 5844	GlobalFiler™ Express					
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
9Q44CN - 5844	PowerPlex® Fusion 5C					
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22	13	7,13		6,7	8,12
	14,15	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

AB2RGP - 5843 PowerPlex® Fusion						
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22	13	7,13		6,7	8,12
	14,15	11				
AFVTGJ - 5843 PowerPlex® Fusion 5C						
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22	13,13	7,13		6,7	8,12
	14,15	11				
AHLVNR - 5843 PowerPlex® Fusion						
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22	13	7,13		6,7	8,12
	14,15	11				
AHLX86 - 5843 GlobalFiler™ Express						
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
AKBWUF - 5845 Investigator® 24plex GO!						
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11				
AZERPU - 5844 GlobalFiler™ Express PCR Amplification Kit						
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
AZPA32 - 5843 GlobalFiler™						
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	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

B3JN2A - 5843 Investigator® 24plex GO!						
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11				
B3PXXG - 5843 PowerPlex® Fusion 5C						
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22	13,13	7,13		6,7	8,12
	14,15	11				
BNMHN7 - 5844 GlobalFiler™ Express						
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
C2998A - 5843 Investigator® 24plex GO!						
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11				
C3YDG9 - 5844 GlobalFiler™ Express						
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
CZG88D - 5844 GlobalFiler™ Express						
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
D3XTD6 - 5845 GlobalFiler™ Express						
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	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

D896A7 - 5845 GlobalFiler™ Express						
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
DDVWFE - 5845 GlobalFiler™ Express						
	11,15.3	17,19	10,11	15,16	11,11	Not Tested
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22	Not Tested	Not Tested	15,22	6,7	8,12
	14,15	11	Not Tested	Not Tested	2	
DGU9BD - 5845 GlobalFiler™ Express						
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
DMKCC2 - 5845 PowerPlex® 5C						
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22	13	7,13		6,7	8,12
	14,15	11				
DNCQMZ - 5844 GlobalFiler™ Express						
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
DQZ46J - 5845 PowerPlex® Fusion, PowerPlex® ESX 17						
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22	13,13	7,13	15,22	6,7	8,12
	14,15	11				
EMZ4WY - 5843 PowerPlex® Fusion 6C						
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22	13,13	7,13	15,22	6,7	8,12
	14,15	11	18	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

EVBGVH - 5844 PowerPlex® Fusion 5C						
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22	13	7,13		6,7	8,12
	14,15	11				
F3CVJ6 - 5845 PowerPlex® Fusion 6C						
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22	13,13	7,13	15,22	6,7	8,12
	14,15	11	18	17		
F4K6AG - 5844 PowerPlex® 5C						
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22	13	7,13		6,7	8,12
	14,15	11				
F4L8TT - 5843 PowerPlex® Fusion						
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22	13,13	7,13		6,7	8,12
	14,15	11				
F9YPAB - 5843 PowerPlex® 5C						
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22	13,13	7,13		6,7	8,12
	14,15	11				
FE6LVV - 5843 NGM SElect						
	11,15.3	17,19	10,11	15,16		
3		13,14	16,16	18,23		9,13
	10,18	14,14	27,33.2	11,15	X,Y	
	21,22			15,22	6,7	
	14,15					
FN7XZC - 5843 GlobalFiler™ Express						
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	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

FTLGA8 - 5845 GlobalFiler™ Express						
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
FZJ7RW - 5843						
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22	13	7,13	15,22	6,7	8,12
	14,15	11	18	17		
FZZEND - 5844 GlobalFiler™ Express						
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11				
G4BNEM - 5844 GlobalFiler™ PCR Amplification Kit						
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
GMQ22B - 5843 PowerPlex® Fusion 5C						
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22	13,13	7,13		6,7	8,12
	14,15	11				
GQPC4D - 5843 GlobalFiler™ Express						
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11				
GZCDJM - 5844 GlobalFiler™ Express PCR Amplification Kit						
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	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

H8T9YG - 5843 PowerPlex® Fusion (M-FISys 11.09)

	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22	13,13	7,13		6,7	8,12
	14,15	11				

HCLDKY - 5843 GlobalFiler™ Express

	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	

HEFZFB - 5843 PowerPlex® Fusion 5C

	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22	13,13	7,13		6,7	8,12
	14,15	11				

HFCD8A - 5843 PowerPlex® Fusion 5C

	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22	13,13	7,13		6,7	8,12
	14,15	11				

HLFGT2 - 5843

	11,15.3	17,19		15,16	11,11	11,13
3	9,12	13,14		18,23	8,14	9,13
	10,18	14,14	27,33.2		X,Y	10,11
	21,22	13,13	7,13		6,7	8,12
	14,15					

HMMXTR - 5845 SURE ID 21G Plus

	11,15.3	17,19		15,16	11,11	11,13
3	9,12	13,14		18,23	8,14	9,13
	10,18	14,14	27,33.2		X,Y	10,11
	21,22	13,13	7,13		6,7	8,12
	14,15					

HURLZZ - 5845 GlobalFiler™ Express

	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	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

HVG3LT - 5844	Identifiler® Direct					
		17,19		15,16	11,11	
3	9,12	13,14			8,14	9,13
	10,18	14,14	27,33.2		X,Y	10,11
	21,22				6,7	8,12
	14,15					
HWQ8ZH - 5843	GlobalFiler™ Express					
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11				
J9JU7D - 5845	PowerPlex® Fusion 5C					
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22	13	7,13		6,7	8,12
	14,15	11				
J9KMXJ - 5845	GlobalFiler™ Express					
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
J9LPGW - 5845	GlobalFiler™ Express					
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
JKCBVE - 5845	PowerPlex® ESX 17, Fusion, CS7, GlobalFiler™, Verifiler Plus					
	11,15.3	17,19	10,11	15,16	11	11,13
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22	13	7,13	15,22	6,7	8,12
	14,15	11	18	17	2	
JMPNU9 - 5843	PowerPlex® Fusion 5C					
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22	13,13	7,13		6,7	8,12
	14,15	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

JYYLHA - 5843 PowerPlex® Fusion 6C						
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22	13	7,13	15,22	6,7	8,12
	14,15	11	18	17		
KU28L8 - 5844 NGM SElect (GeneMapper ID-X version 1.1)						
	11,15.3	17,19	10,11	15,16		
3		13,14	16,16	18,23		9,13
	10,18	14,14	27,33.2	11,15	X,Y	
	21,22			15,22	6,7	
	14,15					
KUW2UB - 5845 PowerPlex® Fusion 5C						
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22	13	7,13		6,7	8,12
	14,15	11				
KVC997 - 5843 DNATyper19						
		17,19		15,16	11	11,13
3	9,12	13,14		18,23	8,14	9,13
	10,18	14	27,33.2		X,Y	10,11
	21,22		7,13		6,7	8,12
	14,15					
L47R9Z - 5845 PowerPlex® F6C						
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22	13	7,13	15,22	6,7	8,12
	14,15	11	18	17		
L7BJZD - 5843 PowerPlex® Fusion						
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22	13	7,13		6,7	8,12
	14,15	11				
LFU3CW - 5845 GlobalFiler™ Express						
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	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

LMEYG8 - 5843	PowerPlex® Fusion 5C					
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22	13,13	7,13		6,7	8,12
	14,15	11				
LYR4N4 - 5845	PowerPlex® Fusion 5C					
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22	13	7,13		6,7	8,12
	14,15	11				
LZGCPR - 5844	GlobalFiler™ Express					
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
M36GP3 - 5843	Investigator® 24plex GO!					
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11				
M3KKD3 - 5843	PowerPlex® Fusion 5C					
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22	13,13	7,13		6,7	8,12
	14,15	11				
M7JXY7 - 5845	GlobalFiler™ Express					
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
M9A7ZV - 5844	GlobalFiler™					
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	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

MCTAZD - 5845 GlobalFiler™, GlobalFiler Express

	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	

MGHMQF - 5844 GlobalFiler™ Express PCR Amplification Kit, GlobalFiler PCR Amplification Kit

	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	

MHTPCE - 5844 GlobalFiler™ Express PCR Amplification Kit

	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	

MTXLMW - 5845 PowerPlex® Fusion 5C

	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22	13	7,13		6,7	8,12
	14,15	11				

MUPQXV - 5844 GlobalFiler™ Express

	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	

N78EZV - 5843 PowerPlex® Fusion 5C

	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22	13,13	7,13		6,7	8,12
	14,15	11				

N99LWR - 5843 GlobalFiler™ Express

	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	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

NHZVPW - 5845 PowerPlex® Fusion 6C						
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22	13,13	7,13	15,22	6,7	8,12
	14,15	11	18	17		
NQ3EPD - 5843 GlobalFiler™ Express						
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11				
NR3FQ4 - 5843 PowerPlex® Fusion 5C						
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22	13,13	7,13		6,7	8,12
	14,15	11				
NU3PLD - 5844 GlobalFiler™ Express						
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11				
PMME4 - 5845 GlobalFiler™ Express						
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
PP3XQL - 5844 GlobalFiler™ Express PCR Amplification Kit						
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
PPCF4R - 5845 GlobalFiler™ Express						
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	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

QEPN9M - 5844	GlobalFiler™ Express					
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
QNY2H4 - 5843	GlobalFiler™					
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
QP99KW - 5845	GlobalFiler™ Express					
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
QQJB8V - 5845	GlobalFiler™ Express					
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
QVCC9A - 5845	GlobalFiler™ Express, GlobalFiler™					
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
R3MZDV - 5845	PowerPlex® Fusion 6C					
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22	13	7,13	15,22	6,7	8,12
	14,15	11	18	17		
R6D9FK - 5844	GlobalFiler™ Express, GlobalFiler					
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	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

R9DDFJ - 5844	GlobalFiler™					
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
RFPNDC - 5844	GlobalFiler™ Express PCR Amplification Kit, GlobalFiler PCR Amplification Kit					
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
RTMDLY - 5844	GlobalFiler™					
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
TBV24N - 5844	GlobalFiler™ Express					
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
THECBX - 5844	GlobalFiler™ Express					
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11				
TXWQ4X - 5843	PowerPlex® Fusion 5C					
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22	13,13	7,13		6,7	8,12
	14,15	11				
UEE9CN - 5843	PowerPlex® ESI 16 FAST					
	11,15.3	17,19	10,11	15,16		
3		13,14	16,16	18,23		9,13
	10,18	14,14	27,33.2	11,15	X,Y	
	21,22				6,7	
	14,15					

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

UHG646 - 5843 PowerPlex® Fusion 6C						
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22	13,13	7,13	15,22	6,7	8,12
	14,15	11	18	17		
ULELFY - 5843 PowerPlex® Fusion 5C						
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22	13,13	7,13		6,7	8,12
	14,15	11				
UWF7HQ - 5845 GlobalFiler™ Express						
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
WU3DX - 5845 GlobalFiler™ Express						
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
W492TU - 5843 PowerPlex® Fusion 5C						
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22	13,13	7,13		6,7	8,12
	14,15	11				
W8P99G - 5843 PowerPlex® Fusion 6C						
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22	13	7,13	15,22	6,7	8,12
	14,15	11	18	17		
WFKD3H - 5843 PowerPlex® Fusion 6C						
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22	13	7,13	15,22	6,7	8,12
	14,15	11	18	17		

TABLE 1

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

## Item 3 - STR Results

WWAGMT - 5844 GlobalFiler™ Express

	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	

WXE7MF - 5843 PowerPlex® Fusion 6C

	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22	13	7,13	15,22	6,7	8,12
	14,15	11	18	17		

XFFF6R - 5843 PowerPlex® Fusion 5C

	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22	13,13	7,13		6,7	8,12
	14,15	11				

XHK2UD - 5843 GlobalFiler™

	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	

XVDHRQ - 5844 PowerPlex® Fusion 5C

	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22	13	7,13		6,7	8,12
	14,15	11				

YDPJ2J - 5843 GlobalFiler™

	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	

YFUYP - 5844 PowerPlex® Fusion 6C

	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22	13	7,13	15,22	6,7	8,12
	14,15	11	18	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

YG62BN - 5844	PowerPlex® Fusion 6C					
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22	13	7,13	15,22	6,7	8,12
	14,15	11	18	17		
YH43JZ - 5843	PowerPlex® Fusion 6C					
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22	13,13	7,13	15,22	6,7	8,12
	14,15	11	18	17		
YJBHG7 - 5844	GlobalFiler™ Express PCR Amplification Kit					
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
Z28CUG - 5845	GlobalFiler™ Express					
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
Z3WTGB - 5844	GlobalFiler™ Express PCR Amplification Kit					
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22			15,22	6,7	8,12
	14,15	11			2	
Z4HA8Y - 5843	PowerPlex® Fusion 6C					
	11,15.3	17,19	10,11	15,16	11,11	
3	9,12	13,14	16,16	18,23	8,14	9,13
	10,18	14,14	27,33.2	11,15	X,Y	10,11
	21,22	13,13	7,13	15,22	6,7	8,12
	14,15	11	18	17		
ZBE2FT - 5843	PowerPlex® Fusion 5C					
	11,15.3	17,19	10,11	15,16	11	
3	9,12	13,14	16	18,23	8,14	9,13
	10,18	14	27,33.2	11,15	X,Y	10,11
	21,22	13	7,13		6,7	8,12
	14,15	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

ZRMV93 - 5843		GlobalFiler™				
		11,15.3	17,19	10,11	15,16	11
3		9,12	13,14	16	18,23	8,14 9,13
		10,18	14	27,33.2	11,15	X,Y 10,11
		21,22			15,22	6,7 8,12
		14,15	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
<b>Item 1 - YSTR Results</b>									
2TCTE-5845	PowerPlex® Y 23								
1	14	11,14	13	28	24	10	13	13	
	15	12	13	19	15	17		20	
	12	13	16	18		23	10	12	
2U3Y3C-5844	Yfiler®								
1	14	11,14	13	28	24	10	13	13	
	15	12	13	19	15	17			
						23		12	
3NA7M3-5844	Yfiler® Plus PCR Amplification Kit								
1	35,36	14	11,14	13	28	24	10	13	13
	15	12	13	19	28	15	17	11	20
	39	12	16	18	23	23		12	
4B797A-5843	PowerPlex® Y Y23								
1	14	11,14	13	28	24	10	13	13	
	15	12	13	19	15	17		20	
	12	13	16	18		23	10	12	
4UA6BX-5844	Yfiler® Plus PCR Amplification Kit								
1	35,36	14	11,14	13	28	24	10	13	13
	15	12	13	19	28	15	17	11	20
	39	12	16	18	23	23		12	
4URWL4-5844	Yfiler® Plus Amplification kit								
1	35,36	14	11,14	13	28	24	10	13	13
	15	12	13	19	28	15	17	11	20
	39	12	16	18	23	23		12	
6CNWVE-5844	Yfiler®								
1	14	11,14	13	28	24	10	13	13	
	15	12	13	19	15	17			
						23		12	
8DBYUZ-5844	Yfiler® Plus PCR Amplification Kit								
1	35,36	14	11,14	13	28	24	10	13	13
	15	12	13	19	28	15	17	11	20
	39	12	16	18	23	23		12	
8DYBLL-5843	Yfiler® Plus								
1	35,36	14	11,14	13	28	24	10	13	13
	15	12	13	19	28	15	17	11	20
	39	12	16	18	23	23		12	
9ABBQX-5843	PowerPlex® Y 23 System								
1	14	11,14	13	28	24	10	13	13	
	15	12	13	19	15	17		20	
	12	13	16	18		23	10	12	
9H4HCN-5843	PowerPlex® Y 23								
1	14	11,14	13	28	24	10	13	13	
	15	12	13	19	15	17		20	
	12	13	16	18		23	10	12	

TABLE 2

WebCode-Test		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
<b>Item 1 - YSTR Results</b>									
9HPZLP-5844	Yfiler®								
1	14	11,14	13	28	24	10	13	13	
	15	12	13	19	15	17			
						23			12
AB2RGP-5843	Yfiler®								
1	14	11,14	13	28	24	10	13	13	
	15	12	13	19	15	17			
						23			12
AHLVNR-5843	Yfiler®								
1	14	11,14	13	28	24	10	13	13	
	15	12	13	19	15	17			
						23			12
AHLX86-5843	Yfiler® Plus								
1	35,36	14	11,14	13	28	24	10	13	13
	15	12	13	19	28	15	17	11	20
	39	12		16	18	23	23		12
AZERPU-5844	Yfiler® Plus								
1	35,36	14	11,14	13	28	24	10	13	13
	15	12	13	19	28	15	17	11	20
	39	12		16	18	23	23		12
B3PXXG-5843	PowerPlex® Y 23								
1	14	11,14	13	28	24	10	13	13	
	15	12	13	19	15	17			20
		12	13	16	18	23	10		12
D3XTD6-5845	PowerPlex® Y 23								
1	14	11,14	13	28	24	10	13	13	
	15	12	13	19	15	17			20
		12	13	16	18	23	10		12
DMKKC2-5845	PowerPlex® Y 23								
1	14	11,14	13	28	24	10	13	13	
	15	12	13	19	15	17			20
		12	13	16	18	23	10		12
DQZ46J-5845	PowerPlex® Y 23								
1	14	11,14	13	28	24	10	13	13	
	15	12	13	19	15	17			20
		12	13	16	18	23	10		12
FE6LVV-5843	PowerPlex® Y Y23								
1	14	11,14	13	28	24	10	13	13	
	15	12	13	19	15	17			20
		12	13	16	18	23	10		12
FTLGA8-5845	Yfiler® Plus								
1	35,36	14	11,14	13	28	24	10	13	13
	15	12	13	19	28	15	17	11	20
	39	12		16	18	23	23		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>									
FZJ7RW-5843	PowerPlex® Y 23								
1	14	11,14	13	28	24	10	13	13	
	15	12	13	19	15	17		20	
	12	13	16	18		23	10	12	
G4BNEM-5844	Yfiler® Plus PCR Amplification Kit								
1	35,36	14	11,14	13	28	24	10	13	13
	15	12	13	19	28	15	17	11	20
	39	12	16	18	23	23		12	
GZCDJM-5844	Yfiler® Plus								
1	35,36	14	11,14	13	28	24	10	13	13
	15	12	13	19	28	15	17	11	20
	39	12	16	18	23	23		12	
HCLDKY-5843	Yfiler® Plus								
1	35,36	14	11,14	13	28	24	10	13	13
	15	12	13	19	28	15	17	11	20
	39	12	16	18	23	23		12	
HMMXTR-5845	Yfiler®								
1	14	11,14	13	28	24	10	13	13	
	15	12	13	19	15	17			
						23		12	
HURLZZ-5845	PowerPlex® Y Y23								
1	14	11,14	13	28	24	10	13	13	
	15	12	13	19	15	17		20	
	12	13	16	18		23	10	12	
J9JU7D-5845	Yfiler®, PowerPlex® Fusion 5C								
1	14	11,14	13	28	24	10	13	13	
	15	12	13	19	15	17			
						23		12	
J9LPGW-5845	PowerPlex® Y 23								
1	14	11,14	13	28	24	10	13	13	
	15	12	13	19	15	17		20	
	12	13	16	18		23	10	12	
JKCBVE-5845	Yfiler® Plus, PowerPlex® Y 23								
1	35,36	14	11,14	13	28	24	10	13	13
	15	12	13	19	28	15	17	11	20
	39	12	13	16	18	23	23	10	12
JMPNU9-5843	PowerPlex® Y 23								
1	14	11,14	13	28	24	10	13	13	
	15	12	13	19	15	17		20	
	12	13	16	18		23	10	12	
KUW2UB-5845	Yfiler®								
1	14	11,14	13	28	24	10	13	13	
	15	12	13	19	15	17			
						23		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>									
KVC997-5843	DNATyper Y29								
1	35,36	14	11,14	13	28	24	10	13	13
	15	12	13	19	28	15	17	11	20
	39	12			18		23	10	12
LFU3CW-5845	PowerPlex® Y 23								
1		14	11,14	13	28	24	10	13	13
	15	12	13	19		15	17		20
		12	13	16	18		23	10	12
MGHMQF-5844	Yfiler® Plus								
1	35,36	14	11,14	13	28	24	10	13	13
	15	12	13	19	28	15	17	11	20
	39	12		16	18	23	23		12
MHTPCE-5844	Yfiler® Plus PCR Amplification Kit								
1	35,36	14	11,14	13	28	24	10	13	13
	15	12	13	19	28	15	17	11	20
	39	12		16	18	23	23		12
N99LWR-5843	Yfiler® Plus								
1	35,36	14	11,14	13	28	24	10	13	13
	15	12	13	19	28	15	17	11	20
	39	12		16	18	23	23		12
PP3XQL-5844	Yfiler® Plus								
1	35,36	14	11,14	13	28	24	10	13	13
	15	12	13	19	28	15	17	11	20
	39	12		16	18	23	23		12
PPCF4R-5845	PowerPlex® Y 23								
1		14	11,14	13	28	24	10	13	13
	15	12	13	19		15	17		20
		12	13	16	18		23	10	12
QEPN9M-5844	Yfiler®								
1		14	11,14	13	28	24	10	13	13
	15	12	13	19		15	17		20
							23		12
R3MZDV-5845	PowerPlex® Y 23								
1		14	11,14	13	28	24	10	13	13
	15	12	13	19		15	17		20
		12	13	16	18		23	10	12
R9DDFJ-5844	Yfiler®								
1		14	11,14	13	28	24	10	13	13
	15	12	13	19		15	17		20
							23		12
RFPNDC-5844	Yfiler® Plus								
1	35,36	14	11,14	13	28	24	10	13	13
	15	12	13	19	28	15	17	11	20
	39	12		16	18	23	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>									
RTMDLY-5844 Yfiler® Plus									
1	35,36	14	11,14	13	28	24	10	13	13
	15	12	13	19	28	15	17	11	20
	39	12		16	18	23	23		12
TBV24N-5844 Yfiler®									
1		14	11,14	13	28	24	10	13	13
	15	12	13	19		15	17		
							23		12
UEE9CN-5843 Yfiler® Plus									
1	35,36	14	11,14	13	28	24	10	13	13
	15	12	13	19	28	15	17	11	20
	39	12		16	18	23	23		12
W8P99G-5843 PowerPlex® Y 23									
1		14	11,14	13	28	24	10	13	13
	15	12	13	19		15	17		20
		12	13	16	18		23	10	12
WFKD3H-5843 PowerPlex® Y 23									
1		14	11,14	13	28	24	10	13	13
	15	12	13	19		15	17		20
		12	13	16	18		23	10	12
WXE7MF-5843 PowerPlex® Y 23									
1		14	11,14	13	28	24	10	13	13
	15	12	13	19		15	17		20
		12	13	16	18		23	10	12
YFUYP-5844 Yfiler® Plus									
1	35,36	14	11,14	13	28	24	10	13	13
	15	12	13	19	28	15	17	11	20
	39	12		16	18	23	23		12
YJBHG7-5844 Yfiler® Plus									
1	35,36	14	11,14	13	28	24	10	13	13
	15	12	13	19	28	15	17	11	20
	39	12		16	18	23	23		12
Z28CUG-5845 PowerPlex® Y Y23									
1		14	11,14	13	28	24	10	13	13
	15	12	13	19		15	17		20
		12	13	16	18		23	10	12
Z3WTGB-5844 Yfiler® Plus PCR Amplification Kit									
1	35,36	14	11,14	13	28	24	10	13	13
	15	12	13	19	28	15	17	11	20
	39	12		16	18	23	23		12

TABLE 2

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

Item 2 - YSTR Results

2U3Y3C-5844	Yfiler®	[Redacted]								
2		[Redacted]								
6CNWVE-5844	Yfiler®	[Redacted]								
2		[Redacted]								
9HPZLP-5844	Yfiler®	[Redacted]								
2		[Redacted]								
B3PXXG-5843	PowerPlex® Y 23	[Redacted]								
2		[Redacted]								
D3XTD6-5845	PowerPlex® Y 23	[Redacted]								
2		[Redacted]								
HURLZZ-5845	PowerPlex® Y Y23	[Redacted]						N/A	[Redacted]	
2		[Redacted]						N/A	[Redacted]	
J9JU7D-5845	Yfiler®, PowerPlex® Fusion 5C	NR	NR, NR	NR	NR	NR	NR	NR	NR	
2		NR	NR	NR	NR	NR	NR	NR	NR	
		NR	NR	NR	NR	NR	NR	NR	NR	
							NR		NR	
J9LPGW-5845	PowerPlex® Y 23	[Redacted]								
2		[Redacted]								
JMPNU9-5843	PowerPlex® Y 23	[Redacted]								
2		[Redacted]								
KUW2UB-5845	Yfiler®	NR	NR, NR	NR	NR	NR	NR	NR	NR	
2		NR	NR	NR	NR	NR	NR	NR	NR	
		NR	NR	NR	NR	NR	NR	NR	NR	
							NR		NR	
LFU3CW-5845	PowerPlex® Y 23	[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

PPCF4R-5845 PowerPlex® Y 23

2



QEPN9M-5844 Yfiler®

2



TBV24N-5844 Yfiler®

2



Z28CUG-5845 PowerPlex® Y Y23

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>									
2TCTE-5845	PowerPlex® Y 23								
3	14	11,15	13	29	24	11	13	13	
	15	12	10	19	15	20		22	
	12	13	18	17		23	10	11	
2U3Y3C-5844	Yfiler®								
3	14	11,15	13	29	24	11	13	13	
	15	12	10	19	15	20		22	
						23		11	
3NA7M3-5844	Yfiler® Plus PCR Amplification Kit								
3	35,38	14	11,15	13	29	24	11	13	13
	15	12	10	19	30	15	20	10	22
	38	12		18	17	23	23		11
4B797A-5843	PowerPlex® Y Y23								
3	14	11,15	13	29	24	11	13	13	
	15	12	10	19	15	20		22	
	12	13	18	17		23	10	11	
4UA6BX-5844	Yfiler® Plus PCR Amplification Kit								
3	35,38	14	11,15	13	29	24	11	13	13
	15	12	10	19	30	15	20	10	22
	38	12		18	17	23	23		11
4URWL4-5844	Yfiler® Plus								
3	35,38	14	11,15	13	29	24	11	13	13
	15	12	10	19	30	15	20	10	22
	38	12		18	17	23	23		11
6CNWVE-5844	Yfiler®								
3	14	11,15	13	29	24	11	13	13	
	15	12	10	19	15	20		22	
						23		11	
8DBYUZ-5844	Yfiler® Plus PCR Amplification Kit								
3	35,38	14	11,15	13	29	24	11	13	13
	15	12	10	19	30	15	20	10	22
	38	12		18	17	23	23		11
8DYBLL-5843	Yfiler® Plus								
3	35,38	14	11,15	13	29	24	11	13	13
	15	12	10	19	30	15	20	10	22
	38	12		18	17	23	23		11
9ABBQX-5843	PowerPlex® Y 23 System								
3	14	11,15	13	29	24	11	13	13	
	15	12	10	19	15	20		22	
	12	13	18	17		23	10	11	
9H4HCN-5843	Yfiler®, PowerPlex® Y 23								
3	14	11,15	13	29	24	11	13	13	
	15	12	10	19	15	20		22	
	12	13	18	17		23	10	11	

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 3 - YSTR Results</b>									
9HPZLP-5844	Yfiler®								
3	14	11,15	13	29	24	11	13	13	
	15	12	10	19	15	20			
						23			11
AB2RGP-5843	Yfiler®								
3	14	11,15	13	29	24	11	13	13	
	15	12	10	19	15	20			
						23			11
AHLVNR-5843	Yfiler®								
3	14	11,15	13	29	24	11	13	13	
	15	12	10	19	15	20			
						23			11
AHLX86-5843	Yfiler® Plus								
3	35,38	14	11,15	13	29	24	11	13	13
	15	12	10	19	30	15	20	10	22
	38	12		18	17	23	23		11
AZERPU-5844	Yfiler® Plus								
3	35,38	14	11,15	13	29	24	11	13	13
	15	12	10	19	30	15	20	10	22
	38	12		18	17	23	23		11
B3PXXG-5843	PowerPlex® Y 23								
3	14	11,15	13	29	24	11	13	13	
	15	12	10	19	15	20			22
		12	13	18	17	23	10		11
D3XTD6-5845	PowerPlex® Y 23								
3	14	11,15	13	29	24	11	13	13	
	15	12	10	19	15	20			22
		12	13	18	17	23	10		11
DMKKC2-5845	PowerPlex® Y 23								
3	14	11,15	13	29	24	11	13	13	
	15	12	10	19	15	20			22
		12	13	18	17	23	10		11
DQZ46J-5845	PowerPlex® Y Y23								
3	14	11,15	13	29	24	11	13	13	
	15	12	10	19	15	20			22
		12	13	18	17	23	10		11
FE6LVV-5843	PowerPlex® Y Y23								
3	14	11,15	13	29	24	11	13	13	
	15	12	10	19	15	20			22
		12	13	18	17	23	10		11
FTLGA8-5845	Yfiler® Plus								
3	35,38	14	11,15	13	29	24	11	13	13
	15	12	10	19	30	15	20	10	22
	38	12		18	17	23	23		11

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 3 - YSTR Results</b>									
FZJ7RW-5843	PowerPlex® Y 23								
3	14	11,15	13	29	24	11	13	13	
	15	12	10	19	15	20		22	
	12	13	18	17		23	10	11	
G4BNEM-5844	Yfiler® Plus PCR Amplification Kit								
3	35,38	14	11,15	13	29	24	11	13	13
	15	12	10	19	30	15	20	10	22
	38	12		18	17	23	23		11
GZCDJM-5844	Yfiler® Plus								
3	14	11,15	13	29	24	11	13		
	15	12	19	30	15	20	10		
	38		18	17	23	23			11
HCLDKY-5843	Yfiler® Plus								
3	35,38	14	11,15	13	29	24	11	13	13
	15	12	10	19	30	15	20	10	22
	38	12		18	17	23	23		11
HMMXTR-5845	Yfiler®								
3	14	11,15	13	29	24	11	13	13	
	15	12	10	19	15	20			
						23			11
HURLZZ-5845	PowerPlex® Y Y23								
3	14	11,15	13	29	24	11	13	13	
	15	12	10	19	15	20		22	
	12	13	18	17		23	10	11	
J9JU7D-5845	Yfiler®, PowerPlex® Fusion 5C								
3	14	11,15	13	29	24	11	13	13	
	15	12	10	19	15	20			
						23			11
J9LPGW-5845	PowerPlex® Y 23								
3	14	11,15	13	29	24	11	13	13	
	15	12	10	19	15	20		22	
	12	13	18	17		23	10	11	
JKCBVE-5845	Yfiler® Plus, PowerPlex® Y 23								
3	35,38	14	11,15	13	29	24	11	13	13
	15	12	10	19	30	15	20	10	22
	38	12	13	18	17	23	23	10	11
JMPNU9-5843	PowerPlex® Y 23								
3	14	11,15	13	29	24	11	13	13	
	15	12	10	19	15	20		22	
	12	13	18	17		23	10	11	
KUW2UB-5845	Yfiler®								
3	14	11,15	13	29	24	11	13	13	
	15	12	10	19	15	20			
						23			11



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 3 - YSTR Results</b>									
KVC997-5843	DNATyper Y29								
3	35,38	14	11,15	13	29	24	11	13	13
	15	12	10	19	30	15	20	10	22
	38	12			17		23	10	11
LFU3CW-5845	PowerPlex® Y 23								
3		14	11,15	13	29	24	11	13	13
	15	12	10	19		15	20		22
		12	13	18	17		23	10	11
MGHMQF-5844	Yfiler® Plus								
3	35,38	14	11,15	13	29	24	11	13	13
	15	12	10	19	30	15	20	10	22
	38	12		18	17	23	23		11
MHTPCE-5844	Yfiler® Plus PCR Amplification Kit								
3	35,38	14	11,15	13	29	24	11	13	13
	15	12	10	19	30	15	20	10	22
	38	12		18	17	23	23		11
N99LWR-5843	Yfiler® Plus								
3	35,38	14	11,15	13	29	24	11	13	13
	15	12	10	19	30	15	20	10	22
	38	12		18	17	23	23		11
PP3XQL-5844	Yfiler® Plus								
3	35,38	14	11,15	13	29	24	11	13	13
	15	12	10	19	30	15	20	10	22
	38	12		18	17	23	23		11
PPCF4R-5845	PowerPlex® Y 23								
3		14	11,15	13	29	24	11	13	13
	15	12	10	19		15	20		22
		12	13	18	17		23	10	11
QEPN9M-5844	Yfiler®								
3		14	11,15	13	29	24	11	13	13
	15	12	10	19		15	20		22
							23		11
R3MZDV-5845	PowerPlex® Y 23								
3		14	11,15	13	29	24	11	13	13
	15	12	10	19		15	20		22
		12	13	18	17		23	10	11
R9DDFJ-5844	Yfiler®								
3		14	11,15	13	29	24	11	13	13
	15	12	10	19		15	20		22
							23		11
RFPNDC-5844	Yfiler® Plus								
3	35,38	14	11,15	13	29	24	11	13	13
	15	12	10	19	30	15	20	10	22
	38	12		18	17	23	23		11

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 3 - YSTR Results</b>									
RTMDLY-5844	Yfiler® Plus								
3	35,38	14	11,15	13	29	24	11	13	13
	15	12	10	19	30	15	20	10	22
	38	12		18	17	23	23		11
TBV24N-5844	Yfiler®								
3		14	11,15	13	29	24	11	13	13
	15	12	10	19		15	20		
							23		11
UEE9CN-5843	Yfiler® Plus								
3	35,38	14	11,15	13	29	24	11	13	13
	15	12	10	19	30	15	20	10	22
	38	12		18	17	23	23		11
W8P99G-5843	PowerPlex® Y Y23								
3		14	11,15	13	29	24	11	13	13
	15	12	10	19		15	20		22
		12	13	18	17		23	10	11
WFKD3H-5843	PowerPlex® Y 23								
3		14	11,15	13	29	24	11	13	13
	15	12	10	19		15	20		22
		12	13	18	17		23	10	11
WXE7MF-5843	PowerPlex® Y Y23								
3		14	11,15	13	29	24	11	13	13
	15	12	10	19		15	20		22
		12	13	18	17		23	10	11
YFUYP-5844	Yfiler® Plus								
3	35,38	14	11,15	13	29	24	11	13	13
	15	12	10	19	30	15	20	10	22
	38	12		18	17	23	23		11
YJBHG7-5844	Yfiler® Plus								
3	35,38	14	11,15	13	29	24	11	13	13
	15	12	10	19	30	15	20	10	22
	38	12		18	17	23	23		11
Z28CUG-5845	PowerPlex® Y Y23								
3		14	11,15	13	29	24	11	13	13
	15	12	10	19		15	20		22
		12	13	18	17		23	10	11
Z3WTGB-5844	Yfiler® Plus PCR Amplification Kit								
3	35,38	14	11,15	13	29	24	11	13	13
	15	12	10	19	30	15	20	10	22
	38	12		18	17	23	23		11

## Additional DNA Results

TABLE 3

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

Locus	WebCode-Test	Item 1	Item 2	Item 3
DYS444	KVC997-5843	13		12
DYS447	KVC997-5843	25		25
DYS508	KVC997-5843	11		11
F13A01	9ABBQX-5843	7,13	6,7	3,2,6
	9H4HCN-5843	7,13	6,7	3,2,6
	JKCBVE-5845	7,13	6,7	3,2,6
F13B	9ABBQX-5843	9,10	6,7	9,10
	9H4HCN-5843	9,10	6,7	9,10
	JKCBVE-5845	9,10	6,7	9,10
FESFPS	9ABBQX-5843	10,3,11	10,10	10,10
	9H4HCN-5843	11,11	10,10	10,10
	JKCBVE-5845	11	10	10
LPL	9ABBQX-5843	11,12	10,12	9,10
	9H4HCN-5843	11,12	10,12	9,10
	JKCBVE-5845	11,12	10,12	9,10
PENTA C	9ABBQX-5843	9,11	12,13	11,13
	9H4HCN-5843	9,11	12,13	11,13
	JKCBVE-5845	9,11	12,13	11,13

# Additional Comments

## TABLE 4

WebCode-Test	Additional Comments
24VX9Q-5843	NR = No Results
2TCTTE-5845	Samples labeled Item 1, Item 2, and Item 3 were tested and charted using the PCR-based Promega PowerPlex Fusion 5C System. Samples labeled Items 1 and 3 were tested and charted using the PCR-based Promega PowerPlex Y23 System. All evidence will be retained at [Laboratory] until the proficiency results are confirmed, at which point the evidence will be discarded.
4B797A-5843	Samples were run with manual IQ extraction, as well as with punch solution and direct amplification.
72HFFU-5844	Y Indel is not analyzed by [Laboratory] per validation of expert system
D896A7-5845	Item 2 was run a second time using GlobalFiler reagents with 100% concordance.
DGU9BD-5845	--- = Possible Additional Alleles
DMKCC2-5845	Items 1-3 were tested and charted using the PCR-based Promega Powerplex Fusion 5C System. Items 1 and 3 were tested and charted using the PCR-based Promega Y23 System. All evidence will be retained at [Laboratory] until the proficiency results are confirmed, at which point the evidence will be discarded.
F3CVJ6-5845	Testing completed utilizing robotic analytical methods.
FN7XZC-5843	Y indel is not analyzed by the database laboratory; therefore, no Y indel results are reported.
FZZEND-5844	The Y Indel is not analyzed by the database laboratory; therefore, no Y Indel results are reported.
GQPC4D-5843	The Y indel is not analyzed by the database laboratory; therefore, no Y indel results are reported.
H8T9YG-5843	The laboratory does not perform Y-STR analysis on database samples, beyond those loci included in PowerPlex Fusion Kit.
HFCD8A-5843	NR = No Results
HVG3LT-5844	Our Criminal DNA Database laboratory perform DNA analyses on STR only.
HWQ8ZH-5843	Per validation, Y-indel range filter turned off, therefore will not be interpreted.
J9JU7D-5845	Fusion/Yfiler testing was performed on Items 1-3. Results were concordant at DYS391 for all tested items. NR = No results obtained
KUW2UB-5845	Fusion/Yfiler was performed on items 1, 2, and 3. Results were concordant at DYS391.
L47R9Z-5845	Samples were processed by both Direct Amplification and DNA IQ purification. Results were concordant at all loci tested. NR = No Result
NQ3EPD-5843	The [Laboratory] does not utilize the Y-indel during analysis.
NU3PLD-5844	Y-indel not analyzed by lab per validation.
R3MZDV-5845	Samples labeled Item 1, Item 2, and Item 3 were tested and charted using the PCR-based Promega PowerPlex Fusion 6C System. Samples labeled Item 1 and Item 3 were tested and charted using the PCR-based Promega PowerPlex Y23 System. All evidence will be retained at [Laboratory] until the proficiency results are confirmed, at which point the evidence will be discarded.
R9DDFJ-5844	YSTR analysis was not performed on Item 2 due to no male DNA being detected utilizing Quantifiler Trio.
RTMDLY-5844	Since Item 3 is a known female individual, YSTR DNA analysis was not performed.
THECBX-5844	The Y indel is not analyzed by the Database Laboratory. Therefore, no Y indel results are reported.
YFUYP-5844	NR = NO RESULTS

### TABLE 4

<b>WebCode-Test</b>	<b>Additional Comments</b>
YG62BN-5844	NR = No Results

-End of Report-  
(Appendix may follow)

Collaborative Testing Services ~ Forensic Testing Program

**Test No. 19-5843: DNA Database - Saliva**

DATA MUST BE SUBMITTED BY **Sept. 23, 2019, 11:59 p.m.** TO BE INCLUDED IN THE REPORT

Participant Code: U1234D

WebCode: 2XL4PE

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

**Scenario:**

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

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

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

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











## Part II: ADDITIONAL COMMENTS

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

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

## RELEASE OF DATA TO ACCREDITATION BODIES

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

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

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

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

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

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

A2LA Certificate No.

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

Authorized Contact Person and Title

Laboratory Name

Location (City/State)