



## **DNA Database - Saliva Test No. 21-5840/1/2 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 191 participants and are compiled into the following tables:

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

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

## **Manufacturer's Information**

Each sample set consisted of a collection of known buccal cells from three individuals (Items 1-3), provided on either FTA™ Indicating Micro Cards, Bode Buccal DNA Collectors™, or 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 FTA™ Indicating Micro Cards were spotted with 120 µl of the cell suspension, the Bode Buccal DNA Collectors™ were spotted with 200 µl of the cell suspension, and the Puritan® Cap-Shure® swabs were spotted with 125 µl of the cell suspension. Items 1 and 3 were created using two different female donors and Item 2 was created using a male donor. The Items were prepared at separate times and were packaged once they were thoroughly dried. Completed sample sets were stored at -20°C until shipment on February 1, 2021.

SAMPLE SET ASSEMBLY: Each item was packed into a pre-labeled item envelope. For each sample set, Items 1, 2, and 3 of the same substrate type were placed 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.

### **Key to Test Substrates**

5840 - FTA™ Indicating Micro Cards

5841 - Bode Buccal DNA Collectors™

5842 - Puritan® Cap-Shure® Swabs

## Manufacturer's Information, continued

### Amelogenin and STR Results

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

Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
1	14,15.3	17,21	11,11	16,17	8,12	*
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25	12,14	10,10	19,28.2	6,9.3	8,11
	14,15	NM	NM	NM	NM	
2	15,18.3	16,17	11,14	16,16	11,13	*
	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15	18,28.2	9.3,9.3	8,11
	16,17	11	17	17	2	
3	16,16	18,27	11,14	16,16	11,12	*
	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24	9,12	13,19	29.2,32.2	6,9	8,10
	18,19	NM	NM	NM	NM	

### YSTR Results

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

Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
2	36,37	15	11,15	13	29	25	11	13	13
	15	12	11	19	29	15	16	11	21
	35	12	13	17	17	23	24	10	12

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

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

## **Summary Comments**

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

Of the STR results returned, three participants reported results that differed from the consensus/predistribution testing results. Two participants reported allelic results that differed from the consensus at one or more loci. One participant reported an additional allele at a single locus. This participant mentioned in their additional comments that elevated stutter or an extra peak was confirmed at this locus. Two other participants also mentioned in their additional comments that a high stutter peak "28" was found in Item 3 at the same locus, D18S51. One of these participants reported this allele in Table 3 ("Additional DNA Results").

Of the YSTR loci results returned, only one participant reported results that differed from the consensus/predistribution testing results. This participant reported "11,11" at the DYS391 locus where the consensus was "11".

# 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

22GELT - 5840	Investigator® 24plex GO					
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
2A7L9U - 5842	GlobalFiler™ Express					
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
2MRKTN - 5842	GlobalFiler™ Express					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	XX	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
2YN2PX - 5842	GlobalFiler™ Express					
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
38WVJQ - 5841	GlobalFiler™					
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	XX	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
3C792P - 5840	PowerPlex® Fusion 6C					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	XX	10,12
	24,25	12,14	10,10	19,28.2	6,9.3	8,11
	14,15					

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

3CEFXX - 5840	PowerPlex® Fusion 5C					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25	12,14	10,10		6,9.3	8,11
	14,15					
3LHP7M - 5840	GlobalFiler™ Express					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
3MZJ7W - 5842	Identifiler® Plus					
		17,21		16,17	8,12	
1	8,11	12,13			10,11	8,9
	12,17	14,14.2	28,33.2		X	10,12
	24,25				6,9.3	8,11
	14,15					
3VHXEM - 5840	PowerPlex® Fusion 5C					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25	12,14	10,10		6,9.3	8,11
	14,15	NR				
3VTRQN - 5842	PowerPlex® Fusion 5C					
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25	12,14	10		6,9.3	8,11
	14,15	NR				
3YT4MN - 5842	PowerPlex® Fusion 5C					
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25	12,14	10		6,9.3	8,11
	14,15	NR				
42VKXN - 5840	GlobalFiler™ Express PCR Amplification Kit					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					

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

43V7FN - 5840	PowerPlex® Fusion 6C					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25	12,14	10,10	19,28.2	6,9.3	8,11
	14,15					
4D8NKL - 5840	GlobalFiler™ Express					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
4EEN9V - 5842	PowerPlex® Fusion 6C					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25	12,14	10,10	19,28.2	6,9.3	8,11
	14,15					
4EPM6P - 5840	PowerPlex® Fusion 6C					
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25	12,14	10	19,28.2	6,9.3	8,11
	14,15					
4HDY4U - 5842	PowerPlex® Fusion 6C					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25	12,14	10,10	19,28.2	6,9.3	8,11
	14,15					
4VPR4T - 5840	GlobalFiler™					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
66LRLK - 5840	PowerPlex® Fusion 5C					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25	12,14	10,10		6,9.3	8,11
	14,15					

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

6CKEDJ - 5841		PowerPlex® Fusion 5C				
1	14,15.3	17,21	11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25	12,14	10		6,9.3	8,11
	14,15					
6DDAZT - 5842		GlobalFiler™ Express				
1	14,15.3	17,21	11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
6JEJ8K - 5842		GlobalFiler™ Express				
1	14,15.3	17,21	11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
6L8FUU - 5842		GlobalFiler™ Express				
1	14,15.3	17,21	11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
6LXTQT - 5840		PowerPlex® Fusion 5C				
1	14,15.3	17,21	11,11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	XX	10,12
	24,25	12,14	10,10		6,9.3	8,11
	14,15					
6QXP4R - 5840		GlobalFiler™ Express				
1	14,15.3	17,21	11,11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	XX	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
7EU94M - 5840		GlobalFiler™ Express PCR Amplification Kit				
1	14,15.3	17,21	11,11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	XX	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					



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

7FK8GL - 5840		GlobalFiler™ Express				
1	14,15.3	17,21	11,11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
7KU6GM - 5840		GlobalFiler™				
1	14,15.3	17,21	11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
7MHGFT - 5842		GlobalFiler™ Express				
1	14,15.3	17,21	11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
8ADZFN - 5840		Investigator® 24plex GO!				
1	14,15.3	17,21	11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
8E9RMK - 5840		GlobalFiler™ Express				
1	14,15.3	17,21	11,11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
8GW4MQ - 5841		GlobalFiler™ Express				
1	14,15.3	17,21	11,11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
8NBCNR - 5840		PowerPlex® Fusion 5C				
1	14,15.3	17,21	11,11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25	12,14	10,10		6,9.3	8,11
	14,15					

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

8UEWFK - 5840	PowerPlex® Fusion 6C					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25	12,14	10,10	19,28.2	6,9.3	8,11
	14,15					
8XLEAT - 5840	PowerPlex® Fusion 5C					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25	12,14	10,10		6,9.3	8,11
	14,15					
9FPGPP - 5842	GlobalFiler™ Express					
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
9Y4THF - 5840	PowerPlex® Fusion 5C					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25	12,14	10,10		6,9.3	8,11
	14,15	NR				
9ZVN6P - 5842	GlobalFiler™ Express					
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
AEHG2G - 5842	PowerPlex® Fusion 5C					
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25	12,14	10		6,9.3	8,11
	14,15	NR				
ALDQTF - 5840	PowerPlex® ESI 16 FAST (GeneMapper ID-X 1.5)					
	14,15.3	17,21	11,11	16,17		
1		12,13	13,15	19,22		8,9
	12,17	14,14.2	28,33.2	17,17	X,X	
	24,25				6,9.3	
	14,15					

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

ATR6HJ - 5840		PowerPlex® Fusion				
1	14,15.3	17,21	11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25	12,14	10		6,9.3	8,11
	14,15					
AVLDXL - 5842		Identifiler® Plus				
1		17,21		16,17	8,12	
	8,11	12,13			10,11	8,9
	12,17	14,14.2	28,33.2		X	10,12
	24,25				6,9.3	8,11
	14,15					
BC3GMF - 5842		GlobalFiler™ Express				
1	14,15.3	17,21	11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
BCP86L - 5842		GlobalFiler™				
1	14,15.3	17,21	11,11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	XX	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
BH8KQF - 5842		GlobalFiler™ Express				
1	14,15.3	17,21	11,11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	XX	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
BTX2YF - 5840		PowerPlex® Fusione 5C, GlobalFiler™ Express				
1	14,15.3	17,21	11,11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	XX	10,12
	24,25	12,14	10,10	19,28.2	6,9.3	8,11
	14,15					
BWWEJK - 5841		PowerPlex® Fusion 6C				
1	14,15.3	17,21	11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25	12,14	10	19,28.2	6,9.3	8,11
	14,15	NR	NR	NR		

TABLE 1

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

## Item 1 - STR Results

C96ETH - 5840		GlobalFiler™ Express PCR Amplification Kit				
1	14,15.3	17,21	11,11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
CBHWFM - 5840		GlobalFiler™ Express				
1	14,15.3	17,21	11,11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
CET3NN - 5840		GlobalFiler™ Express				
1	14,15.3	17,21	11,11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15	0			0	
CUDP2K - 5842		GlobalFiler™ Express				
1	14,15.3	17,21	11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
D2BHA E - 5840		PowerPlex® Fusion				
1	14,15.3	17,21	11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25	12,14	10		6,9.3	8,11
	14,15					
D3MEEJ - 5842		GlobalFiler™ Express				
1	14,15.3	17,21	11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
D3X9QK - 5840		PowerPlex® Fusion 5C				
1	14,15.3	17,21	11,11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25	12,14	10,10		6,9.3	8,11
	14,15					

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

DCVGTG - 5840		GlobalFiler™				
1	14,15.3	17,21	11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
DJRLTL - 5840		GlobalFiler™ Express				
1	14,15.3	17,21	11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
DJXKZL - 5840		PowerPlex® 5C				
1	14,15.3	17,21	11,11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25	12,14	10,10		6,9.3	8,11
	14,15					
DXLMHE - 5840		GlobalFiler™ Express, GlobalFiler				
1	14,15.3	17,21	11,11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
E9JMVH - 5842		PowerPlex® Fusion 5C				
1	14,15.3	17,21	11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25	12,14	10		6,9.3	8,11
	14,15	no results				
ECRLUJ - 5842		GlobalFiler™ Express				
1	14,15.3	17,21	11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
EGA9ZF - 5840		GlobalFiler™ Express PCR Amplification Kit (GeneMapper ID-X 1.6)				
1	14,15.3	17,21	11,11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15	-				

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

ELF8TA - 5840		GlobalFiler™ Express				
1	14,15.3	17,21	11,11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
ELJLHE - 5841		GlobalFiler™ Express				
1	14,15.3	17,21	11,11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
EN8XGK - 5842		Identifiler® Plus				
1		17,21		16,17	8,12	
	8,11	12,13			10,11	8,9
	12,17	14,14.2	28,33.2		X	10,12
	24,25				6,9.3	8,11
	14,15					
EQEFFF - 5840		GlobalFiler™ GF50				
1	14,15.3	17,21	11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
EVJURE - 5840		GlobalFiler™				
1	14,15.3	17,21	11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
F6N27E - 5840		GlobalFiler™ Express				
1	14,15.3	17,21	11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
F8UJ6A - 5841		PowerPlex® 5C				
1	14,15.3	17,21	11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25	12,14	10		6,9.3	8,11
	14,15					

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

FD9KWE - 5841	GlobalFiler™ Express					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
FEZJBC - 5840	GlobalFiler™					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
FGYY6A - 5842	GlobalFiler™ Express					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
FMJURC - 5842	PowerPlex® Fusion 6C					
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25	12,14	10	19,28.2	6,9.3	8,11
	14,15					
FQ87QH - 5842	GlobalFiler™ Express					
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
FTHBYJ - 5840	NGM SElect					
	14,15.3	17,21	11,11	16,17		
1		12,13	13,15	19,22		8,9
	12,17	14,14.2	28,33.2	17,17	X,X	
	24,25			19,28.2	6,9.3	
	14,15					
FYF96B - 5842	GlobalFiler™ Express					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					

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

G4MNYC - 5840		PowerPlex® Fusion 6C				
1	14,15.3	17,21	11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25	12,14	10	19,28.2	6,9.3	8,11
	14,15					
G9TC9E - 5842		PowerPlex® Fusion 5C				
1	14,15.3	17,21	11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25	12,14	10		6,9.3	8,11
	14,15					
GA4EVD - 5840		GlobalFiler™ Express PCR Amplification Kit				
1	14,15.3	17,21	11,11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
GJ4L4D - 5840		PowerPlex® Fusion				
1	14,15.3	17,21	11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25	12,14	10		6,9.3	8,11
	14,15					
GQJP48 - 5842		PowerPlex® Fusion 5C				
1	14,15.3	17,21	11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25	12,14	10		6,9.3	8,11
	14,15	No Results				
GX892F - 5841		GlobalFiler™				
1	14,15.3	17,21	11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
H4W8TF - 5840		PowerPlex® Fusion 5C				
1	14,15.3	17,21	11,11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25	12,14	10,10		6,9.3	8,11
	14,15					



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

HKJK88 - 5840		GlobalFiler™ Express, GlobalFiler				
1	14,15.3	17,21	11,11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
HKR3L8 - 5841		GlobalFiler™				
1	14,15.3	17,21	11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
HM8W7D - 5840		Investigator® 24plex GO!				
1	14,15.3	17,21	11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
HZ9VTA - 5840		GlobalFiler™ Express PCR Amplification Kit				
1	14,15.3	17,21	11,11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
J36GNE - 5842		GlobalFiler™ Express				
1	14,15.3	17,21	11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
J3FBZF - 5842		Identifiler® Plus				
1		17,21		16,17	8,12	
	8,11	12,13			10,11	8,9
	12,17	14,14.2	28,33.2		X	10,12
	24,25				6,9.3	8,11
	14,15					
J7FLWF - 5842		Identifiler® Plus				
1		17,21		16,17	8,12	
	8,11	12,13			10,11	8,9
	12,17	14,14.2	28,33.2		X	10,12
	24,25				6,9.3	8,11
	14,15					

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

JC7V7E - 5841	GlobalFiler™ Express					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
JRXT9A - 5840	GlobalFiler™ Express PCR Amplification Kit					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
JW38J8 - 5842	GlobalFiler™ Express					
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
K2EWTD - 5840	GlobalFiler™					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
KAGRG7 - 5842	GlobalFiler™ Express					
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
KHCWA8 - 5840	PowerPlex® Fusion 6C					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25	12,14	10,10	19,28.2	6,9.3	8,11
	14,15					
KJLYW7 - 5840	PowerPlex® Fusion 5C					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25	12,14	10,10		6,9.3	8,11
	14,15					

TABLE 1

WebCode - Test Amplification Kits (Probablistic 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

KK3VN6 - 5841		PowerPlex® Fusion 5C				
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25	12,14	10		6,9.3	8,11
	14,15					
KQQJB - 5840						
	14,15.3	17,21		16,17	8,12	12,19
1	8,11	12,13		19,22	10,11	8,9
	12,17	14,14.2	28,33.2		X,X	10,12
	24,25	12,14	10,10		6,9.3	8,11
	14,15					
KR2HF6 - 5840		PowerPlex® Fusion 6C				
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25	12,14	10	19,28.2	6,9.3	8,11
	14,15					
KZVN97 - 5840		GlobalFiler™				
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
LBJ48D - 5842		Identifiler® Plus				
		17,21		16,17	8,12	
1	8,11	12,13			10,11	8,9
	12,17	14,14.2	28,33.2		X	10,12
	24,25				6,9.3	8,11
	14,15					
LEYYNB - 5841		GlobalFiler™ Express				
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
LQB2A9 - 5840		GlobalFiler™ Express PCR Amplification Kit				
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					

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

LYGBX2 - 5842	PowerPlex® Fusion 5C					
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25	12,14	10		6,9.3	8,11
	14,15					
M8BGQ3 - 5841	GlobalFiler™ Direct					
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
MBQFU3 - 5841	PowerPlex® Fusion 5C					
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25	12,14	10		6,9.3	8,11
	14,15					
MHFJ96 - 5840	GlobalFiler™ Express PCR Amplification kit (GeneMapper ID-X 1.6)					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15	-			-	
MK4V8B - 5840	PowerPlex® Fusion 5C					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25	12,14	10,10		6,9.3	8,11
	14,15					
MQU6GA - 5842	Identifiler® Plus					
		17,21		16,17	8,12	
1	8,11	12,13			10,11	8,9
	12,17	14,14.2	28,33.2		X	10,12
	24,25				6,9.3	8,11
	14,15					
MT7PV3 - 5841	PowerPlex® Fusion 5C					
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25	12,14	10		6,9.3	8,11
	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 1 - STR Results

MWXBWC - 5842	Identifiler® Plus					
		17,21		16,17	8,12	
1	8,11	12,13			10,11	8,9
	12,17	14,14.2	28,33.2		X	10,12
	24,25				6,9.3	8,11
	14,15					
MXG3D2 - 5840	PowerPlex® Fusion					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25	12,14	10,10		6,9.3	8,11
	14,15					
MYPABB - 5841	GlobalFiler™ Express					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
NCTX74 - 5842	PowerPlex® Fusion 6C					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25	12,14	10,10	19,28.2	6,9.3	8,11
	14,15					
NEKWK2 - 5841	PowerPlex® Fusion 5C					
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25	12,14	10		6,9.3	8,11
	14,15					
NM6FA2 - 5840	GlobalFiler™ Express					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
P2UVU2 - 5840	GlobalFiler™ Express					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					

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

PGTRA6 - 5840		GlobalFiler™ Express PCR Amplification kit				
1	14,15.3	17,21	11,11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
PMK2J4 - 5840		GlobalFiler™ Express PCR Amplification Kit				
1	14,15.3	17,22	11,11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
PWW7X8 - 5842		GlobalFiler™ Express				
1	14,15.3	17,21	11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
PYM6C7 - 5840		PowerPlex® 21				
1	14,15.3	17,21		16,17	8,12	12,19
	8,11	12,13		19,22	10,11	8,9
	12,17	14,14.2	28,33.2		X,X	10,12
	24,25	12,14	10,10		6,9.3	8,11
	14,15					
Q74ZTZ - 5842		GlobalFiler™ Express				
1	14,15.3	17,21	11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
QBLK88 - 5840		GlobalFiler™				
1	14,15.3	17,21	11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
QLZP2X - 5840		GlobalFiler™ Express				
1	14,15.3	17,21	11,11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					

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

QQRLB3 - 5840	GlobalFiler™					
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
QRJKPZ - 5840	PowerPlex® Fusion 5C					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25	12,14	10,10		6,9.3	8,11
	14,15					
QT7B87 - 5841	GlobalFiler™ Express					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
QW7M37 - 5841	GlobalFiler™ Express					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
QZ44FZ - 5840	GlobalFiler™					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
R7VFH2 - 5840	GlobalFiler™ Express					
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
RAJRG8 - 5840	GlobalFiler™ Express					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					

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

RHRLBZ - 5842	PowerPlex® Fusion 6C					
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25	12,14	10	19,28.2	6,9.3	8,11
	14,15					
RQ86VY - 5840	PowerPlex® Fusion 5C					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25	12,14	10,10		6,9.3	8,11
	14,15					
RZ9PV8 - 5842	GlobalFiler™ Express					
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
TJZYT2 - 5840	PowerPlex®					
	14,15.3	17,21		16,17	8,12	12,19
1	8,11	12,13		19,22	10,11	8,9
	12,17	14,14.2	28,33.2		X,X	10,12
	24,25	12,14	10,10		6,9.3	8,11
	14,15					
TQC62Z - 5840	GlobalFiler™ Express PCR Amplification Kit (GeneMapper™ ID-X v1.6)					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15	-			-	
TWLXDW - 5840	NGM SElectExpress					
	14,15.3	17,21	11,11	16,17		
1		12,13	13,15	19,22		8,9
	12,17	14,14.2	28,33.2	17,17	X,X	
	24,25			19,28.2	6,9.3	
	14,15					
U4W7WX - 5840	GlobalFiler™ Express, GLOBALFILER					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					



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

U7KHW3 - 5840		GlobalFiler™				
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
U97JEV - 5841		GlobalFiler™ Express				
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
UDBZFY - 5840		GlobalFiler™				
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
UETCQV - 5842		PowerPlex® Fusion 5C				
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25	12,14	10		6,9.3	8,11
	14,15	NR				
UFGQXU - 5842		PowerPlex® Fusion 5C				
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25	12,14	10		6,9.3	8,11
	14,15					
UJKGJZ - 5840		GlobalFiler™ Express PCR Amplification Kit				
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
UM9TJ6 - 5842		Identifiler® Plus				
		17,21		16,17	8,12	
1	8,11	12,13			10,11	8,9
	12,17	14,14.2	28,33.2		X	10,12
	24,25				6,9.3	8,11
	14,15					

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

UQGUAW - 5841		PowerPlex® Fusion 5C				
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25	12,14	10		6,9.3	8,11
	14,15					
UWAFB3 - 5841		GlobalFiler™ Express				
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
V6WE7U - 5840		PowerPlex® Fusion 5C				
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25	12,14	10		6,9.3	8,11
	14,15					
VE9TJ4 - 5840		GlobalFiler™				
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
VK7PPU - 5842		GlobalFiler™ Express				
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
VLKPTW - 5842		PowerPlex® Fusion 6C				
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25	12,14	10	19,28.2	6,9.3	8,11
	14,15					
VN92R3 - 5842		GlobalFiler™ Express				
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					

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

VNAFBZ - 5841	GlobalFiler™					
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
VTPNYY - 5840	GlobalFiler™ Express PCR Amplification Kit					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
VW7XV - 5842	PowerPlex® Fusion 5C					
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25	12,14	10		6,9.3	8,11
	14,15	NR				
VWD983 - 5842	GlobalFiler™ Express					
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
VXKHW2 - 5842	PowerPlex® Fusion 5C					
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25	12,14	10		6,9.3	8,11
	14,15	NR				
W869WX - 5840	GlobalFiler™ Express PCR Amplification Kit					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,12	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
WATKV4 - 5840	PowerPlex® Fusion 5C					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25	12,14	10,10		6,9.3	8,11
	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 1 - STR Results

WBB8NR - 5842		PowerPlex® Fusion 6C				
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25	12,14	10	19,28.2	6,9.3	8,11
	14,15	no results	no results	no results		
WFNKDX - 5842		Identifiler®, PowerPlex® 16, PowerPlex® Fusion 6C				
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25	12,14	10	19,28.2	6,9.3	8,11
	14,15	0	0	0		
WK4R2X - 5840		GlobalFiler™ Express				
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
WMHGW2 - 5840		PowerPlex® Fusion 5C				
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2		XX	
	24,25	12,14			6,9.3	
	14,15					
WN44WX - 5840		GlobalFiler™ Express				
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
WQRFV3 - 5840		GlobalFiler™ Express				
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	XX	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
WTNBQX - 5841		GlobalFiler™ Express				
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	XX	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					

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

X78FCY - 5841		GlobalFiler™ Express				
1	14,15.3	17,21	11,11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
XDWLYZ - 5842		GlobalFiler™ Express				
1	14,15.3	17,21	11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
XHWE32 - 5840		PowerPlex® Fusion 5C				
1	14,15.3	17,21	11,11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25	12,14	10,10		6,9.3	8,11
	14,15					
XMR7BX - 5841		GlobalFiler™				
1	14,15.3	17,21	11,11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
XZC7VZ - 5842		GlobalFiler™ Express				
1	14,15.3	17,21	11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
YG6HFT - 5840		GlobalFiler™ Express				
1	14,15.3	17,21	11,11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
YGTN4R - 5842		GlobalFiler™ Express				
1	14,15.3	17,21	11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25			19,28.2	6,9.3	8,11
	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 1 - STR Results

YK4UCT - 5840		GlobalFiler™ Express				
		14,15.3	17,21	11,11	16,17	8,12
1		8,11	12,13	13,15	19,22	10,11 8,9
		12,17	14,14.2	28,33.2	17,17	X,X 10,12
		24,25			19,28.2	6,9.3 8,11
		14,15				
YT8L9V - 5840		PowerPlex® Fusion				
		14,15.3	17,21	11	16,17	8,12
1		8,11	12,13	13,15	19,22	10,11 8,9
		12,17	14,14.2	28,33.2	17	X 10,12
		24,25	12,14	10		6,9.3 8,11
		14,15				
YXHYQU - 5840		GlobalFiler™				
		14,15.3	17,21	11	16,17	8,12
1		8,11	12,13	13,15	19,22	10,11 8,9
		12,17	14,14.2	28,33.2	17	X 10,12
		24,25			19,28.2	6,9.3 8,11
		14,15				
YZ7BPY - 5842		PowerPlex® Fusion 6C				
		14,15.3	17,21	11,11	16,17	8,12
1		8,11	12,13	13,15	19,22	10,11 8,9
		12,17	14,14.2	28,33.2	17,17	X,X 10,12
		24,25	12,14	10,10	19,28.2	6,9.3 8,11
		14,15				
Z3RC8T - 5842		PowerPlex® Fusion 6C				
		14,15.3	17,21	11	16,17	8,12
1		8,11	12,13	13,15	19,22	10,11 8,9
		12,17	14,14.2	28,33.2	17	X 10,12
		24,25	12,14	10	19,28.2	6,9.3 8,11
		14,15				
Z6FN8X - 5842		GlobalFiler™ Express				
		14,15.3	17,21	11	16,17	8,12
1		8,11	12,13	13,15	19,22	10,11 8,9
		12,17	14,14.2	28,33.2	17	X 10,12
		24,25			19,28.2	6,9.3 8,11
		14,15				
Z8DJ3R - 5840		GlobalFiler™ Express PCR Amplification Kit				
		14,15.3	17,21	11,11	16,17	8,12
1		8,11	12,13	13,15	19,22	10,11 8,9
		12,17	14,14.2	28,33.2	17,17	X,X 10,12
		24,25			19,28.2	6,9.3 8,11
		14,15				

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

Z9NLNQ - 5840	GlobalFiler™ Express, GlobalFiler					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
ZF469Q - 5842	Verifiler Express, Fusion, HDplex, ForenSeq					
	14,15.3	17,21	11,11	16,17	8,12	12,19
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25	12,14	10,10	19,28.2	6,9.3	8,11
	14,15					
ZFYT8P - 5840	GlobalFiler™					
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
ZKC48R - 5840	PowerPlex® Fusion 6C					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25	12,14	10,10	19,28.2	6,9.3	8,11
	14,15					
ZN8X6T - 5840	GlobalFiler™					
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
ZQYWJR - 5842	GlobalFiler™ Express					
	14,15.3	17,21	11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					
ZUNKBP - 5840	GlobalFiler™ Express					
	14,15.3	17,21	11,11	16,17	8,12	
1	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17,17	X,X	10,12
	24,25			19,28.2	6,9.3	8,11
	14,15					

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

ZWCWBV - 5841		PowerPlex® Fusion 6C				
1	14,15.3	17,21	11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25	12,14	10	19,28.2	6,9.3	8,11
	14,15	NR	NR	NR		
ZYT2CT - 5842		PowerPlex® Fusion 6C				
1	14,15.3	17,21	11	16,17	8,12	
	8,11	12,13	13,15	19,22	10,11	8,9
	12,17	14,14.2	28,33.2	17	X	10,12
	24,25	12,14	10	19,28.2	6,9.3	8,11
	14,15					



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

22GELT - 5840		Investigator® 24plex GO				
2	15,18.3	16,17	11,14	16	11,13	
	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3	8,11
	16,17	11				
2A7L9U - 5842		GlobalFiler™ Express				
2	15,18.3	16,17	11,14	16	11,13	
	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3	8,11
	16,17	11			2	
2MRKTN - 5842		GlobalFiler™ Express				
2	15,18.3	16,17	11,14	16,16	11,13	
	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3,9.3	8,11
	16,17	11			2	
2YN2PX - 5842		GlobalFiler™ Express				
2	15,18.3	16,17	11,14	16	11,13	
	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3	8,11
	16,17	11			2	
38WVJQ - 5841		GlobalFiler™				
2	15,18.3	16,17	11,14	16	11,13	
	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3	8,11
	16,17	11			2	
3C792P - 5840		PowerPlex® Fusion 6C				
2	15,18.3	16,17	11,14	16,16	11,13	
	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15	18,28.2	9.3,9.3	8,11
	16,17	11	17	17		
3CEFYZ - 5840		PowerPlex® Fusion 5C				
2	15,18.3	16,17	11,14	16,16	11,13	
	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15		9.3,9.3	8,11
	16,17	11				

TABLE 1

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

## Item 2 - STR Results

3LHP7M - 5840		GlobalFiler™ Express				
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3,9,3	8,11
	16,17	11			2	
3MZJ7W - 5842		Identifiler® Plus				
		16,17		16	11,13	
2	10,11	14,15			8	11,12
	15,17	14,15	29,30		X,Y	10,11
	21,22				9,3	8,11
	16,17					
3VHXEM - 5840		PowerPlex® Fusion 5C				
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15		9,3,9,3	8,11
	16,17	11				
3VTRQN - 5842		PowerPlex® Fusion 5C				
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15		9,3	8,11
	16,17	11				
3YT4MN - 5842		PowerPlex® Fusion 5C				
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15		9,3	8,11
	16,17	11				
42VKXN - 5840		GlobalFiler™ Express PCR Amplification Kit				
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3,9,3	8,11
	16,17	11			2	
43V7FN - 5840		PowerPlex® Fusion 6C				
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15	18,28.2	9,3,9,3	8,11
	16,17	11	17	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 2 - STR Results

4D8NKL - 5840		GlobalFiler™ Express				
		15,18.3	16,17	11,14	16,16	11,13
2		10,11	14,15	13,15	17,18	8,8
		15,17	14,15	29,30	15,16	X,Y
		21,22			18,28.2	9.3,9.3
		16,17	11			2
4EEN9V - 5842		PowerPlex® Fusion 6C				
		15,18.3	16,17	11,14	16,16	11,13
2		10,11	14,15	13,15	17,18	8,8
		15,17	14,15	29,30	15,16	X,Y
		21,22	9,10	7,15	18,28.2	9.3,9.3
		16,17	11	17	17	
4EPM6P - 5840		PowerPlex® Fusion 6C				
		15,18.3	16,17	11,14	16	11,13
2		10,11	14,15	13,15	17,18	8
		15,17	14,15	29,30	15,16	X,Y
		21,22	9,10	7,15	18,28.2	9.3
		16,17	11	17	17	
4HDY4U - 5842		PowerPlex® Fusion 6C				
		15,18.3	16,17	11,14	16,16	11,13
2		10,11	14,15	13,15	17,18	8,8
		15,17	14,15	29,30	15,16	X,Y
		21,22	9,10	7,15	18,28.2	9.3,9.3
		16,17	11	17	17	
4VPR4T - 5840		GlobalFiler™				
		15,18.3	16,17	11,14	16,16	11,13
2		10,11	14,15	13,15	17,18	8,8
		15,17	14,15	29,30	15,16	X,Y
		21,22			18,28.2	9.3,9.3
		16,17	11			2
66LRLK - 5840		PowerPlex® Fusion 5C				
		15,18.3	16,17	11,14	16,16	11,13
2		10,11	14,15	13,15	17,18	8,8
		15,17	14,15	29,30	15,16	X,Y
		21,22	9,10	7,15		9.3,9.3
		16,17	11			
6CKEDJ - 5841		PowerPlex® Fusion 5C				
		15,18.3	16,17	11,14	16	11,13
2		10,11	14,15	13,15	17,18	8
		15,17	14,15	29,30	15,16	X,Y
		21,22	9,10	7,15		9.3
		16,17	11			

TABLE 1

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

## Item 2 - STR Results

6DDAZT - 5842		GlobalFiler™ Express				
2	15,18.3	16,17	11,14	16	11,13	
	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3	8,11
	16,17	11			2	
6JEJ8K - 5842		GlobalFiler™ Express				
2	15,18.3	16,17	11,14	16	11,13	
	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3	8,11
	16,17	11			2	
6L8FUU - 5842		GlobalFiler™ Express				
2	15,18.3	16,17	11,14	16	11,13	
	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3	8,11
	16,17	11			2	
6LXTQT - 5840		PowerPlex® Fusion 5C				
2	15,18.3	16,17	11,14	16,16	11,13	
	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15		9.3,9.3	8,11
	16,17	11				
6QXP4R - 5840		GlobalFiler™ Express				
2	15,18.3	16,17	11,14	16,16	11,13	
	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3,9.3	8,11
	16,17	11			2	
7EU94M - 5840		GlobalFiler™ Express PCR Amplification Kit				
2	15,18.3	16,17	11,14	16,16	11,13	
	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3,9.3	8,11
	16,17	11			2	
7FK8GL - 5840		GlobalFiler™ Express				
2	15,18.3	16,17	11,14	16,16	11,13	
	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3,9.3	8,11
	16,17	11			2	

TABLE 1

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

## Item 2 - STR Results

7KU6GM - 5840		GlobalFiler™				
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3	8,11
	16,17	11			2	
7MHGFT - 5842		GlobalFiler™ Express				
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3	8,11
	16,17	11			2	
8ADZFN - 5840		Investigator® 24plex GO!				
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3	8,11
	16,17	11				
8E9RMK - 5840		GlobalFiler™ Express				
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3,9.3	8,11
	16,17	11			2	
8GW4MQ - 5841		GlobalFiler™ Express				
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3,9.3	8,11
	16,17	11			2	
8NBCNR - 5840		PowerPlex® Fusion 5C				
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15		9.3,9.3	8,11
	16,17	11				
8UEWFK - 5840		PowerPlex® Fusion 6C				
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15	18,28.2	9.3,9.3	8,11
	16,17	11	17	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 2 - STR Results

8XLEAT - 5840		PowerPlex® Fusion 5C				
2	15,18.3	16,17	11,14	16,16	11,13	
	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15		9,3,9,3	8,11
	16,17	11				
9FPGPP - 5842		GlobalFiler™ Express				
2	15,18.3	16,17	11,14	16	11,13	
	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3	8,11
	16,17	11			2	
9Y4THF - 5840		PowerPlex® Fusion 5C				
2	15,18.3	16,17	11,14	16,16	11,13	
	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15		9,3,9,3	8,11
	16,17	11				
9ZVN6P - 5842		GlobalFiler™ Express				
2	15,18.3	16,17	11,14	16	11,13	
	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3	8,11
	16,17	11			2	
AEHG2G - 5842		PowerPlex® Fusion 5C				
2	15,18.3	16,17	11,14	16	11,13	
	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15		9,3	8,11
	16,17	11				
ALDQTF - 5840		PowerPlex® ESI 16 FAST (GeneMapper ID-X 1.5)				
2	15,18.3	16,17	11,14	16,16		
		14,15	13,15	17,18		11,12
	15,17	14,15	29,30	15,16	X,Y	
	21,22				9,3,9,3	
	16,17					
ATR6HJ - 5840		PowerPlex® Fusion				
2	15,18.3	16,17	11,14	16	11,13	
	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15		9,3	8,11
	16,17	11				

TABLE 1

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

## Item 2 - STR Results

AVLDXL - 5842	Identifiler® Plus					
		16,17		16	11,13	
2	10,11	14,15			8	11,12
	15,17	14,15	29,30		X,Y	10,11
	21,22				9,3	8,11
	16,17					
BC3GMF - 5842	GlobalFiler™ Express					
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3	8,11
	16,17	11			2	
BCP86L - 5842	GlobalFiler™					
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3,9,3	8,11
	16,17	11			2	
BH8KQF - 5842	GlobalFiler™ Express					
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3,9,3	8,11
	16,17	11			2	
BTX2YF - 5840	PowerPlex® Fusion 5C, GlobalFiler™ Express					
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15	18,28.2	9,3,9,3	8,11
	16,17	11			2	
BWWEJK - 5841	PowerPlex® Fusion 6C					
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15	18,28.2	9,3	8,11
	16,17	11	17	17		
C96ETH - 5840	GlobalFiler™ Express PCR Amplification Kit					
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3,9,3	8,11
	16,17	11			2	

TABLE 1

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

Item 2 - STR Results

CBHWFM - 5840		GlobalFiler™ Express				
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3,9.3	8,11
	16,17	11			2	
CET3NN - 5840		GlobalFiler™ Express				
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3,9.3	8,11
	16,17	11			0	
CUDP2K - 5842		GlobalFiler™ Express				
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3	8,11
	16,17	11			2	
D2BHAЕ - 5840		PowerPlex® Fusion				
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15		9.3	8,11
	16,17	11				
D3MEEJ - 5842		GlobalFiler™ Express				
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3	8,11
	16,17	11			2	
D3X9QK - 5840		PowerPlex® Fusion 5C				
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15		9.3,9.3	8,11
	16,17	11				
DCVGTC - 5840		GlobalFiler™				
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3	8,11
	16,17	11			2	



TABLE 1

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

## Item 2 - STR Results

DJRLTL - 5840		GlobalFiler™ Express				
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3	8,11
	16,17	11			2	
DJXKZL - 5840		PowerPlex® 5C				
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15		9.3,9.3	8,11
	16,17	11,11				
DXLMHE - 5840		GlobalFiler™ Express, GlobalFiler				
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3,9.3	8,11
	16,17	11			2	
E9JMVH - 5842		PowerPlex® Fusion 5C				
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15		9.3	8,11
	16,17	11				
ECRLUJ - 5842		GlobalFiler™ Express				
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3	8,11
	16,17	11			2	
EGA9ZF - 5840		GlobalFiler™ Express PCR Amplification Kit (GeneMapper ID-X 1.6)				
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3,9.3	8,11
	16,17	11			2	
ELF8TA - 5840		GlobalFiler™ Express				
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3,9.3	8,11
	16,17	11			2	

TABLE 1

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

## Item 2 - STR Results

ELJLHE - 5841	GlobalFiler™ Express					
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3,9,3	8,11
	16,17	11				
EN8XGK - 5842	Identifiler® Plus					
		16,17		16	11,13	
2	10,11	14,15			8	11,12
	15,17	14,15	29,30		X,Y	10,11
	21,22				9,3	8,11
	16,17					
EQEFFF - 5840	GlobalFiler™ GF50					
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3	8,11
	16,17	11			2	
EVJURE - 5840	GlobalFiler™					
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3	8,11
	16,17	11			2	
F6N27E - 5840	GlobalFiler™ Express					
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3	8,11
	16,17	11			2	
F8UJ6A - 5841	PowerPlex® 5C					
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15		9,3	8,11
	16,17	11				
FD9KWE - 5841	GlobalFiler™ Express					
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3,9,3	8,11
	16,17	11				

TABLE 1

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

## Item 2 - STR Results

FEZJBC - 5840		GlobalFiler™				
2	15,18.3	16,17	11,14	16,16	11,13	
	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3,9,3	8,11
	16,17	11			2	
FGYY6A - 5842		GlobalFiler™ Express				
2	15,18.3	16,17	11,14	16,16	11,13	
	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3,9,3	8,11
	16,17	11			2	
FMJURC - 5842		PowerPlex® Fusion 6C				
2	15,18.3	16,17	11,14	16	11,13	
	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15	18,28.2	9,3	8,11
	16,17	11	17	17		
FQ87QH - 5842		GlobalFiler™ Express				
2	15,18.3	16,17	11,14	16	11,13	
	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3	8,11
	16,17	11			2	
FTHBYJ - 5840		NGM SElect				
2	15,18.3	16,17	11,14	16,16		
		14,15	13,15	17,18		11,12
	15,17	14,15	29,30	15,16	X,Y	
	21,22			18,28.2	9,3,9,3	
	16,17					
FYF96B - 5842		GlobalFiler™ Express				
2	15,18.3	16,17	11,14	16,16	11,13	
	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3,9,3	8,11
	16,17	11			2	
G4MNYC - 5840		PowerPlex® Fusion 6C				
2	15,18.3	16,17	11,14	16	11,13	
	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15	18,28.2	9,3	8,11
	16,17	11	17	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 2 - STR Results

G9TC9E - 5842		PowerPlex® Fusion 5C				
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15		9.3	8,11
	16,17	11				
GA4EVD - 5840		GlobalFiler™ Express PCR Amplification Kit				
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3,9.3	8,11
	16,17	11			2	
GJ4L4D - 5840		PowerPlex® Fusion				
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15		9.3	8,11
	16,17	11				
GQJP48 - 5842		PowerPlex® Fusion 5C				
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15		9.3	8,11
	16,17	11				
GX892F - 5841		GlobalFiler™				
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3	8,11
	16,17	11			2	
H4W8TF - 5840		PowerPlex® Fusion 5C				
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15		9.3,9.3	8,11
	16,17	11				
HKJK88 - 5840		GlobalFiler™ Express, GlobalFiler				
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3,9.3	8,11
	16,17	11			2	

TABLE 1

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

## Item 2 - STR Results

HKR3L8 - 5841		GlobalFiler™				
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3	8,11
	16,17	11			2	
HM8W7D - 5840		Investigator® 24plex GO!				
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3	8,11
	16,17	11				
HZ9VTA - 5840		GlobalFiler™ Express PCR Amplification Kit				
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3,9.3	8,11
	16,17	11			2	
J36GNE - 5842		GlobalFiler™ Express				
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3	8,11
	16,17	11			2	
J3FBZF - 5842		Identifiler® Plus				
		16,17		16	11,13	
2	10,11	14,15			8	11,12
	15,17	14,15	29,30		X,Y	10,11
	21,22				9.3	8,11
	16,17					
J7FLWF - 5842		Identifiler® Plus				
		16,17		16	11,13	
2	10,11	14,15			8	11,12
	15,17	14,15	29,30		X,Y	10,11
	21,22				9.3	8,11
	16,17					
JC7V7E - 5841		GlobalFiler™ Express				
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3,9.3	8,11
	16,17	11			2	

TABLE 1

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

## Item 2 - STR Results

Sample	Kit	1	2	3	4	5	6
JRXT9A - 5840	GlobalFiler™ Express PCR Amplification Kit	15,18.3	16,17	11,14	16,16	11,13	
		10,11	14,15	13,15	17,18	8,8	11,12
		15,17	14,15	29,30	15,16	X,Y	10,11
		21,22			18,28.2	9,3,9,3	8,11
		16,17	11			2	
JW38J8 - 5842	GlobalFiler™ Express	15,18.3	16,17	11,14	16	11,13	
		10,11	14,15	13,15	17,18	8	11,12
		15,17	14,15	29,30	15,16	X,Y	10,11
		21,22			18,28.2	9,3	8,11
		16,17	11			2	
K2EWTD - 5840	GlobalFiler™	15,18.3	16,17	11,14	16,16	11,13	
		10,11	14,15	13,15	17,18	8,8	11,12
		15,17	14,15	29,30	15,16	X,Y	10,11
		21,22			18,28.2	9,3,9,3	8,11
		16,17	11			2	
KAGRG7 - 5842	GlobalFiler™ Express	15,18.3	16,17	11,14	16	11,13	
		10,11	14,15	13,15	17,18	8	11,12
		15,17	14,15	29,30	15,16	X,Y	10,11
		21,22			18,28.2	9,3	8,11
		16,17	11			2	
KHCWA8 - 5840	PowerPlex® Fusion 6C	15,18.3	16,17	11,14	16,16	11,13	
		10,11	14,15	13,15	17,18	8,8	11,12
		15,17	14,15	29,30	15,16	X,Y	10,11
		21,22	9,10	7,15	18,28.2	9,3,9,3	8,11
		16,17	11	17	17		
KJLYW7 - 5840	PowerPlex® Fusion 5C	15,18.3	16,17	11,14	16,16	11,13	
		10,11	14,15	13,15	17,18	8,8	11,12
		15,17	14,15	29,30	15,16	X,Y	10,11
		21,22	9,10	7,15		9,3,9,3	8,11
		16,17	11				
KK3VN6 - 5841	PowerPlex® Fusion 5C	15,18.3	16,17	11,14	16	11,13	
		10,11	14,15	13,15	17,18	8	11,12
		15,17	14,15	29,30	15,16	X,Y	10,11
		21,22	9,10	7,15		9,3	8,11
		16,17	11				

TABLE 1

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

## Item 2 - STR Results

KQQJB - 5840

	15,18.3	16,17		16,16	11,13	12,17
2	10,11	14,15		17,18	8,8	11,12
	15,17	14,15	29,30		X,Y	10,11
	21,22	9,10	7,15		9,3,9,3	8,11
	16,17					

KR2HF6 - 5840 PowerPlex® Fusion 6C

	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15	18,28.2	9.3	8,11
	16,17	11	17	17		

KZVN97 - 5840 GlobalFiler™

	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3	8,11
	16,17	11			2	

LBJ48D - 5842 Identifiler® Plus

		16,17		16	11,13	
2	10,11	14,15			8	11,12
	15,17	14,15	29,30		X,Y	10,11
	21,22				9.3	8,11
	16,17					

LEYYNB - 5841 GlobalFiler™ Express

	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3,9,3	8,11
	16,17	11			2	

LQB2A9 - 5840 GlobalFiler™ Express PCR Amplification Kit

	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3,9,3	8,11
	16,17	11			2	

LYGBX2 - 5842 PowerPlex® Fusion 5C

	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15		9.3	8,11
	16,17	11				

TABLE 1

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

## Item 2 - STR Results

M8BGQ3 - 5841		GlobalFiler™ Direct				
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3	8,11
	16,17	11			2	
MBQFU3 - 5841		PowerPlex® Fusion 5C				
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15		9.3	8,11
	16,17	11				
MHFJ96 - 5840		GlobalFiler™ Express PCR Amplification kit (GeneMapper ID-X 1.6)				
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3,9.3	8,11
	16,17	11			2	
MK4V8B - 5840		PowerPlex® Fusion 5C				
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15		9.3,9.3	8,11
	16,17	11				
MQU6GA - 5842		Identifiler® Plus				
		16,17		16	11,13	
2	10,11	14,15			8	11,12
	15,17	14,15	29,30		X,Y	10,11
	21,22				9.3	8,11
	16,17					
MT7PV3 - 5841		PowerPlex® Fusion 5C				
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15		9.3	8,11
	16,17	11				
MWXBWC - 5842		Identifiler® Plus				
		16,17		16	11,13	
2	10,11	14,15			8	11,12
	15,17	14,15	29,30		X,Y	10,11
	21,22				9.3	8,11
	16,17					



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 2 - STR Results

MXG3D2 - 5840		PowerPlex® Fusion				
2	15,18.3	16,17	11,14	16,16	11,13	
	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15		9,3,9,3	8,11
	16,17	11				
MYPABB - 5841		GlobalFiler™ Express				
2	15,18.3	16,17	11,14	16,16	11,13	
	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3,9,3	8,11
	16,17	11			2	
NCTX74 - 5842		PowerPlex® Fusion 6C				
2	15,18.3	16,17	11,14	16,16	11,13	
	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15	18,28.2	9,3,9,3	8,11
	16,17	11	17	17		
NEKWK2 - 5841		PowerPlex® Fusion 5C				
2	15,18.3	16,17	11,14	16	11,13	
	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15		9,3	8,11
	16,17	11				
NM6FA2 - 5840		GlobalFiler™ Express				
2	15,18.3	16,17	11,14	16,16	11,13	
	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3,9,3	8,11
	16,17	11			2	
P2UVU2 - 5840		GlobalFiler™ Express				
2	15,18.3	16,17	11,14	16,16	11,13	
	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3,9,3	8,11
	16,17	11			2	
PGTRA6 - 5840		GlobalFiler™ Express PCR Amplification kit				
2	15,18.3	16,17	11,14	16,16	11,13	
	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3,9,3	8,11
	16,17	11			2	

TABLE 1

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

## Item 2 - STR Results

PMK2J4 - 5840	GlobalFiler™ Express PCR Amplification Kit					
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3,9,3	8,11
	16,17	11			2	
PWW7X8 - 5842	GlobalFiler™ Express					
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3	8,11
	16,17	11			2	
PYM6C7 - 5840	PowerPlex® 21					
	15,18.3	16,17		16,16	11,13	12,17
2	10,11	14,15		17,18	8,8	11,12
	15,17	14,15	29,30		X,Y	10,11
	21,22	9,10	7,15		9,3,9,3	8,11
	16,17					
Q74ZTZ - 5842	GlobalFiler™ Express					
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3	8,11
	16,17	11			2	
QBLK88 - 5840	GlobalFiler™					
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3,9,3	8,11
	16,17	11			2	
QLZP2X - 5840	GlobalFiler™ Express					
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3,9,3	8,11
	16,17	11			2	
QQRLB3 - 5840	GlobalFiler™					
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3	8,11
	16,17	11			2	

TABLE 1

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

## Item 2 - STR Results

QRJKPZ - 5840	PowerPlex® Fusion 5C					
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15		9,3,9,3	8,11
	16,17	11				
QT7B87 - 5841	GlobalFiler™ Express					
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3,9,3	8,11
	16,17	11			2	
QW7M37 - 5841	GlobalFiler™ Express					
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3,9,3	8,11
	16,17	11			2	
QZ44FZ - 5840	GlobalFiler™					
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3,9,3	8,11
	16,17	11			2	
R7VFH2 - 5840	GlobalFiler™ Express					
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3	8,11
	16,17	11			2	
RAJRG8 - 5840	GlobalFiler™ Express					
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3,9,3	8,11
	16,17	11			2	
RHRLBZ - 5842	PowerPlex® Fusion 6C					
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15	18,28.2	9,3	8,11
	16,17	11	17	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 2 - STR Results

RQ86VY - 5840	PowerPlex® Fusion 5C					
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15		9,3,9,3	8,11
	16,17	11				
RZ9PV8 - 5842	GlobalFiler™ Express					
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3	8,11
	16,17	11			2	
TJZYT2 - 5840	PowerPlex®					
	15,18.3	16,17		16,16	11,13	12,17
2	10,11	14,15		17,18	8,8	11,12
	15,17	14,15	29,30		X,Y	10,11
	21,22	9,10	7,15		9,3,9,3	8,11
	16,17					
TQC62Z - 5840	GlobalFiler™ Express PCR Amplification Kit (GeneMapper™ ID-X v1.6)					
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3,9,3	8,11
	16,17	11			2	
TWLXDW - 5840	NGM SElectExpress					
	15,18.3	16,17	11,14	16,16		
2		14,15	13,15	17,18		11,12
	15,17	14,15	29,30	15,16	X,Y	
	21,22			18,28.2	9,3,9,3	
	16,17					
U4W7WX - 5840	GlobalFiler™ Express, GLOBALFILER					
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3,9,3	8,11
	16,17	11			2	
U7KHW3 - 5840	GlobalFiler™					
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3,9,3	8,11
	16,17	11			2	

TABLE 1

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

## Item 2 - STR Results

U97JEV - 5841		GlobalFiler™ Express				
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3,9,3	8,11
	16,17	11				
UDBZFY - 5840		GlobalFiler™				
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3	8,11
	16,17	11			2	
UETCQV - 5842		PowerPlex® Fusion 5C				
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15		9,3	8,11
	16,17	11				
UFGQXU - 5842		PowerPlex® Fusion 5C				
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15		9,3	8,11
	16,17	11				
UJKGJZ - 5840		GlobalFiler™ Express PCR Amplification Kit				
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3,9,3	8,11
	16,17	11			2	
UM9TJ6 - 5842		Identifiler® Plus				
		16,17		16	11,13	
2	10,11	14,15			8	11,12
	15,17	14,15	29,30		X,Y	10,11
	21,22				9,3	8,11
	16,17					
UQGUAW - 5841		PowerPlex® Fusion 5C				
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15		9,3	8,11
	16,17	11				

TABLE 1

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

## Item 2 - STR Results

UWAFB3 - 5841		GlobalFiler™ Express				
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3,9,3	8,11
	16,17	11			2	
V6WE7U - 5840		PowerPlex® Fusion 5C				
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15		9,3	8,11
	16,17	11				
VE9TJ4 - 5840		GlobalFiler™				
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3,9,3	8,11
	16,17	11			2	
VK7PPU - 5842		GlobalFiler™ Express				
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3,9,3	8,11
	16,17	11			2	
VLKPTW - 5842		PowerPlex® Fusion 6C				
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15	18,28.2	9,3	8,11
	16,17	11	17	17		
VN92R3 - 5842		GlobalFiler™ Express				
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3	8,11
	16,17	11			2	
VNAFBZ - 5841		GlobalFiler™				
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3	8,11
	16,17	11			2	

TABLE 1

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

## Item 2 - STR Results

VTPNYY - 5840		GlobalFiler™ Express PCR Amplification Kit				
2	15,18.3	16,17	11,14	16,16	11,13	
	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3,9,3	8,11
	16,17	11			2	
VWV7XV - 5842		PowerPlex® Fusion 5C				
2	15,18.3	16,17	11,14	16	11,13	
	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15		9,3	8,11
	16,17	11				
VWD983 - 5842		GlobalFiler™ Express				
2	15,18.3	16,17	11,14	16	11,13	
	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3	8,11
	16,17	11			2	
VXKHW2 - 5842		PowerPlex® Fusion 5C				
2	15,18.3	16,17	11,14	16	11,13	
	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15		9,3	8,11
	16,17	11				
W869WX - 5840		GlobalFiler™ Express PCR Amplification Kit				
2	15,18.3	16,17	11,14	16,16	11,13	
	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9,3,9,3	8,11
	16,17	11			2	
WATKV4 - 5840		PowerPlex® Fusion 5C				
2	15,18.3	16,17	11,14	16,16	11,13	
	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15		9,3,9,3	8,11
	16,17	11				
WBB8NR - 5842		PowerPlex® Fusion 6C				
2	15,18.3	16,17	11,14	16	11,13	
	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15	18,28.2	9,3	8,11
	16,17	11	17	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 2 - STR Results

WFNKDX - 5842	Identifiler®, PowerPlex® 16, PowerPlex® Fusion 6C					
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15	18,28.2	9.3	8,11
	16,17	11	17	17		
WK4R2X - 5840	GlobalFiler™ Express					
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3	8,11
	16,17	11			2	
WMHGW2 - 5840	PowerPlex® Fusion 5C					
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15		9.3,9.3	8,11
	16,17	11				
WN44WX - 5840	GlobalFiler™ Express					
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3	8,11
	16,17	11			2	
WQRFV3 - 5840	GlobalFiler™ Express					
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3,9.3	8,11
	16,17	11			2	
WTNBQX - 5841	GlobalFiler™ Express					
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3,9.3	8,11
	16,17	11				
X78FCY - 5841	GlobalFiler™ Express					
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3,9.3	8,11
	16,17	11			2	



TABLE 1

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

## Item 2 - STR Results

XDWLZY - 5842		GlobalFiler™ Express				
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3	8,11
	16,17	11			2	
XHWE32 - 5840		PowerPlex® Fusion 5C				
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15		9.3,9.3	8,11
	16,17	11				
XMR7BX - 5841		GlobalFiler™				
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3,9.3	8,11
	16,17	11			2	
XZC7VZ - 5842		GlobalFiler™ Express				
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3	8,11
	16,17	11			2	
YG6HFT - 5840		GlobalFiler™ Express				
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3,9.3	8,11
	16,17	11			2	
YGTN4R - 5842		GlobalFiler™ Express				
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3	8,11
	16,17	11			2	
YK4UCT - 5840		GlobalFiler™ Express				
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3,9.3	8,11
	16,17	11			2	

TABLE 1

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

## Item 2 - STR Results

YT8L9V - 5840	PowerPlex® Fusion					
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15		9.3	8,11
	16,17	11				
YXHYQU - 5840	GlobalFiler™					
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3	8,11
	16,17	11			2	
YZ7BPY - 5842	PowerPlex® Fusion 6C					
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15	18,28.2	9.3,9.3	8,11
	16,17	11	17	17		
Z3RC8T - 5842	PowerPlex® Fusion 6C					
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15	18,28.2	9.3	8,11
	16,17	11	17	17		
Z6FN8X - 5842	GlobalFiler™ Express					
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3	8,11
	16,17	11			2	
Z8DJ3R - 5840	GlobalFiler™ Express PCR Amplification Kit					
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3,9.3	8,11
	16,17	11			2	
Z9NLNQ - 5840	GlobalFiler™ Express, GlobalFiler					
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3,9.3	8,11
	16,17	11			2	

TABLE 1

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

## Item 2 - STR Results

ZF469Q - 5842	Verifiler Express, Fusion, HDplex, ForenSeq					
	15,18.3	16,17	11,14	16,16	11,13	12,17
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15	18,28.2	9.3,9.3	8,11
	16,17	11	17	17	2	
ZFYT8P - 5840	GlobalFiler™					
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3	8,11
	16,17	11			2	
ZKC48R - 5840	PowerPlex® Fusion 6C					
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15	18,28.2	9.3,9.3	8,11
	16,17	11	17	17		
ZN8X6T - 5840	GlobalFiler™					
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3	8,11
	16,17	11			2	
ZQYWJR - 5842	GlobalFiler™ Express					
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3	8,11
	16,17	11			2	
ZUNKBP - 5840	GlobalFiler™ Express					
	15,18.3	16,17	11,14	16,16	11,13	
2	10,11	14,15	13,15	17,18	8,8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22			18,28.2	9.3,9.3	8,11
	16,17	11			2	
ZWCWBV - 5841	PowerPlex® Fusion 6C					
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15	18,28.2	9.3	8,11
	16,17	11	17	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 2 - STR Results

ZYT2CT - 5842	PowerPlex® Fusion 6C					
	15,18.3	16,17	11,14	16	11,13	
2	10,11	14,15	13,15	17,18	8	11,12
	15,17	14,15	29,30	15,16	X,Y	10,11
	21,22	9,10	7,15	18,28.2	9.3	8,11
	16,17	11	17	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

22GELT - 5840	Investigator® 24plex GO					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
2A7L9U - 5842	GlobalFiler™ Express					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
2MRKTN - 5842	GlobalFiler™ Express					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	XX	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					
2YN2PX - 5842	GlobalFiler™ Express					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
38WVJQ - 5841	GlobalFiler™					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	XX	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
3C792P - 5840	PowerPlex® Fusion 6C					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	XX	11,12
	24,24	9,12	13,19	29.2,32.2	6,9	8,10
	18,19					
3CEFYZ - 5840	PowerPlex® Fusion 5C					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	XX	11,12
	24,24	9,12	13,19		6,9	8,10
	18,19					

TABLE 1

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

## Item 3 - STR Results

3LHP7M - 5840	GlobalFiler™ Express					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					
3MZJ7W - 5842	Identifiler® Plus					
		18,27		16	11,12	
3	10,11	10,15			10,11	9,11
	13,27	13,14	29,31.2		X	11,12
	24				6,9	8,10
	18,19					
3VHXEM - 5840	PowerPlex® Fusion 5C					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24	9,12	13,19		6,9	8,10
	18,19	NR				
3VTRQN - 5842	PowerPlex® Fusion 5C					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24	9,12	13,19		6,9	8,10
	18,19	NR				
3YT4MN - 5842	PowerPlex® Fusion 5C					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24	9,12	13,19		6,9	8,10
	18,19	NR				
42VKXN - 5840	GlobalFiler™ Express PCR Amplification Kit					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					
43V7FN - 5840	PowerPlex® Fusion 6C					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24	9,12	13,19	29.2,32.2	6,9	8,10
	18,19					

TABLE 1

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

## Item 3 - STR Results

4D8NKL - 5840	GlobalFiler™ Express					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					
4EEN9V - 5842	PowerPlex® Fusion 6C					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24	9,12	13,19	29.2,32.2	6,9	8,10
	18,19					
4EPM6P - 5840	PowerPlex® Fusion 6C					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24	9,12	13,19	29.2,32.2	6,9	8,10
	18,19					
4HDY4U - 5842	PowerPlex® Fusion 6C					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24	9,12	13,19	29.2,32.2	6,9	8,10
	18,19					
4VPR4T - 5840	GlobalFiler™					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					
66LRK - 5840	PowerPlex® Fusion 5C					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24	9,12	13,19		6,9	8,10
	18,19					
6CKEDJ - 5841	PowerPlex® Fusion 5C					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24	9,12	13,19		6,9	8,10
	18,19					

TABLE 1

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

## Item 3 - STR Results

6DDAZT - 5842	GlobalFiler™ Express					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
6JEJ8K - 5842	GlobalFiler™ Express					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
6L8FUU - 5842	GlobalFiler™ Express					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
6LXTQT - 5840	PowerPlex® Fusion 5C					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	XX	11,12
	24,24	9,12	13,19		6,9	8,10
	18,19					
6QXP4R - 5840	GlobalFiler™ Express					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	XX	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					
7EU94M - 5840	GlobalFiler™ Express PCR Amplification Kit					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	XX	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					
7FK8GL - 5840	GlobalFiler™ Express					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	XX	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					



TABLE 1

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

## Item 3 - STR Results

7KU6GM - 5840	GlobalFiler™					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
7MHGFT - 5842	GlobalFiler™ Express					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
8ADZFN - 5840	Investigator® 24plex GO!					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
8E9RMK - 5840	GlobalFiler™ Express					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	XX	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					
8GW4MQ - 5841	GlobalFiler™ Express					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	XX	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					
8NBCNR - 5840	PowerPlex® Fusion 5C					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	XX	11,12
	24,24	9,12	13,19		6,9	8,10
	18,19					
8UEWFK - 5840	PowerPlex® Fusion 6C					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	XX	11,12
	24,24	9,12	13,19	29.2,32.2	6,9	8,10
	18,19					

TABLE 1

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

## Item 3 - STR Results

8XLEAT - 5840	PowerPlex® Fusion 5C					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24	9,12	13,19		6,9	8,10
	18,19					
9FPGPP - 5842	GlobalFiler™ Express					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
9Y4THF - 5840	PowerPlex® Fusion 5C					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24	9,12	13,19		6,9	8,10
	18,19	NR				
9ZVN6P - 5842	GlobalFiler™ Express					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
AEHG2G - 5842	PowerPlex® Fusion 5C					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24	9,12	13,19		6,9	8,10
	18,19	NR				
ALDQTF - 5840	PowerPlex® ESI 16 FAST (GeneMapper ID-X 1.5)					
	16,16	18,27	11,14	16,16		
3		10,15	13,16	18,19		9,11
	13,27	13,14	29,31.2	11,16	X,X	
	24,24				6,9	
	18,19					
ATR6HJ - 5840	PowerPlex® Fusion					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24	9,12	13,19		6,9	8,10
	18,19					

TABLE 1

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

## Item 3 - STR Results

AVLDXL - 5842	Identifiler® Plus					
		18,27		16	11,12	
3	10,11	10,15			10,11	9,11
	13,27	13,14	29,31.2		X	11,12
	24				6,9	8,10
	18,19					
BC3GMF - 5842	GlobalFiler™ Express					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
BCP86L - 5842	GlobalFiler™					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	XX	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					
BH8KQF - 5842	GlobalFiler™ Express					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	XX	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					
BTX2YF - 5840	PowerPlex® Fusion 5C, GlobalFiler™ Express					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	XX	11,12
	24,24	9,12	13,19	29.2,32.2	6,9	8,10
	18,19					
BWWEJK - 5841	PowerPlex® Fusion 6C					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24	9,12	13,19	29.2,32.2	6,9	8,10
	18,19	NR	NR	NR		
C96ETH - 5840	GlobalFiler™ Express PCR Amplification Kit					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	XX	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					

TABLE 1

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

## Item 3 - STR Results

CBHWFM - 5840		GlobalFiler™ Express				
3	16,16	18,27	11,14	16,16	11,12	
	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					
CET3NN - 5840		GlobalFiler™ Express				
3	16,16	18,27	11,14	16,16	11,12	
	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19	0			0	
CUDP2K - 5842		GlobalFiler™ Express				
3	16	18,27	11,14	16	11,12	
	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
D2BHAЕ - 5840		PowerPlex® Fusion				
3	16	18,27	11,14	16	11,12	
	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24	9,12	13,19		6,9	8,10
	18,19					
D3MEEJ - 5842		GlobalFiler™ Express				
3	16	18,27	11,14	16	11,12	
	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
D3X9QK - 5840		PowerPlex® Fusion 5C				
3	16,16	18,27	11,14	16,16	11,12	
	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24	9,12	13,19		6,9	8,10
	18,19					
DCVGTC - 5840		GlobalFiler™				
3	16	18,27	11,14	16	11,12	
	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					

TABLE 1

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

## Item 3 - STR Results

DJRLTL - 5840	GlobalFiler™ Express					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
DJXKZL - 5840	PowerPlex® 5C					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24	9,12	13,19		6,9	8,10
	18,19					
DXLMHE - 5840	GlobalFiler™ Express, GlobalFiler					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					
E9JMVH - 5842	PowerPlex® Fusion 5C					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24	9,12	13,19		6,9	8,10
	18,19	no results				
ECRLUJ - 5842	GlobalFiler™ Express					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
EGA9ZF - 5840	GlobalFiler™ Express PCR Amplification Kit (GeneMapper ID-X 1.6)					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19	-			-	
ELF8TA - 5840	GlobalFiler™ Express					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					

TABLE 1

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

## Item 3 - STR Results

ELJLHE - 5841		GlobalFiler™ Express				
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					
EN8XGK - 5842		Identifiler® Plus				
		18,27		16	11,12	
3	10,11	10,15			10,11	9,11
	13,27	13,14	29,31.2		X	11,12
	24				6,9	8,10
	18,19					
EQEFFF - 5840		GlobalFiler™ GF50				
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
EVJURE - 5840		GlobalFiler™				
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
F6N27E - 5840		GlobalFiler™ Express				
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
F8UJ6A - 5841		PowerPlex® 5C				
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24	9,12	13,19		6,9	8,10
	18,19					
FD9KWE - 5841		GlobalFiler™ Express				
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					

TABLE 1

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

## Item 3 - STR Results

FEZJBC - 5840	GlobalFiler™					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					
FGYY6A - 5842	GlobalFiler™ Express					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					
FMJURC - 5842	PowerPlex® Fusion 6C					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24	9,12	13,19	29.2,32.2	6,9	8,10
	18,19					
FQ87QH - 5842	GlobalFiler™ Express					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
FTHBYJ - 5840	NGM SElect					
	16,16	18,27	11,14	16,16		
3		10,15	13,16	18,19		9,11
	13,27	13,14	29,31.2	11,16	X,X	
	24,24			29.2,32.2	6,9	
	18,19					
FYF96B - 5842	GlobalFiler™ Express					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					
G4MNYC - 5840	PowerPlex® Fusion 6C					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24	9,12	13,19	29.2,32.2	6,9	8,10
	18,19					

TABLE 1

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

Item 3 - STR Results

G9TC9E - 5842		PowerPlex® Fusion 5C				
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24	9,12	13,19		6,9	8,10
	18,19					
GA4EVD - 5840		GlobalFiler™ Express PCR Amplification Kit				
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	XX	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					
GJ4L4D - 5840		PowerPlex® Fusion				
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24	9,12	13,19		6,9	8,10
	18,19					
GQJP48 - 5842		PowerPlex® Fusion 5C				
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24	9,12	13,19		6,9	8,10
	18,19	No Results				
GX892F - 5841		GlobalFiler™				
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,>26	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
H4W8TF - 5840		PowerPlex® Fusion 5C				
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	XX	11,12
	24,24	9,12	13,19		6,9	8,10
	18,19					
HKJK88 - 5840		GlobalFiler™ Express, GlobalFiler				
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	XX	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					



TABLE 1

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

## Item 3 - STR Results

HKR3L8 - 5841	GlobalFiler™					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
HM8W7D - 5840	Investigator® 24plex GO!					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
HZ9VTA - 5840	GlobalFiler™ Express PCR Amplification Kit					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	XX	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					
J36GNE - 5842	GlobalFiler™ Express					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	XX	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
J3FBZF - 5842	Identifiler® Plus					
		18,27		16	11,12	
3	10,11	10,15			10,11	9,11
	13,27	13,14	29,31.2		X	11,12
	24				6,9	8,10
	18,19					
J7FLWF - 5842	Identifiler® Plus					
		18,27		16	11,12	
3	10,11	10,15			10,11	9,11
	13,27	13,14	29,31.2		X	11,12
	24				6,9	8,10
	18,19					
JC7V7E - 5841	GlobalFiler™ Express					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	XX	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					

TABLE 1

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

## Item 3 - STR Results

JRXT9A - 5840		GlobalFiler™ Express PCR Amplification Kit				
3	16,16	18,27	11,14	16,16	11,12	
	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					
JW38J8 - 5842		GlobalFiler™ Express				
3	16	18,27	11,14	16	11,12	
	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
K2EWTD - 5840		GlobalFiler™				
3	16,16	18,27	11,14	16,16	11,12	
	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					
KAGRG7 - 5842		GlobalFiler™ Express				
3	16	18,27	11,14	16	11,12	
	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
KHCWA8 - 5840		PowerPlex® Fusion 6C				
3	16,16	18,27	11,14	16,16	11,12	
	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24	9,12	13,19	29.2,32.2	6,9	8,10
	18,19					
KJLYW7 - 5840		PowerPlex® Fusion 5C				
3	16,16	18,27	11,14	16,16	11,12	
	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24	9,12	13,19		6,9	8,10
	18,19					
KK3VN6 - 5841		PowerPlex® Fusion 5C				
3	16	18,27	11,14	16	11,12	
	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24	9,12	13,19		6,9	8,10
	18,19					

TABLE 1

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

## Item 3 - STR Results

KQQJB - 5840

	16,16	18,27		16,16	11,12	18,19
3	10,11	10,15		18,19	10,11	9,11
	13,27,28	13,14	29,31.2		X,X	11,12
	24,24	9,12	13,19		6,9	8,10
	18,19					

KR2HF6 - 5840 PowerPlex® Fusion 6C

	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24	9,12	13,19	29.2,32.2	6,9	8,10
	18,19					

KZVN97 - 5840 GlobalFiler™

	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					

LBJ48D - 5842 Identifiler® Plus

		18,27		16	11,12	
3	10,11	10,15			10,11	9,11
	13,27	13,14	29,31.2		X	11,12
	24				6,9	8,10
	18,19					

LEYYNB - 5841 GlobalFiler™ Express

	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					

LQB2A9 - 5840 GlobalFiler™ Express PCR Amplification Kit

	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					

LYGBX2 - 5842 PowerPlex® Fusion 5C

	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24	9,12	13,19		6,9	8,10
	18,19					

TABLE 1

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

## Item 3 - STR Results

M8BGQ3 - 5841	GlobalFiler™ Direct					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
MBQFU3 - 5841	PowerPlex® Fusion 5C					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24	9,12	13,19		6,9	8,10
	18,19					
MHFJ96 - 5840	GlobalFiler™ Express PCR Amplification kit (GeneMapper ID-X 1.6)					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19	-			-	
MK4V8B - 5840	PowerPlex® Fusion 5C					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24	9,12	13,19		6,9	8,10
	18,19					
MQU6GA - 5842	Identifiler® Plus					
		18,27		16	11,12	
3	10,11	10,15			10,11	9,11
	13,27	13,14	29,31.2		X	11,12
	24				6,9	8,10
	18,19					
MT7PV3 - 5841	PowerPlex® Fusion 5C					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24	9,12	13,19		6,9	8,10
	18,19					
MWXBWC - 5842	Identifiler® Plus					
		18,27		16	11,12	
3	10,11	10,15			10,11	9,11
	13,27	13,14	29,31.2		X	11,12
	24				6,9	8,10
	18,19					

TABLE 1

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

## Item 3 - STR Results

MXG3D2 - 5840	PowerPlex® Fusion					
		16,16	18,27	11,14	16,16	11,12
3		10,11	10,15	13,16	18,19	9,11
		13,27	13,14	29,31.2	11,16	X,X
		24,24	9,12	13,19		6,9
		18,19				8,10
MYPABB - 5841	GlobalFiler™ Express					
		16,16	18,27	11,14	16,16	11,12
3		10,11	10,15	13,16	18,19	9,11
		13,27	13,14	29,31.2	11,16	X,X
		24,24			29.2,32.2	6,9
		18,19				8,10
NCTX74 - 5842	PowerPlex® Fusion 6C					
		16,16	18,27	11,14	16,16	11,12
3		10,11	10,15	13,16	18,19	9,11
		13,27	13,14	29,31.2	11,16	X,X
		24,24	9,12	13,19	29.2,32.2	6,9
		18,19				8,10
NEKWK2 - 5841	PowerPlex® Fusion 5C					
		16	18,27	11,14	16	11,12
3		10,11	10,15	13,16	18,19	9,11
		13,27	13,14	29,31.2	11,16	X
		24	9,12	13,19		6,9
		18,19				8,10
NM6FA2 - 5840	GlobalFiler™ Express					
		16,16	18,27	11,14	16,16	11,12
3		10,11	10,15	13,16	18,19	9,11
		13,27	13,14	29,31.2	11,16	X,X
		24,24			29.2,32.2	6,9
		18,19				8,10
P2UVU2 - 5840	GlobalFiler™ Express					
		16,16	18,27	11,14	16,16	11,12
3		10,11	10,15	13,16	18,19	9,11
		13,27	13,14	29,31.2	11,16	X,X
		24,24			29.2,32.2	6,9
		18,19				8,10
PGTRA6 - 5840	GlobalFiler™ Express PCR Amplification kit					
		16,16	18,27	11,14	16,16	11,12
3		10,11	10,15	13,16	18,19	9,11
		13,27	13,14	29,31.2	11,16	X,X
		24,24			29.2,32.2	6,9
		18,19				8,10

TABLE 1

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

Item 3 - STR Results

PMK2J4 - 5840	GlobalFiler™ Express PCR Amplification Kit					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					
PWW7X8 - 5842	GlobalFiler™ Express					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
PYM6C7 - 5840	PowerPlex® 21					
	16,16	18,27		16,16	11,12	18,19
3	10,11	10,15		18,19	10,11	9,11
	13,27	13,14	29,31.2		X,X	11,12
	24,24	9,12	13,19		6,9	8,10
	18,19					
Q74ZTZ - 5842	GlobalFiler™ Express					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
QBLK88 - 5840	GlobalFiler™					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					
QLZP2X - 5840	GlobalFiler™ Express					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					
QQRLB3 - 5840	GlobalFiler™					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					

TABLE 1

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

## Item 3 - STR Results

QRJKPZ - 5840	PowerPlex® Fusion 5C					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24	9,12	13,19		6,9	8,10
	18,19					
QT7B87 - 5841	GlobalFiler™ Express					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					
QW7M37 - 5841	GlobalFiler™ Express					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					
QZ44FZ - 5840	GlobalFiler™					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					
R7VFH2 - 5840	GlobalFiler™ Express					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
RAJRG8 - 5840	GlobalFiler™ Express					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					
RHRLBZ - 5842	PowerPlex® Fusion 6C					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24	9,12	13,19	29.2,32.2	6,9	8,10
	18,19					

TABLE 1

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

## Item 3 - STR Results

RQ86VY - 5840	PowerPlex® Fusion 5C					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24	9,12	13,19		6,9	8,10
	18,19					
RZ9PV8 - 5842	GlobalFiler™ Express					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
TJZYT2 - 5840	PowerPlex®					
	16,16	18,27		16,16	11,12	18,19
3	10,11	10,15		18,19	10,11	9,11
	13,27	13,14	29,31.2		X,X	11,12
	24,24	9,12	13,19		6,9	8,10
	18,19					
TQC62Z - 5840	GlobalFiler™ Express PCR Amplification Kit (GeneMapper™ ID-X v1.6)					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19	-			-	
TWLXDW - 5840	NGM SElectExpress					
	16,16	18,27	11,14	16,16		
3	10,11	10,15	13,16	18,19		9,11
	13,27	13,14	29,31.2	11,16	X,X	
	24,24			29.2,32.2	6,9	
	18,19					
U4W7WX - 5840	GlobalFiler™ Express, GLOBALFILER					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					
U7KHW3 - 5840	GlobalFiler™					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					



TABLE 1

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

## Item 3 - STR Results

U97JEV - 5841	GlobalFiler™ Express					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					
UDBZFY - 5840	GlobalFiler™					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
UETCQV - 5842	PowerPlex® Fusion 5C					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24	9,12	13,19		6,9	8,10
	18,19	NR				
UFGQXU - 5842	PowerPlex® Fusion 5C					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24	9,12	13,19		6,9	8,10
	18,19					
UJGJZ - 5840	GlobalFiler™ Express PCR Amplification Kit					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					
UM9TJ6 - 5842	Identifiler® Plus					
		18,27		16	11,12	
3	10,11	10,15			10,11	9,11
	13,27	13,14	29,31.2		X	11,12
	24				6,9	8,10
	18,19					
UQGUAW - 5841	PowerPlex® Fusion 5C					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24	9,12	13,19		6,9	8,10
	18,19					

TABLE 1

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

## Item 3 - STR Results

UWAFB3 - 5841		GlobalFiler™ Express				
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					
V6WE7U - 5840		PowerPlex® Fusion 5C				
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24	9,12	13,19		6,9	8,10
	18,19					
VE9TJ4 - 5840		GlobalFiler™				
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					
VK7PPU - 5842		GlobalFiler™ Express				
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					
VLKPTW - 5842		PowerPlex® Fusion 6C				
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24	9,12	13,19	29.2,32.2	6,9	8,10
	18,19					
VN92R3 - 5842		GlobalFiler™ Express				
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
VNAFBZ - 5841		GlobalFiler™				
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,>26	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					

TABLE 1

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

## Item 3 - STR Results

VTPNYY - 5840		GlobalFiler™ Express PCR Amplification Kit				
3	16,16	18,27	11,14	16,16	11,12	
	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					
VW7XV - 5842		PowerPlex® Fusion 5C				
3	16	18,27	11,14	16	11,12	
	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24	9,12	13,19		6,9	8,10
	18,19	NR				
VWD983 - 5842		GlobalFiler™ Express				
3	16	18,27	11,14	16	11,12	
	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
VXKHW2 - 5842		PowerPlex® Fusion 5C				
3	16	18,27	11,14	16	11,12	
	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24	9,12	13,19		6,9	8,10
	18,19	NR				
W869WX - 5840		GlobalFiler™ Express PCR Amplification Kit				
3	16,16	18,27	11,14	16,16	11,12	
	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24			29.2,32.2	6,9	8,9
	18,19					
WATKV4 - 5840		PowerPlex® Fusion 5C				
3	16,16	18,27	11,14	16,16	11,12	
	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24	9,12	13,19		6,9	8,10
	18,19					
WBB8NR - 5842		PowerPlex® Fusion 6C				
3	16	18,27	11,14	16	11,12	
	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24	9,12	13,19	29.2,32.2	6,9	8,10
	18,19	no results	no results	no results		

TABLE 1

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

## Item 3 - STR Results

WFNKDX - 5842	Identifiler®, PowerPlex® 16, PowerPlex® Fusion 6C					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24	9,12	13,19	29.2,32.2	6,9	8,10
	18,19	0	0	0		
WK4R2X - 5840	GlobalFiler™ Express					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
WMHGW2 - 5840	PowerPlex® Fusion 5C					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	XX	11,12
	24,24	9,12			6,9	8,10
	18,19					
WN44WX - 5840	GlobalFiler™ Express					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
WQRFV3 - 5840	GlobalFiler™ Express					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	XX	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					
WTNBQX - 5841	GlobalFiler™ Express					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	XX	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					
X78FCY - 5841	GlobalFiler™ Express					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	XX	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					

TABLE 1

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

## Item 3 - STR Results

XDWLYZ - 5842		GlobalFiler™ Express				
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
XHWE32 - 5840		PowerPlex® Fusion 5C				
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	XX	11,12
	24,24	9,12	13,19		6,9	8,10
	18,19					
XMR7BX - 5841		GlobalFiler™				
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	XX	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					
XZC7VZ - 5842		GlobalFiler™ Express				
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
YG6HFT - 5840		GlobalFiler™ Express				
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	XX	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					
YGTN4R - 5842		GlobalFiler™ Express				
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
YK4UCT - 5840		GlobalFiler™ Express				
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	XX	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					

TABLE 1

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

## Item 3 - STR Results

YT8L9V - 5840	PowerPlex® Fusion					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24	9,12	13,19		6,9	8,10
	18,19					
YXHYQU - 5840	GlobalFiler™					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
YZ7BPY - 5842	PowerPlex® Fusion 6C					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	XX	11,12
	24,24	9,12	13,19	29.2,32.2	6,9	8,10
	18,19					
Z3RC8T - 5842	PowerPlex® Fusion 6C					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24	9,12	13,19	29.2,32.2	6,9	8,10
	18,19					
Z6FN8X - 5842	GlobalFiler™ Express					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
Z8DJ3R - 5840	GlobalFiler™ Express PCR Amplification Kit					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	XX	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					
Z9NLNQ - 5840	GlobalFiler™ Express, GlobalFiler					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	XX	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					

TABLE 1

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

## Item 3 - STR Results

ZF469Q - 5842	Verifiler Express, Fusion, HDplex, ForenSeq					
	16,16	18,27	11,14	16,16	11,12	18,19
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24	9,12	13,19	29.2,32.2	6,9	8,10
	18,19					
ZFYT8P - 5840	GlobalFiler™					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
ZKC48R - 5840	PowerPlex® Fusion 6C					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24	9,12	13,19	29.2,32.2	6,9	8,10
	18,19					
ZN8X6T - 5840	GlobalFiler™					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
ZQYWJR - 5842	GlobalFiler™ Express					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24			29.2,32.2	6,9	8,10
	18,19					
ZUNKBP - 5840	GlobalFiler™ Express					
	16,16	18,27	11,14	16,16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X,X	11,12
	24,24			29.2,32.2	6,9	8,10
	18,19					
ZWCWBV - 5841	PowerPlex® Fusion 6C					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24	9,12	13,19	29.2,32.2	6,9	8,10
	18,19	NR	NR	NR		

TABLE 1

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

Item 3 - STR Results

ZYT2CT - 5842	PowerPlex® Fusion 6C					
	16	18,27	11,14	16	11,12	
3	10,11	10,15	13,16	18,19	10,11	9,11
	13,27	13,14	29,31.2	11,16	X	11,12
	24	9,12	13,19	29.2,32.2	6,9	8,10
	18,19					



# YSTR Amplification Kit(s) & Results

TABLE 2

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

## Item 1 - YSTR Results

3VTRQN - 5842	Yfiler®, PowerPlex® Fusion 5C								
1	NR	NR,NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR

3YT4MN - 5842	Yfiler®								
1	NR	NR,NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR

8E9RMK - 5840	Yfiler®								
1	[REDACTED]								

AEHG2G - 5842	Yfiler®								
1	NR	NR,NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR

BH8KQF - 5842	PowerPlex® Y 23								
1	[REDACTED]								

FEZJBC - 5840	Yfiler®								
1	[REDACTED]								

H4W8TF - 5840	PowerPlex® Y 23								
1	[REDACTED]								

MYPABB - 5841	Yfiler®								
1	[REDACTED]								

UETCQV - 5842	Yfiler®								
1	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR

UWAFB3 - 5841	Yfiler®								
1	[REDACTED]								

VK7PPU - 5842	PowerPlex® Y 23								
1	[REDACTED]								

TABLE 2

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

Item 1 - YSTR Results

VW7XV - 5842	Yfiler®								
1		NR	NR, NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR		
							NR		NR
WFNKDX - 5842	Yfiler®								
1		0	0	0	0	0	0	0	0
		0	0	0	0	0	0		
							0		0
X78FCY - 5841	Yfiler®								
1		[REDACTED]							
XHWE32 - 5840	PowerPlex® Y 23								
1		[REDACTED]							
XZ97NR - 5842	PowerPlex® Y 23								
1		[REDACTED]							
YG6HFT - 5840	Yfiler®								
1		[REDACTED]							
ZF469Q - 5842	Yfiler® Plus								
1		[REDACTED]							



TABLE 2

WebCode - Test		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
<b>Item 2 - YSTR Results</b>									
C96ETH - 5840	Yfiler® Plus PCR Amplification Kit								
2	36,37	15	11,15	13	29	25	11	13	13
	15	12	11	19	29	15	16	11	21
	35	12		17	17	23	24		12
EGA9ZF - 5840	Yfiler® Plus PCR Amplification Kit								
2	36,37	15	11,15	13	29	25	11	13	13
	15	12	11	19	29	15	16	11	21
	35	12		17	17	23	24		12
ELF8TA - 5840	Yfiler® Plus								
2	36,37	15	11,15	13	29	25	11	13	13
	15	12	11	19	29	15	16	11	21
	35	12		17	17	23	24		12
EQEFFF - 5840	Yfiler® Yfiler™ Plus, YP16								
2	36,37	15	11,15	13	29	25	11	13	13
	15	12	11	19	29	15	16	11	21
	35	12		17	17	23	24		12
F8UJ6A - 5841	PowerPlex® Y 23								
2		15	11,15	13	29	25	11	13	13
		15	12	11	19	15	16		21
		12	13	17	17		24	10	12
FEZJBC - 5840	Yfiler®								
2		15	11,15	13	29	25	11	13	13
		15	12	11	19	15	16		
							24		12
FTHBYJ - 5840	Yfiler® Plus								
2	36,37	15	11,15	13	29	25	11	13	13
	15	12	11	19	29	15	16	11	21
	35	12		17	17	23	24		12
GA4EVD - 5840	Yfiler® Plus PCR Amplification Kit								
2	36,37	15	11,15	13	29	25	11	13	13
	15	12	11	19	29	15	16	11	21
	35	12		17	17	23	24		12
GQJP48 - 5842	PowerPlex® Y 23								
2		15	11,15	13	29	25	11	13	13
		15	12	11	19	15	16		21
		12	13	17	17		24	10	12
H4W8TF - 5840	PowerPlex® Y 23								
2		15	11,15	13	29	25	11	13	13
		15	12	11	19	15	16		21
		12	13	17	17		24	10	12
HKR3L8 - 5841	Yfiler®								
2		15	11,15	13	29	25	11	13	13
		15	12	11	19	15	16		
							24		12
HZ9VTA - 5840	Yfiler® Plus PCR Amplification Kit								
2	36,37	15	11,15	13	29	25	11	13	13
	15	12	11	19	29	15	16	11	21
	35	12		17	17	23	24		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 2 - YSTR Results</b>									
JRXT9A - 5840	Yfiler® Plus								
2	36,37	15	11,15	13	29	25	11	13	13
	15	12	11	19	29	15	16	11	21
	35	12		17	17	23	24		12
K2EWD - 5840	Yfiler® Plus								
2	36,37	15	11,15	13	29	25	11	13	13
	15	12	11	19	29	15	16	11	21
	35	12		17	17	23	24		12
LQB2A9 - 5840	Yfiler® Plus PCR Amplification Kit								
2	36,37	15	11,15	13	29	25	11	13	13
	15	12	11	19	29	15	16	11	21
	35	12		17	17	23	24		12
LYGBX2 - 5842	PowerPlex® Y 23								
2		15	11,15	13	29	25	11	13	13
		15	12	11	19	15	16		21
		12	13	17	17		24	10	12
MHFJ96 - 5840	Yfiler® Plus PCR Amplification Kit								
2	36,37	15	11,15	13	29	25	11	13	13
	15	12	11	19	29	15	16	11	21
	35	12		17	17	23	24		12
MYPABB - 5841	Yfiler®								
2		15	11,15	13	29	25	11	13	13
		15	12	11	19	15	16		
							24		12
NCTX74 - 5842	PowerPlex® Y 23								
2		15	11,15	13	29	25	11	13	13
		15	12	11	19	15	16		21
		12	13	17	17		24	10	12
NEKWK2 - 5841	PowerPlex® Y 23								
2		15	11,15	13	29	25	11	13	13
		15	12	11	19	15	16		21
		12	13	17	17		24	10	12
P2UVU2 - 5840	Yfiler® Plus								
2	36,37	15	11,15	13	29	25	11	13	13
	15	12	11	19	29	15	16	11	21
	35	12		17	17	23	24		12
PGTRA6 - 5840	Yfiler® Plus PCR Amplification kit								
2	36,37	15	11,15	13	29	25	11	13	13
	15	12	11	19	29	15	16	11	21
	35	12		17	17	23	24		12
PMK2J4 - 5840	Yfiler® Plus PCR Amplification Kit								
2	36,37	15	11,15	13	29	25	11	13	13
	15	12	11	19	29	15	16	11	21
	35	12		17	17	23	24		12
QBLK88 - 5840	Yfiler® Plus								
2		15	11,15	13	29	25	11	13	13
		15	12	11	19	15	16		21
		12	13	17	17		24	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 2 - YSTR Results</b>									
QLZP2X - 5840	Yfiler® Plus								
2	36,37	15	11,15	13	29	25	11	13	13
	15	12	11	19	29	15	16	11	21
	35	12		17	17	23	24		12
TQC62Z - 5840	Yfiler® Plus PCR Amplification Kit								
2	36,37	15	11,15	13	29	25	11	13	13
	15	12	11	19	29	15	16	11	21
	35	12		17	17	23	24		12
U7KHW3 - 5840	Yfiler® Plus								
2	36,37	15	11,15	13	29	25	11	13	13
	15	12	11	19	29	15	16	11	21
	35	12		17	17	23	24		12
UETCQV - 5842	Yfiler®								
2		15	11,15	13	29	25	11	13	13
		15	12	11	19	15	16		
							24		12
UJKGJZ - 5840	Yfiler® Plus PCR Amplification Kit								
2	36,37	15	11,15	13	29	25	11	13	13
	15	12	11	19	29	15	16	11	21
	35	12		17	17	23	24		12
UQGUAW - 5841	PowerPlex® Y 23								
2		15	11,15	13	29	25	11	13	13
		15	12	11	19	15	16		21
			12	13	17	17	24	10	12
UWAFB3 - 5841	Yfiler®								
2		15	11,15	13	29	25	11	13	13
		15	12	11	19	15	16		
							24		12
VK7PPU - 5842	PowerPlex® Y 23								
2		15	11,15	13	29	25	11	13	13
		15	12	11	19	15	16		21
			12	13	17	17	24	10	12
VTPNYY - 5840	Yfiler® Plus PCR Amplification Kit								
2	36,37	15	11,15	13	29	25	11	13	13
	15	12	11	19	29	15	16	11	21
	35	12		17	17	23	24		12
VW7XV - 5842	Yfiler®								
2		15	11,15	13	29	25	11	13	13
		15	12	11	19	15	16		
							24		12
W869WX - 5840	Yfiler® Plus PCR Amplification Kit								
2	36,37	15	11,15	13	29	25	11	13	13
	15	12	11	19	29	15	16	11	21
	35	12		17	17	23	24		12
WBB8NR - 5842	PowerPlex® Y 23								
2		15	11,15	13	29	25	11	13	13
		15	12	11	19	15	16		21
			12	13	17	17	24	10	12

TABLE 2

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

Item 2 - YSTR Results

WFNKDX - 5842	Yfiler®								
2	15	11,15	13	29	25	11	13	13	
	15	12	11	19	15	16			
						24			12
X78FCY - 5841	Yfiler®								
2	15	11,15	13	29	25	11	13	13	
	15	12	11	19	15	16			
						24			12
XHWE32 - 5840	PowerPlex® Y 23								
2	15	11,15	13	29	25	11	13	13	
	15	12	11	19	15	16			21
		12	13	17	17	24	10		12
XZ97NR - 5842	PowerPlex® Y 23								
2	15	11,15	13	29	25	11	13	13	
	15	12	11	19	15	16			21
		12	13	17	17	24	10		12
YG6HFT - 5840	Yfiler®								
2	15	11,15	13	29	25	11	13	13	
	15	12	11	19	15	16			
						24			12
YT8L9V - 5840	Yfiler®								
2	15	11,15	13	29	25	11	13	13	
	15	12	11	19	15	16			
						24			12
Z8DJ3R - 5840	Yfiler® Plus PCR Amplification Kit								
2	36,37	15	11,15	13	29	25	11	13	13
	15	12	11	19	29	15	16	11	21
	35	12		17	17	23	24		12
ZF469Q - 5842	Yfiler® Plus								
2	36,37	15	11,15	13	29	25	11	13	13
	15	12	11	19	29	15	16	11	21
	35	12	13	17	17	23	24	10	12

TABLE 2

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

Item 3 - YSTR Results

3VTRQN - 5842	Yfiler®, PowerPlex® Fusion 5C								
3	NR	NR,NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
							NR		NR
3YT4MN - 5842	Yfiler®								
3	NR	NR,NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
							NR		NR
8E9RMK - 5840	Yfiler®								
3	[Redacted]								
AEHG2G - 5842	Yfiler®								
3	NR	NR,NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
							NR		NR
BH8KQF - 5842	PowerPlex® Y 23								
3	[Redacted]								
FEZJBC - 5840	Yfiler®								
3	[Redacted]								
H4W8TF - 5840	PowerPlex® Y 23								
3	[Redacted]								
MYPABB - 5841	Yfiler®								
3	[Redacted]								
UETCQV - 5842	Yfiler®								
3	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
							NR		NR
UWAFB3 - 5841	Yfiler®								
3	[Redacted]								
VK7PPU - 5842	PowerPlex® Y 23								
3	[Redacted]								
VW7XV - 5842	Yfiler®								
3	NR	NR,NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
							NR		NR



TABLE 2

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

Item 3 - YSTR Results

WFNKDX - 5842	Yfiler®								
3		0	0	0	0	0	0	0	0
		0	0	0	0	0	0		
							0		0
X78FCY - 5841	Yfiler®								
3									
XHWE32 - 5840	PowerPlex® Y 23								
3									
XZ97NR - 5842	PowerPlex® Y 23								
3									
YG6HFT - 5840	Yfiler®								
3									

## Additional DNA Results

TABLE 3

Additional DNA results found to be concordant at a pre-existing locus are retained solely within the applicable tables. Non-concordant results and results for loci not found elsewhere will remain in this table.

<b>Locus</b>	<b>WebCode - Test</b>	<b>Item 1</b>	<b>Item 2</b>	<b>Item 3</b>
D10S2325	ZF469Q - 5842	7,10	7,9	7,15
D17S1301	ZF469Q - 5842	12,13	11,11	13,13
D18S51	PYM6C7 - 5840			28
D20S483	ZF469Q - 5842	14,15	14,14	12,16
D2S1360	ZF469Q - 5842	21,25	22,27	22,22
D3S1744	ZF469Q - 5842	17,19	15,16	16,19
D4S2366	ZF469Q - 5842	12,14	9,13	9,13
D4S2408	ZF469Q - 5842	8,10	10,10	8,9
D5S2500	ZF469Q - 5842	12,17	11,16	14,15
D6S474	ZF469Q - 5842	13,13	13,16	14,15
D7S1517	ZF469Q - 5842	19,24	24,25	19,19
D8S1132	ZF469Q - 5842	17,18	18,22	21,23
D9S1122	ZF469Q - 5842	12,12	12,13	10,13

# Additional Comments

## TABLE 4

WebCode - Test	Additional Comments
2A7L9U - 5842	Sample 3 was re-extracted and amped using GlobalFiler reagents with 100% concordant results.
2YN2PX - 5842	DNA interpretations not reported; samples analyzed for database purposes only.
3VHXEM - 5840	NR-No Result
3VTRQN - 5842	NR = No results. PowerPlex Fusion and Yfiler testing was performed on Items 1, 2, and 3. Results were concordant at overlapping locus DYS391.
3YT4MN - 5842	PowerPlex Fusion 5C and Yfiler was performed on Item 1, Item 2 and Item 3. Results were concordant at DYS391.
4EEN9V - 5842	Analysis conducted using manual methods.
4VPR4T - 5840	Analytical Threshold: 130 rfu. Peak Height Ratio (%):60%. Stochastic Threshold (Peak Amplitude): 130 rfu.
6L8FUU - 5842	DNA interpretations not reported; samples analyzed for database purposes only
8ADZFN - 5840	Item 1 Individual 1 is sample 202101518. Item 2 Individual 2 is sample 202101519. Item 3 Individual 3 is sample 202101520.
9FPGPP - 5842	DNA interpretations not reported; samples analyzed for database purposes only.
9Y4THF - 5840	NR = No Result
AEHG2G - 5842	Item 1, Item 2, and Item 3 were all tested in both Fusion 5C and Yfiler kits, which both contain locus DYS391. Results at this locus were concordant between kits for each sample tested.
BCP86L - 5842	Analytical Threshold: 130 rfu. Peak Height Ratio (%):60%. Stochastic Threshold (Peak Amplitude): 130 rfu.
BWWEJK - 5841	NR = NO RESULTS. SAMPLES WERE ALSO TESTED USING POWERPLEX FUSION. POWERPLEX FUSION 6C RESULTS WERE USED FOR SUBMISSION.
CET3NN - 5840	For Item 2, the allele at Yindel was below the peak detection threshold. Sample was reported with drop-out at Yindel because this locus is not required for individualization/databasing purposes according to our laboratory policies.
DJRLTL - 5840	Sample distribution not homogenous. Not realistic imitation of buccal sample on FTA.
E9JMVH - 5842	Items 1-3 were tested and charted using the PCR-based Promega Powerplex Fusion 5C System. All evidence will be retained at [Laboratory Name] until the proficiency results are confirmed, at which point the evidence will be discarded.
ELJLHE - 5841	The Y indel is not analyzed by the database laboratory; therefore, Y indel results are not reported.
FD9KWE - 5841	Y indel is not analyzed by [Laboratory Name], therefore Y indel results are not reported.
GQJP48 - 5842	Samples labeled Item 1, Item 2, and Item 3 were tested and charted using the PCR-based Promega PowerPlex Fusion 5C System. Sample labeled Item 2 was tested and charted using the PCR-based Promega PowerPlex Y23 System. All evidence will be retained at [Laboratory Name] until the proficiency results are confirmed, at which point the evidence will be discarded.
GX892F - 5841	All samples are analyzed using the standard CODIS core expanded loci ranges. Therefore, item 3 locus D18S51 is reported as ">26" to reflect how this sample would be imported into the CODIS database.
HKR3L8 - 5841	Items 1 and 2 were not tested for Y-STR's due to no male DNA being detected using Quantifiler Trio.
KQQJJB - 5840	Item 3 - Elevated stutter/extra peak confirmed at D18 allele [28]

TABLE 4

WebCode - Test	Additional Comments
LYGBX2 - 5842	Samples labeled Item 1, Item 2, and Item 3 were tested and charted using the PCR-based Promega PowerPlex Fusion 5C System. Sample labeled Item 2 was tested and charted using the PCR-based Promega PowerPlex Y23 System. All evidence will be retained at [Laboratory Name] until the proficiency results are confirmed, at which point the evidence will be discarded.
MXG3D2 - 5840	Our laboratory does not do Y-STR testing.
PYM6C7 - 5840	High stutter peak on homozygote at D18S51[28] noted
RAJRG8 - 5840	DNA Interpretations Not Reported: samples analyzed for database purposes only.
RHRLBZ - 5842	Proficiency test for extraction and quantification only.
TJZYT2 - 5840	Item 3 has a high post stutter @D18[28] which is confirmed on two separate amplifications.
U4W7WX - 5840	GF PTS SAMPLES CHECKED AND MATCHED FOR A.
U97JEV - 5841	Y Indel is not analyzed by Database Laboratory; therefore, Y indel results are not reported.
UETCQV - 5842	Results were concordant in both Fusion and YFiler at locus DYS391 for all samples.
UFGQXU - 5842	Samples leveled Item 1, Item 2, and Item 3 were charted using PCR-based Promega PowerPlex Fusion 5C System. All evidence will be retained at [Laboratory Name] until the proficiency results are confirmed, at which point the evidence will be discarded.
VNAFBZ - 5841	The [Laboratory Name] analysis procedure uses the FBI CODIS Locus stops for reporting alleles. For alleles greater than or less than these stops the allele will be called as greater than or less than the relevant locus largest or smallest allele. Item 3 locus D18S51 is called as >26 per this procedure.
VW7XV - 5842	Fusion and Y-Filer were performed on all items. Results were concordant at DYS391.
WBB8NR - 5842	Items 1-3 were tested and charted using the PCR-based Promega Powerplex Fusion 6C System. Item 2 was also tested and charted using the PCR-based Promega Powerplex Fusion Y23 System. All evidence will be retained at [Laboratory Name] until the proficiency results are confirmed, at which point the evidence will be discarded.
WMHGW2 - 5840	Automated extractions of Items 1 and 3 were attempted three times and usable profiles were not obtained. The laboratory maintains a manual extraction method, but the reporting technician is not competency tested to perform this extraction method.
WQRFV3 - 5840	Y STRs not tested. Profile quality was very inconsistent.
WTNBQX - 5841	Y indel is not analyzed by the database laboratory; therefore, Y indel are not reported
XMR7BX - 5841	Analytical Threshold: 130 rfu. Peak Height Ratio (%):60%. Stochastic Threshold (Peak Amplitude): 130 rfu.
ZWCWBV - 5841	NR indicates no results were obtained for that locus

-End of Report-  
(Appendix may follow)

Collaborative Testing Services ~ Forensic Testing Program

**Test No. 21-5840: DNA Database - Saliva**

DATA MUST BE SUBMITTED BY **April 5, 2021, 11:59 p.m.** TO BE INCLUDED IN THE REPORT

Participant Code: U1234A

WebCode: R4BQXP

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

**Scenario:**

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

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

**Items Submitted (Sample Pack DBF1 - FTA Indicating Micro Card):**

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

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

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











## Part 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)