



DNA Database - Saliva Test No. 17-5840/1/2 Summary Report

This proficiency test was sent to 178 participants. Each participant received a sample pack consisting of three buccal saliva standards which they were requested to analyze using their existing protocols. Data were returned from 140 participants (79% response rate) and are compiled into the following tables:

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

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

Manufacturer's Information

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

SAMPLE PREPARATION: All substrates were prepared from human buccal cheek cells suspended in sterile phosphate-buffered saline solution. The GE Healthcare FTA® Indicating Micro Cards were spotted with 120 μ l of the cell suspension, the Bode Buccal DNA Collectors™ were spotted with 400 μ l of the cell suspension, and the Puritan® Cap-Shure® swabs were spotted with 200 μ l of the cell suspension. Items 1 and 3 were created using different male donors, and Item 2 was created using a female donor. The Items were prepared at separate times and were packaged once they were thoroughly dried. Completed sample sets were stored at -20°C until shipment on January 23, 2017.

SAMPLE SET ASSEMBLY: For each sample set, all three Items (1-3) of the same substrate type were placed in 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 results.

Manufacturer's Information, continued

Amelogenin and STR Results

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

Item	D1S1656	D2S1338	D2S441	D3S1358	D4S2408	D5S818
	D6S1043	D7S820	D8S1179	D9S1122	D10S1248	D12S391
	D13S317	D16S539	D17S1301	D18S51	D19S433	D20S482
	D21S11	D22S1045	Amelogenin	CSF1PO	FGA	Penta D
	Penta E	SE33	TH01	TPOX	vWA	
1	12,16	18,19	11,14	17,17	*	11,12
	*	10,10	13,14	*	12,13	18,22
	11,12	10,13	*	13,14	14,15	*
	32.2,32.2	11,15	X,Y	10,10	20,24	11,12
	5,10	20,26.2	6,8	9,9	17,18	
2	11,14	17,18	10,11	15,15	*	11,13
	*	11,11	10,15	*	13,15	21,24
	11,12	11,11	*	12,16	13,14	*
	28,29	15,17	X,X	12,12	21,24	12,12
	7,10	15,19	9,9.3	8,10	14,16	
3	11,12	17,22	10,14	15,16	*	12,12
	*	11,12	14,15	*	13,16	19,20
	8,11	11,11	*	14,16	13,15	*
	30,31.2	16,16	X,Y	10,14	26,26	12,14
	11,16	15,29.2	6,8	8,8	14,17	

YSTR Results

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

Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	DYS437
	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	DYS505	DYS518
	DYS522	DYS533	DYS549	DYS570	DYS576	DYS612	DYS627	DYS635	DYS643	YGATAH4
1	*	14	11,14	13	29	24	11	13	13	15
	12	12	19	*	15	16	*	22	*	*
	*	12	13	17	18	*	*	23	10	12
3	*	16	12,12	15	30	23	10	11	13	14
	10	12	20	*	14	16	*	23	*	*
	*	12	9	19	17	*	*	21	12	11

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

Summary Comments

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

There were 140 participants that performed STR testing and 43 that performed full YSTR testing.

Of the STR results returned, eight participants reported allelic results that differed from the consensus/predistribution testing results. Six of these participants were missing allele "18" at locus vWA for Item 1, one of these mentioning that the "18" allele did not reach their reporting criteria. The remaining two participants reporting inconsistent results include one participant that reported an additional allele at locus D7S820 for Item 2 and one participant that reported inconsistent alleles at locus D7S820 for Item 3. Another eight participants reported the consensus result of "17,18" at vWA but mentioned in their additional comments that a peak imbalance existed at this locus where the "17" allele was the more prominent of the two peaks.

Of the YSTR results returned, two participants reported results that differed from the consensus/predistribution testing results. One of these participants reported the YSTR profile for Item 3 that the consensus reported belonging to Item 1 and one participant reported two alleles for all YSTR loci

STR Amplification Kit(s) & Results

TABLE 1

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

Item 1 - STR Results

26487Z-5840	GlobalFiler™ Express					
	12,16	18,19	11,14	17		11,12
1		10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	
		20,26.2	6,8	9	17,18	
2JMX63-5840	NGMSElect Express					
	12,16	18,19	11,14	17,17		
1			13,14		12,13	18,22
		10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y		20,24	
		20,26.2	6,8		17,F	
2VGDRH-5840	QIAGEN Investigator GO!					
	12,16	18,19	11,14	17		11,12
1		10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	
		20,26.2	6,8	9	17	
37UVZF-5841	PowerPlex® Fusion 6C					
	12,16	18,19	11,14	17		11,12
1		10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	11,12
	5,10	20,26.2	6,8	9	17,18	
387R86-5840	GlobalFiler™					
	12,16	18,19	11,14	17		11,12
1		10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	
		20,26.2	6,8	9	17,18	
3LPCQY-5840	GlobalFiler™ Express					
	12,16	18,19	11,14	17		11,12
1		10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	
		20,26.2	6,8	9	17,18	

TABLE 1

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

Item 1 - STR Results

3MLT2B-5840	GlobalFiler™ Express PCR Amplification kit					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	
		20,26.2	6,8	9,9	17,18	
3RDXYK-5841	GlobalFiler™ EXPRESS					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	
		20,26.2	6,8	9,9	17,18	
3TAFWF-5842	PowerPlex® Fusion					
	12,16	18,19	11,14	17		11,12
1		10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	11,12
	5,10		6,8	9	17,18	
3TT8XD-5842	Qiagen GO!					
	12,16	18,19	11,14	17		11,12
1		10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	
		20,26.2	6,8	9	17	
3YCKNZ-5842	PowerPlex® Fusion 5C					
	12,16	18,19	11,14	17		11,12
1		10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	11,12
	5,10		6,8	9	17,18	
4AQ2UC-5840	Identifiler® Direct					
		18,19		17,17		11,12
1		10,10	13,14			
	11,12	10,13		13,14	14,15	
	32.2,32.2		X,Y	10,10	20,24	
			6,8	9,9	17,18	
4MZEDX-5840	GlobalFiler™, GlobalFiler™ Express					
	12,16	18,19	11,14	17		11,12
1		10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	
		20,26.2	6,8	9	17,18	

TABLE 1

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

Item 1 - STR Results

4P8RWK-5841	Identifiler® Direct, GlobalFiler™ Express					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	
		20,26.2	6,8	9,9	17,18	
4W3UYV-5841	PowerPlex® Fusion					
	12,16	18,19	11,14	17		11,12
1		10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	11,12
	5,10		6,8	9	17,18	
68MBEA-5840	PowerPlex®					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	11,12
	5,10		6,8	9,9	17,18	
6T33AV-5841	PowerPlex® Fusion 5C					
	12,16	18,19	11,14	17		11,12
1		10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	11,12
	5,10		6,8	9	17,18	
6VQE7F-5840	GlobalFiler™					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	
		20,26.2	6,8	9,9	17,18	
6WJDG9-5840	GlobalFiler™ Express PCR Amplification Kit					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	
		20,26.2	6,8	9,9	17,18	
7N4UW9-5840	PowerPlex® Fusion					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	11,12
	5,10		6,8	9,9	17,18	

TABLE 1

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

Item 1 - STR Results

7WRR3W-5842	PowerPlex® Fusion 5C					
	12,16	18,19	11,14	17		11,12
1	10		13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	11,12
	5,10		6,8	9	17,18	
7XANXT-5840	PowerPlex® Fusion 6C					
	12,16	18,19	11,14	17		11,12
1	10		13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	11,12
	5,10	20,26.2	6,8	9	17,18	
7ZG9LT-5840	PowerPlex® Fusion 5C					
	12,16	18,19	11,14	17		11,12
1	10		13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	11,12
	5,10		6,8	9	17,18	
83ZP97-5840	PowerPlex® Fusion					
	12,16	18,19	11,14	17,17		11,12
1	10,10		13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	11,12
	5,10		6,8	9,9	17,18	
884J6W-5842	PowerPlex® Fusion 5C					
	12,16	18,19	11,14	17		11,12
1	10		13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	11,12
	5,10		6,8	9	17,18	
8BWDEB-5840	PowerPlex® Fusion					
	12,16	18,19	11,14	17,17		11,12
1	10,10		13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	11,12
	5,10		6,8	9,9	17,18	
8XBYBB-5840	PowerPlex® Fusion 5C					
	12,16	18,19	11,14	17,17		11,12
1	10,10		13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	11,12
	5,10		6,8	9,9	17,18	

TABLE 1

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

Item 1 - STR Results

8ZWUP3-5840	PowerPlex® Fusion 5C					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	11,12
	5,10		6,8	9,9	17,18	
93CLDB-5841	PowerPlex® Fusion 6C					
	12,16	18,19	11,14	17		11,12
1		10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	11,12
	5,10	20,26.2	6,8	9	17,18	
962TX8-5840	Identifiler® Direct					
		18,19		17,17		11,12
1		10,10	13,14			
	11,12	10,13		13,14	14,15	
	32.2,32.2		X,Y	10,10	20,24	
			6,8	9,9	17,18	
97Z798-5840	PowerPlex® Fusion					
	12,16	18,19	11,14	17		11,12
1		10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	11,12
	5,10		6,8	9	17,18	
9NZ7BE-5841	GlobalFiler™ Express					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	
		20,26.2	6,8	9,9	17,18	
9U4AZD-5841	Identifiler® Direct, GlobalFiler™ Express					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	
		20,26.2	6,8	9,9	17,18	
A6EWQP-5840	PowerPlex® Fusion 6C					
	12,16	18,19	11,14	17		11,12
1		10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	11,12
	5,10	20,26.2	6,8	9	17,18	

TABLE 1

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

Item 1 - STR Results

AFFAYD-5842	PowerPlex® Fusion					
	12,16	18,19	11,14	17		11,12
1	10		13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	11,12
	5,10		6,8	9	17,18	
AGECU9-5840	QIAGEN Investigator GO!					
	12,16	18,19	11,14	17		11,12
1	10		13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	
		20,26.2	6,8	9	17	
ARBHN8-5842	PowerPlex® Fusion 5C					
	12,16	18,19	11,14	17		11,12
1	10		13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	11,12
	5,10		6,8	9	17,18	
AUGZM3-5840	GlobalFiler™ Express PCR Amplification Kit					
	12,16	18,19	11,14	17,17		11,12
1	10,10		13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	
		20,26.2	6,8	9,9	17,18	
B2CK7A-5840	GlobalFiler™ Express PCR Amplification Kit					
	12,16	18,19	11,14	17,17		11,12
1	10,10		13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	
		20,26.2	6,8	9,9	17,18	
B9DNG2-5842	PowerPlex® PPF 6C					
	12,16	18,19	11,14	17,17		11,12
1	10,10		13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	11,12
	5,10	20,26.2	6,8	9,9	17,18	
BEBG4Q-5842	PowerPlex® Fusion 5C					
	12,16	18,19	11,14	17		11,12
1	10		13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	11,12
	5,10		6,8	9	17,18	

TABLE 1

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

Item 1 - STR Results

BTYCZ2-5840	GlobalFiler™ Express PCR Amplification Kit					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	
		20,26.2	6,8	9,9	17,18	
C4XFT3-5840	PowerPlex® 21					
	12,16	18,19		17,17		11,12
1		10,10	13,14			18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2		X,Y	10,10	20,24	11,12
	5,10		6,8	9,9	17,18	
CBGRLA-5841	GlobalFiler™ EXPRESS					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	
		20,26.2	6,8	9,9	17,18	
CFRWH4-5842	Qiagen Go!					
	12,16	18,19	11,14	17		11,12
1		10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	
		20,26.2	6,8	9	17	
CHCRV-5840	GlobalFiler™					
	12,16	18,19	11,14	17		11,12
1		10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	
		20,26.2	6,8	9	17,18	
CPD8L4-5841	Identifiler® Direct, GlobalFiler™ Express					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	
		20,26.2	6,8	9,9	17,18	
CPZHF7-5841	PowerPlex® Fusion 6C					
	12,16	18,19	11,14	17		11,12
1		10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	11,12
	5,10	20,26.2	6,8	9	17,18	

TABLE 1

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

Item 1 - STR Results

CVJXPB-5842	PowerPlex® Fusion					
	12,16	18,19	11,14	17		11,12
1		10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	11,12
	5,10		6,8	9	17,18	
CWGTU7-5840	24Plex GO					
	12,16	18,19	11,14	17		11,12
1		10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	
		20,26.2	6,8	9	17	
DBCULX-5841	DNATyper 19					
		18,19		17		11,12
1	11,12	10	13,14			18,22
	11,12	10,13		13,14	14,15	
	32.2		X,Y	10	20,24	
	5,10		6,8	9	17,18	
DDKMZ7-5841	PowerPlex® Fusion 6C					
	12,16	18,19	11,14	17		11,12
1		10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11 ^ ,15 ^	X,Y	10	20,24	11,12
	5,10	20,26.2	6,8	9	17,18	
DEZVE2-5842	GlobalFiler™ GlobalFiler Express					
	12,16	18,19	11,14	17		11,12
1		10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	
		20,26.2	6,8	9	17,18	
DNJHY2-5840	GlobalFiler™ Express PCR Amplification Kit					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	
		20,26.2	6,8	9,9	17,18	
DPCMG2-5842	Identifiler®, PowerPlex® 16					
		18,19		17		11,12
1		10	13,14			
	11,12	10,13		13,14	14,15	
	32.2		X,Y	10	20,24	11,12
	5,10		6,8	9	17,18	

TABLE 1

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

Item 1 - STR Results

DTGZF3-5841	Identifiler® PLUS, GlobalFiler™ EXPRESS					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	
		20,26.2	6,8	9,9	17,18	
DUKWJ3-5842	GlobalFiler™					
	12,16	18,19	11,14	17		11,12
1		10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	
		20,26.2	6,8	9	17,18	
EBGR9N-5840	GlobalFiler™ Express					
	12,16	18,19	11,14	17		11,12
1		10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	
		20,26.2	6,8	9	17,18	
EDUBE3-5842	PowerPlex® Fusion 5C					
	12,16	18,19	11,14	17		11,12
1		10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	11,12
	5,10		6,8	9	17,18	
ELCHJM-5841	PowerPlex® Fusion 5C					
	12,16	18,19	11,14	17		11,12
1		10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	11,12
	5,10		6,8	9	17,18	
ERWQPX-5842	PowerPlex® Fusion 6C					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	11,12
	5,10	20,26.2	6,8	9,9	17,18	
EXG3FK-5840	PowerPlex® Fusion					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	11,12
	5,10		6,8	9,9	17,18	

TABLE 1

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

Item 1 - STR Results

EXHVC8-5840	GlobalFiler™ Express PCR Amplification kit					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	
		20,26.2	6,8	9,9	17,18	
F3DP63-5840	Identifiler® Direct					
		18,19		17,17		11,12
1		10,10	13,14			
	11,12	10,13		13,14	14,15	
	32.2,32.2		X,Y	10,10	20,24	
			6,8	9,9	17,18	
G7NGD7-5841	GlobalFiler™ EXPRESS					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	
		20,26.2	6,8	9,9	17,18	
GCDYPW-5840	PowerPlex® Fusion 5C					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	11,12
	5,10		6,8	9,9	17,18	
GE27DZ-5841	GlobalFiler™ Express					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	
		20,26.2	6,8	9,9	17,18	
GGRA78-5841	Identifiler® Plus, GlobalFiler™ Express					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	
		20,26.2	6,8	9,9	17,18	
GUDPA7-5841	GlobalFiler™ EXPRESS					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	
		20,26.2	6,8	9,9	17,18	

TABLE 1

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

Item 1 - STR Results

HR37MU-5842	DNATyper 19					
		18,19		17		11,12
1	11,12	10	13,14			18,22
	11,12	10,13		13,14	14,15	
	32.2		X,Y	10	20,24	
	5,10		6,8	9	17,18	
HRJKRJ-5840	PowerPlex® Fusion					
	12,16	18,19	11,14	17		11,12
1		10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	11,12
	5,10		6,8	9	17,18	
HUU8J7-5842	PowerPlex® Fusion					
	12,16	18,19	11,14	17		11,12
1		10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	11,12
	5,10		6,8	9	17,18	
HVMDLH-5840	Identifiler®					
		18,19		17		11,12
1		10	13,14			
	11,12	10,13		13,14	14,15	
	32.2		X,Y	10	20,24	
			6,8	9	17,18	
J2MY8P-5842	PowerPlex® Fusion					
	12,16	18,19	11,14	17		11,12
1		10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	11,12
	5,10		6,8	9	17,18	
J683ZG-5841	PowerPlex® Fusion 5C					
	12,16	18,19	11,14	17		11,12
1		10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	11,12
	5,10		6,8	9	17,18	
J9RMDX-5840	Qiagen GO!					
	12,16	18,19	11,14	17		11,12
1		10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	
		20,26.2	6,8	9	17,18	

TABLE 1

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

Item 1 - STR Results

JCQ8V3-5840	GlobalFiler™ Express PCR Amplification Kit					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	
		20,26.2	6,8	9,9	17,18	
JGGKU6-5841	GlobalFiler™ Express					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	
		20,26.2	6,8	9,9	17,18	
JJ7QE3-5841	GlobalFiler™ Express					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	
		20,26.2	6,8	9,9	17,18	
JTUKMR-5840	Identifiler® Plus, PowerPlex® 21					
	12,16	18,19		17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2		X,Y	10,10	20,24	11,12
	5,10		6,8	9,9	17,18	
JVT8HH-5842	PowerPlex® Fusion 5C					
	12,16	18,19	11,14	17		11,12
1		10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	11,12
	5,10		6,8	9	17,18	
JVZ6AR-5840	Identifiler® Identifiler® Plus					
		18,19		17,17		11,12
1		10,10	13,14			
	11,12	10,13		13,14	14,15	
	32.2,32.2		X,Y	10,10	20,24	
			6,8	9,9	17,18	
KBM6H4-5841	Identifiler® Direct, GlobalFiler™ Express					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	
		20,26.2	6,8	9,9	17,18	

TABLE 1

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

Item 1 - STR Results

KVGK3Z-5841	PowerPlex® Fusion 6C					
	12,16	18,19	11,14	17		11,12
1	10		13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	11,12
	5,10	20,26.2	6,8	9	17,18	
KXL9HP-5840	PowerPlex® Fusion					
	12,16	18,19	11,14	17,17		11,12
1	10,10		13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	11,12
	5,10		6,8	9,9	17,18	
L7EUCU-5840	PowerPlex® Fusion					
	12,16	18,19	11,14	17		11,12
1	10		13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	11,12
	5,10		6,8	9	17,18	
LQZNVZ-5840	PowerPlex®					
	12,16	18,19	11,14	17,17		11,12
1	10,10		13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	11,12
	5,10		6,8	9,9	17,18	
LTPVKR-5842	PowerPlex® Fusion 6C					
	12,16	18,19	11,14	17,17		11,12
1	10,10		13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	11,12
	5,10	20,26.2	6,8	9,9	17,18	
MP2URP-5840	PowerPlex® Fusion					
	12,16	18,19	11,14	17,17		11,12
1	10,10		13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	11,12
	5,10		6,8	9,9	17,18	
N7JA9Q-5840	Identifiler® Direct					
		18,19		17,17		11,12
1	10,10		13,14			
	11,12	10,13		13,14	14,15	
	32.2,32.2		X,Y	10,10	20,24	
			6,8	9,9	17,18	

TABLE 1

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

Item 1 - STR Results

N9B9MP-5840	GlobalFiler™ Express PCR Amplification Kit					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	
		20,26.2	6,8	9,9	17,18	
NAM2JC-5841	PowerPlex® Fusion 5C					
	12,16	18,19	11,14	17		11,12
1		10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	11,12
	5,10		6,8	9	17,18	
NEZNCW-5841	PowerPlex® Fusion 6C					
	12,16	18,19	11,14	17		11,12
1		10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	11,12
	5,10	20,26.2	6,8	9	17,18	
NGLQYV-5841	Identifiler® Plus, GlobalFiler™ Express					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	
		20,26.2	6,8	9,9	17,18	
NZWMDL-5840	PowerPlex® Fusion					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	11,12
	5,10		6,8	9,9	17,18	
PN2QTY-5841	GlobalFiler™ Express					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	
		20,26.2	6,8	9,9	17,18	
PV4T4Q-5841	PowerPlex® Fusion 5C					
	12,16	18,19	11,14	17		11,12
1		10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	11,12
	5,10		6,8	9	17,18	

TABLE 1

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

Item 1 - STR Results

QMFGBH-5842	PowerPlex® Fusion					
	12,16	18,19	11,14	17		11,12
1	10		13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	11,12
	5,10		6,8	9	17,18	
R2GBNC-5840	PowerPlex® 16					
	12,16	18,19	11,14	17,17		
1			13,14		12,13	18,22
		10,13		13,14	14,15	
	32.2	11,15	X,Y		20,24	
			6,8		17,18	
RC2R6P-5840	PowerPlex® Fusion 5C					
	12,16	18,19	11,14	17,17		11,12
1	10,10		13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	11,12
	5,10		6,8	9,9	17,18	
RCKE2M-5840	PowerPlex® Fusion					
	12,16	18,19	11,14	17,17		11,12
1	10,10		13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	11,12
	5,10		6,8	9,9	17,18	
RQ3BWP-5841	GlobalFiler™ Express					
	12,16	18,19	11,14	17,17		11,12
1	10,10		13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	
		20,26.2	6,8	9,9	17,18	
RWP7TM-5840	PowerPlex® FUSION					
	12,16	18,19	11,14	17,17		11,12
1	10,10		13,14		12,13	
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	11,12
	5,10		6,8	9,9	17,18	
RXYB7B-5842	PowerPlex® Fusion 6C					
	12,16	18,19	11,14	17		11,12
1	10		13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	11,12
	5,10	20,26.2	6,8	9	17,18	

TABLE 1

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

Item 1 - STR Results

TFWTYR-5841	Identifiler® Direct, GlobalFiler™ Express					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	
		20,26.2	6,8	9,9	17,18	
U2AZMQ-5841	GlobalFiler™ Express					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	
		20,26.2	6,8	9,9	17,18	
U34N87-5841	PowerPlex® Fusion 5C					
	12,16	18,19	11,14	17		11,12
1		10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	11,12
	5,10		6,8	9	17,18	
UA66E7-5841	PowerPlex® Fusion					
	12,16	18,19	11,14	17		11,12
1		10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	11,12
	5,10		6,8	9	17,18	
ULX7L-5841	Identifiler® Direct, GlobalFiler™ Express					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	
		20,26.2	6,8	9,9	17,18	
UQ8MMP-5840	Identifiler® Direct					
		18,19		17,17		11,12
1		10,10	13,14			
	11,12	10,13		13,14	14,15	
	32.2,32.2		X,Y	10,10	20,24	
			6,8	9,9	17,18	
URMVZK-5840	PowerPlex® Fusion 5C					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	11,12
	5,10		6,8	9,9	17,18	

TABLE 1

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

Item 1 - STR Results

UY4FYP-5841	GlobalFiler™ EXPRESS					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	
		20,26.2	6,8	9,9	17,18	
VAGYWR-5841	Identifiler® DIRECT, PLUS, GlobalFiler™ EXPRESS					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	
		20,26.2	6,8	9,9	17,18	
VBWGT7-5841	PowerPlex® 5C					
	12,16	18,19	11,14	17		11,12
1		10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	11,12
	5,10		6,8	9	17,18	
VM72BD-5840	GlobalFiler™					
	12,16	18,19	11,14	17		11,12
1		10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	
		20,26.2	6,8	9	17,18	
VTCPRK-5841	GlobalFiler™ EXPRESS					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	
		20,26.2	6,8	9,9	17,18	
VURULC-5840	GlobalFiler™					
	12,16	18,19	11,14	17		11,12
1		10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	
		20,26.2	6,8	9	17,18	
WHAWUE-5840	PowerPlex® Fusion					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	11,12
	5,10		6,8	9,9	17,18	

TABLE 1

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

Item 1 - STR Results

WJ9Q3K-5840	PowerPlex® Fusion 5C					
	12,16	18,19	11,14	17		11,12
1	10		13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	11,12
	5,10		6,8	9	17,18	
WUK4VK-5842	PowerPlex® Fusion 5C					
	12,16	18,19	11,14	17		11,12
1	10		13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	11,12
	5,10		6,8	9	17,18	
WZN9M4-5840	GlobalFiler™ Express					
	12,16	18,19	11,14	17		11,12
1	10		13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	
		20,26.2	6,8	9	17,18	
X3AA8H-5841	GlobalFiler™ EXPRESS					
	12,16	18,19	11,14	17,17		11,12
1	10,10		13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	
		20,26.2	6,8	9,9	17,18	
X79NTM-5841	GlobalFiler™ Express					
	12,16	18,19	11,14	17,17		11,12
1	10,10		13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	
		20,26.2	6,8	9,9	17,18	
XBQNaN-5840	GlobalFiler™ Express PCR Amplification Kit					
	12,16	18,19	11,14	17,17		11,12
1	10,10		13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	
		20,26.2	6,8	9,9	17,18	
XDTQVJ-5840	GlobalFiler™					
	12,16	18,19	11,14	17,17		11,12
1	10,10		13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	
		20,26.2	6,8	9,9	17,18	

TABLE 1

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

Item 1 - STR Results

XNXPUK-5840	PowerPlex® Fusion					
		12,16	18,19	11,14	17,17	11,12
	1		10,10	13,14		12,13
		11,12	10,13		13,14	14,15
		32.2,32.2	11,15	X,Y	10,10	20,24
	5,10		6,8	9,9	17,18	
XVBQ6M-5841	GlobalFiler™ Express					
		12,16	18,19	11,14	17,17	11,12
	1		10,10	13,14		12,13
		11,12	10,13		13,14	14,15
		32.2,32.2	11,15	X,Y	10,10	20,24
		20,26.2	6,8	9,9	17,18	
Y2UDBC-5840	DNATyper19					
			18,19		17	11,12
	1		10	13,14		18,22
		11,12	10,13		13,14	14,15
		32.2		X,Y	10	20,24
	5,10		6,8	9	17,18	
Y8MA3N-5841	Identifiler® Direct, GlobalFiler™ Express					
		12,16	18,19	11,14	17,17	11,12
	1		10,10	13,14		12,13
		11,12	10,13		13,14	14,15
		32.2,32.2	11,15	X,Y	10,10	20,24
		20,26.2	6,8	9,9	17,18	
YCEJA2-5840	Identifiler®					
			18,19		17	11,12
	1		10	13,14		
		11,12	10,13		13,14	14,15
		32.2		X,Y	10	20,24
			6,8	9	17,18	
YJCE7E-5840	GlobalFiler™ Express PCR Amplification Kit					
		12,16	18,19	11,14	17,17	11,12
	1		10,10	13,14		12,13
		11,12	10,13		13,14	14,15
		32.2,32.2	11,15	X,Y	10,10	20,24
		20,26.2	6,8	9,9	17,18	
YVHCT4-5840	PowerPlex® Fusion 6C					
		12,16	18,19	11,14	17	11,12
	1		10	13,14		12,13
		11,12	10,13		13,14	14,15
		32.2	11,15	X,Y	10	20,24
	5,10	20,26.2	6,8	9	17,18	

TABLE 1

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

Item 1 - STR Results

Z9VW2E-5840	GlobalFiler™					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	
		20,26.2	6,8	9,9	17,18	
ZDJN3F-5841	GlobalFiler™ Express					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	
		20,26.2	6,8	9,9	17,18	
ZLC4PY-5841	PowerPlex® Fusion					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	11,12
	5,10		6,8	9,9	17,18	
ZQU2FB-5840	PowerPlex® Fusion 5C					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	11,12
	5,10		6,8	9,9	17,18	
ZR49H4-5841	GlobalFiler™					
	12,16	18,19	11,14	17	-	11,12
1	-	10	13,14	-	12,13	18,22
	11,12	10,13	-	13,14	14,15	-
	32.2	11,15	X,Y	10	20,24	-
	-	20,26.2	6,8	9	17,18	
ZVQLNZ-5841	PowerPlex® Fusion 5C					
	12,16	18,19	11,14	17		11,12
1		10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	11,12
	5,10		6,8	9	17,18	
ZWUJT2-5840	GlobalFiler™ Express					
	12,16	18,19	11,14	17		11,12
1		10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2	11,15	X,Y	10	20,24	
		20,26.2	6,8	9	17,18	

TABLE 1

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

Item 1 - STR Results

ZXCDTC-5840	PowerPlex® Fusion 5C					
	12,16	18,19	11,14	17,17		11,12
1		10,10	13,14		12,13	18,22
	11,12	10,13		13,14	14,15	
	32.2,32.2	11,15	X,Y	10,10	20,24	11,12
	5,10		6,8	9,9	17,18	

TABLE 1

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

Item 2 - STR Results

26487Z-5840	GlobalFiler™ Express					
	11,14	17,18	10,11	15		11,13
2	11					
	11,12	11		12,16	13,15	21,24
	28,29	15,17	X	12	13,14	21,24
		15,19	9,9.3	8,10	14,16	
2JMX63-5840	NGMSElect Express kit					
	11,14	17,18	10,11	15,15		
2	11					
		11,11		12,16	13,15	21,24
	28,29	15,17	X,X		13,14	
		15,19	9,9.3		21,24	
					14,16	
2VGD RH-5840	QIAGEN Investigator GO!					
	11,14	17,18	10,11	15		11,13
2	11					
	11,12	11		12,16	13,15	21,24
	28,29	15,17	X	12	13,14	
		15,19	9,9.3	8,10	21,24	
					14,16	
37UVZF-5841	PowerPlex® Fusion 6C					
	11,14	17,18	10,11	15		11,13
2	11					
	11,12	11		12,16	13,15	21,24
	28,29	15,17	X	12	13,14	
	7,10	15,19	9,9.3	8,10	21,24	12
					14,16	
387R86-5840	GlobalFiler™					
	11,14	17,18	10,11	15		11,13
2	11					
	11,12	11		12,16	13,15	21,24
	28,29	15,17	X	12	13,14	
		15,19	9,9.3	8,10	21,24	
					14,16	
3LPCQY-5840	GlobalFiler™ Express					
	11,14	17,18	10,11	15		11,13
2	11					
	11,12	11		12,16	13,15	21,24
	28,29	15,17	X	12	13,14	
		15,19	9,9.3	8,10	21,24	
					14,16	
3MLT2B-5840	GlobalFiler™ Express PCR Amplification kit					
	11,14	17,18	10,11	15,15		11,13
2	11,11					
	11,12	11,11		12,16	13,15	21,24
	28,29	15,17	X,X	12,12	13,14	
		15,19	9,9.3	8,10	21,24	
					14,16	

TABLE 1

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

Item 2 - STR Results

3RDXYK-5841	GlobalFiler™ EXPRESS					
	11,14	17,18	10,11	15,15		11,13
2		11,11	10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	
		15,19	9,9.3	8,10	14,16	
3TAFWF-5842	PowerPlex® Fusion					
	11,14	17,18	10,11	15		11,13
2		11	10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	12
	7,10		9,9.3	8,10	14,16	
3TT8XD-5842	Qiagen GO!					
	11,14	17,18	10,11	15		11,13
2		11	10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	
		15,19	9,9.3	8,10	14,16	
3YCKNZ-5842	PowerPlex® Fusion 5C					
	11,14	17,18	10,11	15		11,13
2		11	10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	12
	7,10		9,9.3	8,10	14,16	
4AQ2UC-5840	GlobalFiler™ Express					
	11,14	17,18	10,11	15,15		11,13
2		11,11	10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	
		15,19	9,9.3	8,10	14,16	
4MZEDX-5840	GlobalFiler™, GlobalFiler™ Express					
	11,14	17,18	10,11	15		11,13
2		11	10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	
		15,19	9,9.3	8,10	14,16	
4P8RWK-5841	Identifiler® Direct, GlobalFiler™ Express					
	11,14	17,18	10,11	15,15		11,13
2		11,11	10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	
		15,19	9,9.3	8,10	14,16	

TABLE 1

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

Item 2 - STR Results

4W3UYV-5841	PowerPlex® Fusion					
	11,14	17,18	10,11	15		11,13
2	11		10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	12
	7,10		9,9.3	8,10	14,16	
68MBEA-5840	PowerPlex®					
	11,14	17,18	10,11	15,15		11,13
2	11,11		10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	12,12
	7,10		9,9.3	8,10	14,16	
6T33AV-5841	PowerPlex® Fusion 5C					
	11,14	17,18	10,11	15		11,13
2	11		10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	12
	7,10		9,9.3	8,10	14,16	
6VQE7F-5840	GlobalFiler™					
	11,14	17,18	10,11	15,15		11,13
2	11,11		10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	
		15,19	9,9.3	8,10	14,16	
6WJDG9-5840	GlobalFiler™ Express PCR Amplification Kit					
	11,14	17,18	10,11	15,15		11,13
2	11,11		10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	
		15,19	9,9.3	8,10	14,16	
7N4UW9-5840	PowerPlex® Fusion					
	11,14	17,18	10,11	15,15		11,13
2	11,11		10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	12,12
	7,10		9,9.3	8,10	14,16	
7WRR3W-5842	PowerPlex® Fusion 5C					
	11,14	17,18	10,11	15		11,13
2	11		10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	12
	7,10		9,9.3	8,10	14,16	

TABLE 1

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

Item 2 - STR Results

7XANXT-5840	PowerPlex® Fusion 6C					
	11,14	17,18	10,11	15		11,13
2	11		10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	12
	7,10	15,19	9,9.3	8,10	14,16	
7ZG9LT-5840	PowerPlex® Fusion 5C					
	11,14	17,18	10,11	15		11,13
2	11		10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	12
	7,10		9,9.3	8,10	14,16	
83ZP97-5840	PowerPlex® Fusion					
	11,14	17,18	10,11	15,15		11,13
2	11,11		10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	12,12
	7,10		9,9.3	8,10	14,16	
884J6W-5842	PowerPlex® Fusion 5C					
	11,14	17,18	10,11	15		11,13
2	11		10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	12
	7,10		9,9.3	8,10	14,16	
8BWDEB-5840	PowerPlex® Fusion					
	11,14	17,18	10,11	15,15		11,13
2	11,11		10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	12,12
	7,10		9,9.3	8,10	14,16	
8XBYBB-5840	PowerPlex® Fusion 5C					
	11,14	17,18	10,11	15,15		11,13
2	11,11		10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	12,12
	7,10		9,9.3	8,10	14,16	
8ZWUP3-5840	PowerPlex® Fusion 5C					
	11,14	17,18	10,11	15,15		11,13
2	11,11		10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	12,12
	7,10		9,9.3	8,10	14,16	

TABLE 1

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

Item 2 - STR Results

93CLDB-5841	PowerPlex® Fusion 6C					
	11,14	17,18	10,11	15		11,13
2	11		10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	12
	7,10	15,19	9,9.3	8,10	14,16	
962TX8-5840	GlobalFiler™ Express					
	11,14	17,18	10,11	15,15		11,13
2	11,11		10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	
		15,19	9,9.3	8,10	14,16	
97Z798-5840	PowerPlex® Fusion					
	11,14	17,18	10,11	15		11,13
2	11		10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	12
	7,10		9,9.3	8,10	14,16	
9NZ7BE-5841	GlobalFiler™ Express					
	11,14	17,18	10,11	15,15		11,13
2	11,11		10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	
		15,19	9,9.3	8,10	14,16	
9U4AZD-5841	Identifiler® Direct, GlobalFiler™ Express					
	11,14	17,18	10,11	15,15		11,13
2	11,11		10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	
		15,19	9,9.3	8,10	14,16	
A6EWQP-5840	PowerPlex® Fusion 6C					
	11,14	17,18	10,11	15		11,13
2	11		10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	12
	7,10	15,19	9,9.3	8,10	14,16	
AFFAYD-5842	PowerPlex® Fusion					
	11,14	17,18	10,11	15		11,13
2	11		10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	12
	7,10		9,9.3	8,10	14,16	

TABLE 1

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

Item 2 - STR Results

AGECU9-5840	QIAGEN Investigator GO!					
	11,14	17,18	10,11	15		11,13
2		11	10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	
		15,19	9,9.3	8,10	14,16	
ARBHN8-5842	PowerPlex® Fusion 5C					
	11,14	17,18	10,11	15		11,13
2		11	10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	12
	7,10		9,9.3	8,10	14,16	
AUGZM3-5840	GlobalFiler™ Express PCR Amplification Kit					
	11,14	17,18	10,11	15,15		11,13
2		11,11	10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	
		15,19	9,9.3	8,10	14,16	
B2CK7A-5840	GlobalFiler™ Express PCR Amplification Kit					
	11,14	17,18	10,11	15,15		11,13
2		11,11	10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	
		15,19	9,9.3	8,10	14,16	
B9DNG2-5842	PowerPlex® PPF 6C					
	11,14	17,18	10,11	15,15		11,13
2		11,11	10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	12,12
	7,10	15,19	9,9.3	8,10	14,16	
BEBG4Q-5842	PowerPlex® Fusion 5C					
	11,14	17,18	10,11	15		11,13
2		11	10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	12
	7,10		9,9.3	8,10	14,16	
BTYCZ2-5840	GlobalFiler™ Express PCR Amplification Kit					
	11,14	17,18	10,11	15,15		11,13
2		11,11	10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	
		15,19	9,9.3	8,10	14,16	

TABLE 1

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

Item 2 - STR Results

C4XFT3-5840	PowerPlex® 21					
	11,14	17,18		15,15		11,13
2	13,14	11,11	10,15			21,24
	11,12	11,11		12,16	13,14	
	28,29		X,X	12,12	21,24	12,12
	7,10		9,9.3	8,10	14,16	
CBGRLA-5841	GlobalFiler™ EXPRESS					
	11,14	17,18	10,11	15,15		11,13
2		11,11	10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	
		15,19	9,9.3	8,10	14,16	
CFRWH4-5842	Qiagen Go!					
	11,14	17,18	10,11	15		11,13
2		11	10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	
		15,19	9,9.3	8,10	14,16	
CHCRVY-5840	GlobalFiler™					
	11,14	17,18	10,11	15		11,13
2		11	10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	
		15,19	9,9.3	8,10	14,16	
CPD8L4-5841	Identifiler® Direct, GlobalFiler™ Express					
	11,14	17,18	10,11	15,15		11,13
2		11,11	10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	
		15,19	9,9.3	8,10	14,16	
CPZHF7-5841	PowerPlex® Fusion 6C					
	11,14	17,18	10,11	15		11,13
2		11	10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	12
	7,10	15,19	9,9.3	8,10	14,16	
CVJXPB-5842	PowerPlex® Fusion					
	11,14	17,18	10,11	15		11,13
2		11	10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	12
	7,10		9,9.3	8,10	14,16	

TABLE 1

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

Item 2 - STR Results

CWGTU7-5840	24Plex GO					
		11,14	17,18	10,11	15	11,13
2			11	10,15		13,15
		11,12	11		12,16	13,14
		28,29	15,17	X	12	21,24
			15,19	9,9.3	8,10	14,16
DBCULX-5841	DNATyper 19					
			17,18		15	11,13
2		13,14	11	10,15		21,24
		11,12	11		12,16	13,14
		28,29		X	12	21,24
		7,10		9,9.3	8,10	14,16
DDKMZ7-5841	PowerPlex® Fusion 6C					
		11,14	17,18	10,11	15	11,13
2			11	10,15		13,15
		11,12	11		12,16	13,14
		28,29	15,17	X	12	21,24
		7,10	15,19	9,9.3	8,10	14,16
DEZVE2-5842	GlobalFiler™ GlobalFiler Express					
		11,14	17,18	10,11	15	11,13
2			11	10,15		13,15
		11,12	11		12,16	13,14
		28,29	15,17	X	12	21,24
			15,19	9,9.3	8,10	14,16
DNJHY2-5840	GlobalFiler™ Express PCR Amplification Kit					
		11,14	17,18	10,11	15,15	11,13
2			11,11	10,15		13,15
		11,12	11,11		12,16	13,14
		28,29	15,17	X,X	12,12	21,24
			15,19	9,9.3	8,10	14,16
DPCMG2-5842	Identifiler®, PowerPlex® 16					
			17,18		15	11,13
2			11	10,15		
		11,12	11		12,16	13,14
		28,29		X	12	21,24
		7,10		9,9.3	8,10	14,16
DTGZF3-5841	Identifiler® PLUS, GlobalFiler™ EXPRESS					
		11,14	17,18	10,11	15,15	11,13
2			11,11	10,15		13,15
		11,12	11,11		12,16	13,14
		28,29	15,17	X,X	12,12	21,24
			15,19	9,9.3	8,10	14,16

TABLE 1

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

Item 2 - STR Results

DUKWJ3-5842	GlobalFiler™					
	11,14	17,18	10,11	15		11,13
2		11	10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	
		15,19	9,9.3	8,10	14,16	
EBGR9N-5840	GlobalFiler™ Express					
	11,14	17,18	10,11	15		11,13
2		11	10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	
		15,19	9,9.3	8,10	14,16	
EDUBE3-5842	PowerPlex® Fusion 5C					
	11,14	17,18	10,11	15		11,13
2		11	10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	12
	7,10		9,9.3	8,10	14,16	
ELCHJM-5841	PowerPlex® Fusion 5C					
	11,14	17,18	10,11	15		11,13
2		11	10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	12
	7,10		9,9.3	8,10	14,16	
ERWQPX-5842	PowerPlex® Fusion 6C					
	11,14	17,18	10,11	15,15		11,13
2		11,11	10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	12,12
	7,10	15,19	9,9.3	8,10	14,16	
EXG3FK-5840	PowerPlex® Fusion					
	11,14	17,18	10,11	15,15		11,13
2		11,11	10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	12,12
	7,10		9,9.3	8,10	14,16	
EXHVC8-5840	GlobalFiler™ Express					
	11,14	17,18	10,11	15,15		11,13
2		11,11	10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	
		15,19	9,9.3	8,10	14,16	

TABLE 1

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

Item 2 - STR Results

F3DP63-5840	GlobalFiler™ Express					
	11,14	17,18	10,11	15,15		11,13
2		11,11	10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	
		15,19	9,9.3	8,10	14,16	
G7NGD7-5841	GlobalFiler™ EXPRESS					
	11,14	17,18	10,11	15,15		11,13
2		11,11	10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	
		15,19	9,9.3	8,10	14,16	
GCDYPW-5840	PowerPlex® FUSION 5C					
	11,14	17,18	10,11	15,15		11,13
2		11,11	10,15		13,15	
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	12,12
	7,10		9,9.3	8,10	14,16	
GE27DZ-5841	GlobalFiler™ Express					
	11,14	17,18	10,11	15,15		11,13
2		11,11	10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	
		15,19	9,9.3	8,10	14,16	
GGRA78-5841	Identifiler® Plus, GlobalFiler™ Express					
	11,14	17,18	10,11	15,15		11,13
2		11,11	10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	
		15,19	9,9.3	8,10	14,16	
GUDPA7-5841	GlobalFiler™ EXPRESS					
	11,14	17,18	10,11	15,15		11,13
2		11,11	10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	
		15,19	9,9.3	8,10	14,16	
HR37MU-5842	DNATyper 19					
		17,18		15		11,13
2	13,14	11,12	10,15			21,24
	11,12	11		12,16	13,14	
	28,29		X	12	21,24	
	7,10		9,9.3	8,10	14,16	

TABLE 1

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

Item 2 - STR Results

HRJKRJ-5840	PowerPlex® Fusion					
	11,14	17,18	10,11	15		11,13
2	11		10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X,X	12	21,24	12
	7,10		9,9.3	8,10	14,16	
HUU8J7-5842	PowerPlex® Fusion					
	11,14	17,18	10,11	15		11,13
2	11		10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	12
	7,10		9,9.3	8,10	14,16	
HVMDLH-5840	Identifiler®					
		17,18		15		11,13
2	11		10,15			
	11,12	11		12,16	13,14	
	28,29		X	12	21,24	
			9,9.3	8,10	14,16	
J2MY8P-5842	PowerPlex® Fusion					
	11,14	17,18	10,11	15		11,13
2	11		10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	12
	7,10		9,9.3	8,10	14,16	
J683ZG-5841	PowerPlex® Fusion 5C					
	11,14	17,18	10,11	15		11,13
2	11		10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	12
	7,10		9,9.3	8,10	14,16	
J9RMDX-5840	Qiagen GO!					
	11,14	17,18	10,11	15		11,13
2	11		10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	
		15,19	9,9.3	8,10	14,16	
JCQ8V3-5840	GlobalFiler™ Express PCR Amplification Kit					
	11,14	17,18	10,11	15,15		11,13
2	11,11		10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	
		15,19	9,9.3	8,10	14,16	

TABLE 1

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

Item 2 - STR Results

JGGKU6-5841	GlobalFiler™ Express					
	11,14	17,18	10,11	15,15		11,13
2		11,11	10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	
		15,19	9,9.3	8,10	14,16	
JJ7QE3-5841	GlobalFiler™ Express					
	11,14	17,18	10,11	15,15		11,13
2		11,11	10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	
		15,19	9,9.3	8,10	14,16	
JTUKMR-5840	Identifiler® Plus, PowerPlex® 21					
	11,14	17,18		15,15		11,13
2	13,14	11,11	10,15			21,24
	11,12	11,11		12,16	13,14	
	28,29		X,X	12,12	21,24	12,12
	7,10		9,9.3	8,10	14,16	
JVT8HH-5842	PowerPlex® Fusion 5C					
	11,14	17,18	10,11	15		11,13
2		11	10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	12
	7,10		9,9.3	8,10	14,16	
JVZ6AR-5840	Identifiler® Identifiler® Plus					
		17,18		15,15		11,13
2		11,11	10,15			
	11,12	11,11		12,16	13,14	
	28,29		X,X	12,12	21,24	
			9,9.3	8,10	14,16	
KBM6H4-5841	Identifiler® Direct, GlobalFiler™ Express					
	11,14	17,18	10,11	15,15		11,13
2		11,11	10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	
		15,19	9,9.3	8,10	14,16	
KVGK3Z-5841	PowerPlex® Fusion 6C					
	11,14	17,18	10,11	15		11,13
2		11	10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	12
	7,10	15,19	9,9.3	8,10	14,16	

TABLE 1

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

Item 2 - STR Results

KXL9HP-5840	PowerPlex® Fusion					
		11,14	17,18	10,11	15,15	11,13
	2		11,11	10,15		13,15
		11,12	11,11		12,16	13,14
		28,29	15,17	X,X	12,12	21,24
	7,10		9,9.3	8,10	14,16	
L7EUCU-5840	PowerPlex® Fusion					
		11,14	17,18	10,11	15	11,13
	2		11	10,15		13,15
		11,12	11		12,16	13,14
		28,29	15,17	X	12	21,24
	7,10		9,9.3	8,10	14,16	
LQZNV-5840	PowerPlex®					
		11,14	17,18	10,11	15,15	11,13
	2		11,11	10,15		13,15
		11,12	11,11		12,16	13,14
		28,29	15,17	X,X	12,12	21,24
	7,10		9,9.3	8,10	14,16	
LTPVKR-5842	PowerPlex® Fusion 6C					
		11,14	17,18	10,11	15,15	11,13
	2		11,11	10,15		13,15
		11,12	11,11		12,16	13,14
		28,29	15,17	X,X	12,12	21,24
	7,10	15,19	9,9.3	8,10	14,16	
MP2URP-5840	PowerPlex® Fusion					
		11,14	17,18	10,11	15,15	11,13
	2		11,11	10,15		13,15
		11,12	11,11		12,16	13,14
		28,29	15,17	X,X	12,12	21,24
	7,10		9,9.3	8,10	14,16	
N7JA9Q-5840	GlobalFiler™ Express					
		11,14	17,18	10,11	15,15	11,13
	2		11,11	10,15		13,15
		11,12	11,11		12,16	13,14
		28,29	15,17	X,X	12,12	21,24
		15,19	9,9.3	8,10	14,16	
N9B9MP-5840	GlobalFiler™ Express PCR Amplification Kit					
		11,14	17,18	10,11	15,15	11,13
	2		11,11	10,15		13,15
		11,12	11,11		12,16	13,14
		28,29	15,17	X,X	12,12	21,24
		15,19	9,9.3	8,10	14,16	

TABLE 1

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

Item 2 - STR Results

NAM2JC-5841	PowerPlex® Fusion 5C					
	11,14	17,18	10,11	15		11,13
2	11		10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	12
	7,10		9,9.3	8,10	14,16	
NEZNCW-5841	PowerPlex® Fusion 6C					
	11,14	17,18	10,11	15		11,13
2	11		10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	12
	7,10	15,19	9,9.3	8,10	14,16	
NGLQYV-5841	Identifiler® Plus, GlobalFiler™ Express					
	11,14	17,18	10,11	15,15		11,13
2	11,11		10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	
		15,19	9,9.3	8,10	14,16	
NZWMDL-5840	PowerPlex® Fusion					
	11,14	17,18	10,11	15,15		11,13
2	11,11		10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	12,12
	7,10		9,9.3	8,10	14,16	
PN2QTY-5841	GlobalFiler™ Express					
	11,14	17,18	10,11	15,15		11,13
2	11,11		10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	
		15,19	9,9.3	8,10	14,16	
PV4T4Q-5841	PowerPlex® Fusion 5C					
	11,14	17,18	10,11	15		11,13
2	11		10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	12
	7,10		9,9.3	8,10	14,16	
QMFGBH-5842	PowerPlex® Fusion					
	11,14	17,18	10,11	15		11,13
2	11		10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	12
	7,10		9,9.3	8,10	14,16	

TABLE 1

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

Item 2 - STR Results

R2GBNC-5840	PowerPlex® 16					
	11,14	17,18	10,11	15,15		
2			10,15		13,15	21,24
		11,11		12,16	13,14	
	28,29	15,17	X,X		21,24	
			9,9.3		14,16	
RC2R6P-5840	PowerPlex® Fusion 5C					
	11,14	17,18	10,11	15,15		11,13
2		11,11	10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	12,12
	7,10		9,9.3	8,10	14,16	
RCKE2M-5840	PowerPlex® Fusion					
	11,14	17,18	10,11	15,15		11,13
2		11,11	10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	12,12
	7,10		9,9.3	8,10	14,16	
RQ3BWP-5841	GlobalFiler™ Express					
	11,14	17,18	10,11	15,15		11,13
2		11,11	10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	
		15,19	9,9.3	8,10	14,16	
RWP7TM-5840	PowerPlex® FUSION					
	11,14	17,18	10,11	15,15		11,13
2		11,11	10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	12,12
	7,10		9,9.3	8,10	14,16	
RXYB7B-5842	PowerPlex® Fusion 5C					
	11,14	17,18	10,11	15		11,13
2		11	10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	12
	7,10		9,9.3	8,10	14,16	
TFWTYR-5841	Identifiler® Direct, GlobalFiler™ Express					
	11,14	17,18	10,11	15,15		11,13
2		11,11	10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	
		15,19	9,9.3	8,10	14,16	

TABLE 1

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

Item 2 - STR Results

U2AZMQ-5841	GlobalFiler™ Express					
	11,14	17,18	10,11	15,15		11,13
2		11,11	10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	
		15,19	9,9.3	8,10	14,16	
U34N87-5841	PowerPlex® Fusion 5C					
	11,14	17,18	10,11	15		11,13
2		11	10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	12
	7,10		9,9.3	8,10	14,16	
UA66E7-5841	PowerPlex® Fusion					
	11,14	17,18	10,11	15		11,13
2		11	10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X,X	12	21,24	12
	7,10		9,9.3	8,10	14,16	
ULX7L-5841	Identifiler® Direct, GlobalFiler™ Express					
	11,14	17,18	10,11	15,15		11,13
2		11,11	10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	
		15,19	9,9.3	8,10	14,16	
UQ8MMP-5840	GlobalFiler™ Express					
	11,14	17,18	10,11	15,15		11,13
2		11,11	10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	
		15,19	9,9.3	8,10	14,16	
URMVZK-5840	PowerPlex® Fusion 5C					
	11,14	17,18	10,11	15,15		11,13
2		11,11	10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	12,12
	7,10		9,9.3	8,10	14,16	
UY4FYP-5841	GlobalFiler™ EXPRESS					
	11,14	17,18	10,11	15,15		11,13
2		11,11	10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	
		15,19	9,9.3	8,10	14,16	

TABLE 1

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

Item 2 - STR Results

VAGYWR-5841	Identifiler® DIRECT, PLUS, GlobalFiler™ EXPRESS					
	11,14	17,18	10,11	15,15		11,13
2		11,11	10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	
		15,19	9,9.3	8,10	14,16	
VBWGT7-5841	PowerPlex® 5C					
	11,14	17,18	10,11	15		11,13
2		11	10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	12
	7,10		9,9.3	8,10	14,16	
VM72BD-5840	GlobalFiler™					
	11,14	17,18	10,11	15		11,13
2		11	10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	
		15,19	9,9.3	8,10	14,16	
VTCPRK-5841	GlobalFiler™ EXPRESS					
	11,14	17,18	10,11	15,15		11,13
2		11,11	10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	
		15,19	9,9.3	8,10	14,16	
VURULC-5840	GlobalFiler™					
	11,14	17,18	10,11	15		11,13
2		11	10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	
		15,19	9,9.3	8,10	14,16	
WHAWUE-5840	PowerPlex® Fusion					
	11,14	17,18	10,11	15,15		11,13
2		11,11	10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	12,12
	7,10		9,9.3	8,10	14,16	
WJ9Q3K-5840	PowerPlex® Fusion 5C					
	11,14	17,18	10,11	15		11,13
2		11	10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	12
	7,10		9,9.3	8,10	14,16	

TABLE 1

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

Item 2 - STR Results

WUK4VK-5842	PowerPlex® Fusion 5C					
	11,14	17,18	10,11	15		11,13
2	11		10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	12
	7,10		9,9.3	8,10	14,16	
WZN9M4-5840	GlobalFiler™ Express					
	11,14	17,18	10,11	15		11,13
2	11		10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	
		15,19	9,9.3	8,10	14,16	
X3AA8H-5841	GlobalFiler™ EXPRESS					
	11,14	17,18	10,11	15,15		11,13
2	11,11		10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	
		15,19	9,9.3	8,10	14,16	
X79NTM-5841	GlobalFiler™ Express					
	11,14	17,18	10,11	15,15		11,13
2	11,11		10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	
		15,19	9,9.3	8,10	14,16	
XBQNaN-5840	GlobalFiler™ Express PCR Amplification Kit					
	11,14	17,18	10,11	15,15		11,13
2	11,11		10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	
		15,19	9,9.3	8,10	14,16	
XDTQVJ-5840	GlobalFiler™					
	11,14	17,18	10,11	15,15		11,13
2	11,11		10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	
		15,19	9,9.3	8,10	14,16	
XNXPUK-5840	PowerPlex® Fusion					
	11,14	17,18	10,11	15,15		11,13
2	11,11		10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	12,12
	7,10		9,9.3	8,10	14,16	

TABLE 1

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

Item 2 - STR Results

XVBQ6M-5841	GlobalFiler™ Express						
	11,14	17,18	10,11	15,15		11,13	
	2		11,11	10,15		13,15	21,24
	11,12	11,11		12,16	13,14		
	28,29	15,17	X,X	12,12	21,24		
		15,19	9,9.3	8,10	14,16		
Y2UDBC-5840	DNATyper19						
		17,18		15		11,13	
	2		13,14	11	10,15		21,24
	11,12	11		12,16	13,14		
	28,29		X	12	21,24		
	7,10		9,9.3	8,10	14,16		
Y8MA3N-5841	Identifiler® Direct, GlobalFiler™ Express						
	11,14	17,18	10,11	15,15		11,13	
	2		11,11	10,15		13,15	21,24
	11,12	11,11		12,16	13,14		
	28,29	15,17	X,X	12,12	21,24		
		15,19	9,9.3	8,10	14,16		
YCEJA2-5840	Identifiler®						
		17,18		15		11,13	
	2		11	10,15			21,24
	11,12	11		12,16	13,14		
	28,29		X	12	21,24		
		9,9.3	8,10	14,16			
YJCE7E-5840	GlobalFiler™ Express PCR Amplification Kit						
	11,14	17,18	10,11	15,15		11,13	
	2		11,11	10,15		13,15	21,24
	11,12	11,11		12,16	13,14		
	28,29	15,17	X,X	12,12	21,24		
		15,19	9,9.3	8,10	14,16		
YVHCT4-5840	PowerPlex® Fusion 6C						
	11,14	17,18	10,11	15		11,13	
	2		11	10,15		13,15	21,24
	11,12	11		12,16	13,14		
	28,29	15,17	X	12	21,24	12	
	7,10	15,19	9,9.3	8,10	14,16		
Z9VW2E-5840	GlobalFiler™						
	11,14	17,18	10,11	15,15		11,13	
	2		11,11	10,15		13,15	21,24
	11,12	11,11		12,16	13,14		
	28,29	15,17	X,X	12,12	21,24		
		15,19	9,9.3	8,10	14,16		

TABLE 1

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

Item 2 - STR Results

ZDJN3F-5841	GlobalFiler™ Express					
	11,14	17,18	10,11	15,15		11,13
2		11,11	10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	
		15,19	9,9.3	8,10	14,16	
ZLC4PY-5841	PowerPlex® Fusion					
	11,14	17,18	10,11	15,15		11,13
2		11,11	10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	12,12
	7,10		9,9.3	8,10	14,16	
ZQU2FB-5840	PowerPlex® Fusion 5C					
	11,14	17,18	10,11	15,15		11,13
2		11,11	10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	12,12
	7,10		9,9.3	8,10	14,16	
ZR49H4-5841	GlobalFiler™					
	11,14	17,18	10,11	15	-	11,13
2	-	11	10,15	-	13,15	21,24
	11,12	11	-	12,16	13,14	-
	28,29	15,17	X	12	21,24	-
	-	15,19	9,9.3	8,10	14,16	
ZVQLNZ-5841	PowerPlex® Fusion 5C					
	11,14	17,18	10,11	15		11,13
2		11	10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	12
	7,10		9,9.3	8,10	14,16	
ZWUJT2-5840	GlobalFiler™ Express					
	11,14	17,18	10,11	15		11,13
2		11	10,15		13,15	21,24
	11,12	11		12,16	13,14	
	28,29	15,17	X	12	21,24	
		15,19	9,9.3	8,10	14,16	
ZXCDTC-5840	PowerPlex® Fusion 5C					
	11,14	17,18	10,11	15,15		11,13
2		11,11	10,15		13,15	21,24
	11,12	11,11		12,16	13,14	
	28,29	15,17	X,X	12,12	21,24	12,12
	7,10		9,9.3	8,10	14,16	

TABLE 1

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

Item 3 - STR Results

26487Z-5840	GlobalFiler™ Express					
	11,12	17,22	10,14	15,16		12
3	11,12		14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	
		15,29.2	6,8	8	14,17	
2JMX63-5840	NGMSelect Express kit					
	11,12	17,22	10,14	15,16		
3	11,12		14,15		13,16	19,20
		11,11		14,16	13,15	
	30,31.2	16,16	X,Y		26,26	
		15,29.2	6,8		14,17	
2VGDRH-5840	QIAGEN Investigator GO!					
	11,12	17,22	10,14	15,16		12
3	11,12		14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	
		15,29.2	6,8	8	14,17	
37UVZF-5841	PowerPlex® Fusion 6C					
	11,12	17,22	10,14	15,16		12
3	11,12		14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	12,14
	11,16	15,29.2	6,8	8	14,17	
387R86-5840	GlobalFiler™					
	11,12	17,22	10,14	15,16		12
3	11,12		14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	
		15,29.2	6,8	8	14,17	
3LPCQY-5840	GlobalFiler™ Express					
	11,12	17,22	10,14	15,16		12
3	11,12		14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	
		15,29.2	6,8	8	14,17	
3MLT2B-5840	GlobalFiler™ Express PCR Amplification kit					
	11,12	17,22	10,14	15,16		12,12
3	11,12		14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	
		15,29.2	6,8	8,8	14,17	

TABLE 1

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

Item 3 - STR Results

3RDXYK-5841	GlobalFiler™ EXPRESS					
	11,12	17,22	10,14	15,16		12,12
3	11,12		14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	
		15,29.2	6,8	8,8	14,17	
3TAFWF-5842	PowerPlex® Fusion					
	11,12	17,22	10,14	15,16		12
3	11,12		14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	12,14
	11,16		6,8	8	14,17	
3TT8XD-5842	Qiagen GO!					
	11,12	17,22	10,14	15,16		12
3	11,12		14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	
		15,29.2	6,8	8	14,17	
3YCKNZ-5842	PowerPlex® Fusion 6C					
	11,12	17,22	10,14	15,16		12
3	11,12		14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	12,14
	11,16	15,29.2	6,8	8	14,17	
4AQ2UC-5840	GlobalFiler™ Express					
	11,12	17,22	10,14	15,16		12,12
3	11,12		14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	
		15,29.2	6,8	8,8	14,17	
4MZEDX-5840	GlobalFiler™, GlobalFiler™ Express					
	11,12	17,22	10,14	15,16		12
3	11,12		14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	
		15,29.2	6,8	8	14,17	
4P8RWK-5841	Identifiler® Direct, GlobalFiler™ Express					
	11,12	17,22	10,14	15,16		12,12
3	11,12		14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	
		15,29.2	6,8	8,8	14,17	

TABLE 1

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

Item 3 - STR Results

4W3UYV-5841	PowerPlex® Fusion					
	11,12	17,22	10,14	15,16		12
3	11,12		14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	12,14
	11,16		6,8	8	14,17	
68MBEA-5840	PowerPlex®					
	11,12	17,22	10,14	15,16		12,12
3	11,12		14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	12,14
	11,16		6,8	8,8	14,17	
6T33AV-5841	PowerPlex® Fusion 5C					
	11,12	17,22	10,14	15,16		12
3	11,12		14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	12,14
	11,16		6,8	8	14,17	
6VQE7F-5840	GlobalFiler™					
	11,12	17,22	10,14	15,16		12,12
3	11,12		14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	
		15,29.2	6,8	8,8	14,17	
6WJDG9-5840	GlobalFiler™ Express PCR Amplification Kit					
	11,12	17,22	10,14	15,16		12,12
3	11,12		14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	
		15,29.2	6,8	8,8	14,17	
7N4UW9-5840	PowerPlex® Fusion					
	11,12	17,22	10,14	15,16		12,12
3	11,12		14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	12,14
	11,16		6,8	8,8	14,17	
7WRR3W-5842	PowerPlex® Fusion 5C					
	11,12	17,22	10,14	15,16		12
3	11,12		14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	12,14
	11,16		6,8	8	14,17	

TABLE 1

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

Item 3 - STR Results

7XANXT-5840	PowerPlex® Fusion 6C					
	11,12	17,22	10,14	15,16		12
3	11,12		14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	12,14
	11,16	15,29.2	6,8	8	14,17	
7ZG9LT-5840	PowerPlex® Fusion 5C					
	11,12	17,22	10,14	15,16		12
3	11,12		14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	12,14
	11,16		6,8	8	14,17	
83ZP97-5840	PowerPlex® Fusion					
	11,12	17,22	10,14	15,16		12,12
3	11,12		14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	12,14
	11,16		6,8	8,8	14,17	
884J6W-5842	PowerPlex® Fusion 5C					
	11,12	17,22	10,14	15,16		12
3	11,12		14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	12,14
	11,16		6,8	8	14,17	
8BWDEB-5840	PowerPlex® Fusion					
	11,12	17,22	10,14	15,16		12,12
3	11,12		14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	12,14
	11,16		6,8	8,8	14,17	
8XBYBB-5840	PowerPlex® Fusion 5C					
	11,12	17,22	10,14	15,16		12,12
3	11,12		14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	12,14
	11,16		6,8	8,8	14,17	
8ZWUP3-5840	PowerPlex® Fusion 5C					
	11,12	17,22	10,14	15,16		12,12
3	11,12		14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	12,14
	11,16		6,8	8,8	14,17	

TABLE 1

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

Item 3 - STR Results

93CLDB-5841	PowerPlex® Fusion 6C					
	11,12	17,22	10,14	15,16		12
3	11,12		14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	12,14
	11,16	15,29.2	6,8	8	14,17	
962TX8-5840	GlobalFiler™ Express					
	11,12	17,22	10,14	15,16		12,12
3	11,12		14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	
		15,29.2	6,8	8,8	14,17	
97Z798-5840	PowerPlex® Fusion					
	11,12	17,22	10,14	15,16		12
3	11,12		14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	12,14
	11,16		6,8	8	14,17	
9NZ7BE-5841	GlobalFiler™ Express					
	11,12	17,22	10,14	15,16		12,12
3	11,12		14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	
		15,29.2	6,8	8,8	14,17	
9U4AZD-5841	Identifiler® Direct, GlobalFiler™ Express					
	11,12	17,22	10,14	15,16		12,12
3	11,12		14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	
		15,29.2	6,8	8,8	14,17	
A6EWQP-5840	PowerPlex® Fusion 6C					
	11,12	17,22	10,14	15,16		12
3	11,12		14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	12,14
	11,16	15,29.2	6,8	8	14,17	
AFFAYD-5842	PowerPlex® Fusion					
	11,12	17,22	10,14	15,16		12
3	11,12		14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	12,14
	11,16		6,8	8	14,17	

TABLE 1

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

Item 3 - STR Results

AGECU9-5840	QIAGEN Investigator GO!					
	11,12	17,22	10,14	15,16		12
3	11,12		14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	
		15,29.2	6,8	8	14,17	
ARBHN8-5842	PowerPlex® Fusion 5C					
	11,12	17,22	10,14	15,16		12
3	11,12		14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	12,14
	11,16		6,8	8	14,17	
AUGZM3-5840	GlobalFiler™ Express PCR Amplification Kit					
	11,12	17,22	10,14	15,16		12,12
3	11,12		14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	
		15,29.2	6,8	8,8	14,17	
B2CK7A-5840	GlobalFiler™ Express PCR Amplification Kit					
	11,12	17,22	10,14	15,16		12,12
3	11,12		14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	
		15,29.2	6,8	8,8	14,17	
B9DNG2-5842	PowerPlex® PPF 6C					
	11,12	17,22	10,14	15,16		12,12
3	11,12		14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	12,14
	11,16	15,29.2	6,8	8,8	14,17	
BEBG4Q-5842	PowerPlex® Fusion 5C					
	11,12	17,22	10,14	15,16		12
3	11,12		14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	12,14
	11,16		6,8	8	14,17	
BTYCZ2-5840	GlobalFiler™ Express PCR Amplification Kit					
	11,12	17,22	10,14	15,16		12,12
3	11,12		14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	
		15,29.2	6,8	8,8	14,17	

TABLE 1

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

Item 3 - STR Results

C4XFT3-5840	PowerPlex® 21					
	11,12	17,22		15,16		12,12
3	12,20	11,12	14,15			19,20
	8,11	11,11		14,16	13,15	
	30,31.2		X,Y	10,14	26,26	12,14
	11,16		6,8	8,8	14,17	
CBGRLA-5841	GlobalFiler™ EXPRESS					
	11,12	17,22	10,14	15,16		12,12
3		11,12	14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	
		15,29.2	6,8	8,8	14,17	
CFRWH4-5842	Qiagen Go!					
	11,12	17,22	10,14	15,16		12
3		11,12	14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	
		15,29.2	6,8	8	14,17	
CHCRVY-5840	GlobalFiler™					
	11,12	17,22	10,14	15,16		12
3		11,12	14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	
		15,29.2	6,8	8	14,17	
CPD8L4-5841	Identifiler® Direct, GlobalFiler™ Express					
	11,12	17,22	10,14	15,16		12,12
3		11,12	14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	
		15,29.2	6,8	8,8	14,17	
CPZHF7-5841	PowerPlex® Fusion 6C					
	11,12	17,22	10,14	15,16		12
3		11,12	14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	12,14
	11,16	15,29.2	6,8	8	14,17	
CVJPXB-5842	PowerPlex® Fusion					
	11,12	17,22	10,14	15,16		12
3		11,12	14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	12,14
	11,16		6,8	8	14,17	

TABLE 1

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

Item 3 - STR Results

CWGTU7-5840	24Plex GO					
		11,12	17,22	10,14	15,16	12
3		11,12	14,15		13,16	19,20
		8,11	11		14,16	13,15
		30,31.2	16	X,Y	10,14	26
			15,29.2	6,8	8	14,17
DBCULX-5841	DNATyper 19					
			17,22		15,16	12
3		12,20	11,12	14,15		19,20
		8,11	11		14,16	13,15
		30,31.2		X,Y	10,14	26
		11,16		6,8	8	14,17
DDKMZ7-5841	PowerPlex® Fusion 6C					
		11,12	17,22	10,14	15,16	12
3		11,12	14,15		13,16	19,20
		8,11	11		14,16	13,15
		30,31.2	16	X,Y	10,14	26
		11,16	15,29.2	6,8	8	14,17
DEZVE2-5842	GlobalFiler™ GlobalFiler Express					
		11,12	17,22	10,14	15,16	12
3		11,12	14,15		13,16	19,20
		8,11	11		14,16	13,15
		30,31.2	16	X,Y	10,14	26
			15,29.2	6,8	8	14,17
DNJHY2-5840	GlobalFiler™ Express PCR Amplification Kit					
		11,12	17,22	10,14	15,16	12,12
3		11,12	14,15		13,16	19,20
		8,11	11,11		14,16	13,15
		30,31.2	16,16	X,Y	10,14	26,26
			15,29.2	6,8	8,8	14,17
DPCMG2-5842	Identifiler®, PowerPlex® 16					
			17,22		15,16	12
3		11,12	14,15			
		8,11	11		14,16	13,15
		30,31.2		X,Y	10,14	26
		11,16	6,8		8	14,17
DTGZF3-5841	Identifiler® PLUS, GlobalFiler™ EXPRESS					
		11,12	17,22	10,14	15,16	12,12
3		11,12	14,15		13,16	19,20
		8,11	11,11		14,16	13,15
		30,31.2	16,16	X,Y	10,14	26,26
			15,29.2	6,8	8,8	14,17

TABLE 1

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

Item 3 - STR Results

DUKWJ3-5842	GlobalFiler™					
	11,12	17,22	10,14	15,16		12
3	11,12		14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	
		15,29.2	6,8	8	14,17	
EBGR9N-5840	GlobalFiler™ Express					
	11,12	17,22	10,14	15,16		12
3	11,12		14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	
		15,29.2	6,8	8	14,17	
EDUBE3-5842	PowerPlex® Fusion 5C					
	11,12	17,22	10,14	15,16		12
3	11,12		14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	12,14
	11,16		6,8	8	14,17	
ELCHJM-5841	PowerPlex® Fusion 5C					
	11,12	17,22	10,14	15,16		12
3	11,12		14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	12,14
	11,16		6,8	8	14,17	
ERWQPX-5842	PowerPlex® Fusion 6C					
	11,12	17,22	10,14	15,16		12,12
3	11,12		14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	12,14
	11,16	15,29.2	6,8	8,8	14,17	
EXG3FK-5840	PowerPlex® Fusion					
	11,12	17,22	10,14	15,16		12,12
3	11,12		14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	12,14
	11,16		6,8	8,8	14,17	
EXHVC8-5840	GlobalFiler™ Express					
	11,12	17,22	10,14	15,16		12,12
3	11,12		14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	
		15,29.2	6,8	8,8	14,17	

TABLE 1

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

Item 3 - STR Results

F3DP63-5840	GlobalFiler™ Express					
	11,12	17,22	10,14	15,16		12,12
3	11,12 14,15 13,16 19,20					
	8,11	11,11		14,16	13,15	
	30,31.2 16,16 X,Y 10,14 26,26					
		15,29.2	6,8	8,8	14,17	
G7NGD7-5841	GlobalFiler™ EXPRESS					
	11,12	17,22	10,14	15,16		12,12
3	11,12 14,15 13,16 19,20					
	8,11	11,11		14,16	13,15	
	30,31.2 16,16 X,Y 10,14 26,26					
		15,29.2	6,8	8,8	14,17	
GCDYPW-5840	PowerPlex® FUSION 5C					
	11,12	17,22	10,14	15,16		12,12
3	11,12 14,15 13,16					
	8,11	11,11		14,16	13,15	
	30,31.2 16,16 X,Y 10,14 26,26 12,14					
	11,16		6,8	8,8	14,17	
GE27DZ-5841	GlobalFiler™ Express					
	11,12	17,22	10,14	15,16		12,12
3	11,12 14,15 13,16 19,20					
	8,11	11,11		14,16	13,15	
	30,31.2 16,16 X,Y 10,14 26,26					
		15,29.2	6,8	8,8	14,17	
GGRA78-5841	Identifiler® Plus, GlobalFiler™ Express					
	11,12	17,22	10,14	15,16		12,12
3	11,12 14,15 13,16 19,20					
	8,11	11,11		14,16	13,15	
	30,31.2 16,16 X,Y 10,14 26,26					
		15,29.2	6,8	8,8	14,17	
GUDPA7-5841	GlobalFiler™ EXPRESS					
	11,12	17,22	10,14	15,16		12,12
3	11,12 14,15 13,16 19,20					
	8,11	11,11		14,16	13,15	
	30,31.2 16,16 X,Y 10,14 26,26					
		15,29.2	6,8	8,8	14,17	
HR37MU-5842	DNATyper 19					
		17,22		15,16		12
3	12,20 11,12 14,15 19,20					
	8,11	11		14,16	13,15	
	30,31.2 X,Y 10,14 26					
	11,16		6,8	8	14,17	

TABLE 1

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

Item 3 - STR Results

HRJKRJ-5840	PowerPlex® Fusion					
	11,12	17,22	10,14	15,16		12
3	11,12		14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	12,14
	11,16		6,8	8	14,17	
HUU8J7-5842	PowerPlex® Fusion					
	11,12	17,22	10,14	15,16		12
3	11,12		14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	12,14
	11,16		6,8	8	14,17	
HVMDLH-5840	Identifiler®					
		17,22		15,16		12
3	11,12		14,15			
	8,11	11		14,16	13,15	
	30,31.2		X,Y	10,14	26	
			6,8	8	14,17	
J2MY8P-5842	PowerPlex® Fusion					
	11,12	17,22	10,14	15,16		12
3	11,12		14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	12,14
	11,16		6,8	8	14,17	
J683ZG-5841	PowerPlex® Fusion 5C					
	11,12	17,22	10,14	15,16		12
3	11,12		14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	12,14
	11,16		6,8	8	14,17	
J9RMDX-5840						
	11,12	17,22	10,14	15,16		12
3	11,12		14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	
		15,29.2	6,8	8	14,17	
JCQ8V3-5840	GlobalFiler™ Express PCR Amplification Kit					
	11,12	17,22	10,14	15,16		12,12
3	11,12		14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	
		15,29.2	6,8	8,8	14,17	

TABLE 1

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

Item 3 - STR Results

JGGKU6-5841	GlobalFiler™ Express					
	11,12	17,22	10,14	15,16		12,12
3		11,12	14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	
		15,29.2	6,8	8,8	14,17	
JJ7QE3-5841	GlobalFiler™ Express					
	11,12	17,22	10,14	15,16		12,12
3		11,12	14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	
		15,29.2	6,8	8,8	14,17	
JTUKMR-5840	Identifiler® Plus, PowerPlex® 21					
	11,12	17,22		15,16		12,12
3		11,12	14,15			19,20
	8,11	11,11		14,16	13,15	
	30,31.2		X,Y	10,14	26,26	12,14
	11,16		6,8	8,8	14,17	
JVT8HH-5842	PowerPlex® Fusion 5C					
	11,12	17,22	10,14	15,16		12
3		11,12	14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	12,14
	11,16		6,8	8	14,17	
JVZ6AR-5840	Identifiler® Identifiler® Plus					
		17,22		15,16		12,12
3		11,12	14,15			
	8,11	11,11		14,16	13,15	
	30,31.2		X,Y	10,14	26,26	
			6,8	8,8	14,17	
KBM6H4-5841	Identifiler® Direct, GlobalFiler™ Express					
	11,12	17,22	10,14	15,16		12,12
3		11,12	14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	
		15,29.2	6,8	8,8	14,17	
KVGK3Z-5841	PowerPlex® Fusion 6C					
	11,12	17,22	10,14	15,16		12
3		11,12	14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	12,14
	11,16	15,29.2	6,8	8	14,17	

TABLE 1

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

Item 3 - STR Results

KXL9HP-5840	PowerPlex® Fusion					
		11,12	17,22	10,14	15,16	12,12
	3		11,12	14,15		13,16
		8,11	11,11		14,16	13,15
		30,31.2	16,16	X,Y	10,14	26,26
	11,16		6,8	8,8	14,17	
L7EUCU-5840	PowerPlex® Fusion					
		11,12	17,22	10,14	15,16	12
	3		11,12	14,15		13,16
		8,11	11		14,16	13,15
		30,31.2	16	X,Y	10,14	26
	11,16		6,8	8	14,17	
LQZNV-5840	PowerPlex®					
		11,12	17,22	10,14	15,16	12,12
	3		11,12	14,15		13,16
		8,11	11,11		14,16	13,15
		30,31.2	16,16	X,Y	10,14	26,26
	11,16		6,8	8,8	14,17	
LTPVKR-5842	PowerPlex® Fusion 6C					
		11,12	17,22	10,14	15,16	12,12
	3		11,12	14,15		13,16
		8,11	11,11		14,16	13,15
		30,31.2	16,16	X,Y	10,14	26,26
	11,16	15,29.2	6,8	8,8	14,17	
MP2URP-5840	PowerPlex® Fusion					
		11,12	17,22	10,14	15,16	12,12
	3		11,12	14,15		13,16
		8,11	11,11		14,16	13,15
		30,31.2	16,16	X,Y	10,14	26,26
	11,16		6,8	8,8	14,17	
N7JA9Q-5840	GlobalFiler™ Express					
		11,12	17,22	10,14	15,16	12,12
	3		11,12	14,15		13,16
		8,11	11,11		14,16	13,15
		30,31.2	16,16	X,Y	10,14	26,26
		15,29.2	6,8	8,8	14,17	
N9B9MP-5840	GlobalFiler™ Express PCR Amplification Kit					
		11,12	17,22	10,14	15,16	12,12
	3		11,12	14,15		13,16
		8,11	11,11		14,16	13,15
		30,31.2	16,16	X,Y	10,14	26,26
		15,29.2	6,8	8,8	14,17	

TABLE 1

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

Item 3 - STR Results

NAM2JC-5841	PowerPlex® Fusion 5C					
	11,12	17,22	10,14	15,16		12
3	11,12		14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	12,14
	11,16		6,8	8	14,17	
NEZNCW-5841	PowerPlex® Fusion 6C					
	11,12	17,22	10,14	15,16		12
3	11,12		14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	12,14
	11,16	15,29.2	6,8	8	14,17	
NGLQYV-5841	Identifiler® Plus, GlobalFiler™ Express					
	11,12	17,22	10,14	15,16		12,12
3	11,12		14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	
		15,29.2	6,8	8,8	14,17	
NZWMDL-5840	PowerPlex® Fusion					
	11,12	17,22	10,14	15,16		12,12
3	11,12		14,15		13,16	
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	12,14
	11,16		6,8	8,8	14,17	
PN2QTY-5841	GlobalFiler™ Express					
	11,12	17,22	10,14	15,16		12,12
3	11,12		14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	
		15,29.2	6,8	8,8	14,17	
PV4T4Q-5841	PowerPlex® Fusion 5C					
	11,12	17,22	10,14	15,16		12
3	11,12		14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	12,14
	11,16		6,8	8	14,17	
QMFGBH-5842	PowerPlex® Fusion					
	11,12	17,22	10,14	15,16		12
3	11,12		14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	12,14
	11,16		6,8	8	14,17	

TABLE 1

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

Item 3 - STR Results

R2GBNC-5840	PowerPlex® 16					
	11,12	17,22	10,14	15,16		
3			14,15		13,16	19,20
		11,11		14,16	13,15	
	30,31.2	16,16	X,Y		26	
			6,8		14,17	
RC2R6P-5840	PowerPlex® Fusion 5C					
	11,12	17,22	10,14	15,16		12,12
3			14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	12,14
	11,16		6,8	8,8	14,17	
RCKE2M-5840	PowerPlex® Fusion					
	11,12	17,22	10,14	15,16		12,12
3			14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	12,14
	11,16		6,8	8,8	14,17	
RQ3BWP-5841	GlobalFiler™ Express					
	11,12	17,22	10,14	15,16		12,12
3			14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	
		15,29.2	6,8	8,8	14,17	
RWP7TM-5840	PowerPlex® FUSION					
	11,12	17,22	10,14	15,16		12,12
3			14,15		13,16	
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	12,14
	11,16		6,8	8,8	14,17	
RXYB7B-5842	PowerPlex® Fusion 6C					
	11,12	17,22	10,14	15,16		12
3			14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	12,14
	11,16	15,29.2	6,8	8	14,17	
TFWTYR-5841	Identifiler® Direct, GlobalFiler™ Express					
	11,12	17,22	10,14	15,16		12,12
3			14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	
		15,29.2	6,8	8,8	14,17	

TABLE 1

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

Item 3 - STR Results

U2AZMQ-5841	GlobalFiler™ Express					
	11,12	17,22	10,14	15,16		12,12
3	11,12 14,15 13,16 19,20					
	8,11	11,11		14,16	13,15	
	30,31.2 16,16 X,Y 10,14 26,26					
		15,29.2	6,8	8,8	14,17	
U34N87-5841	PowerPlex® Fusion 5C					
	11,12	17,22	10,14	15,16		12
3	11,12 14,15 13,16 19,20					
	8,11	11		14,16	13,15	
	30,31.2 16 X,Y 10,14 26 12,14					
	11,16		6,8	8	14,17	
UA66E7-5841	PowerPlex® Fusion					
	11,12	17,22	10,14	15,16		12
3	11,12 14,15 13,16 19,20					
	8,11	11		14,16	13,15	
	30,31.2 16 X,Y 10,14 26 12,14					
	11,16		6,8	8	14,17	
ULX7L-5841	Identifiler® Direct, GlobalFiler™ Express					
	11,12	17,22	10,14	15,16		12,12
3	11,12 14,15 13,16 19,20					
	8,11	11,11		14,16	13,15	
	30,31.2 16,16 X,Y 10,14 26,26					
		15,29.2	6,8	8,8	14,17	
UQ8MMP-5840	GlobalFiler™ Express					
	11,12	17,22	10,14	15,16		12,12
3	11,12 14,15 13,16 19,20					
	8,11	11,11		14,16	13,15	
	30,31.2 16,16 X,Y 10,14 26,26					
		15,29.2	6,8	8,8	14,17	
URMVZK-5840	PowerPlex® Fusion 5C					
	11,12	17,22	10,14	15,16		12,12
3	11,12 14,15 13,16 19,20					
	8,11	11,11		14,16	13,15	
	30,31.2 16,16 X,Y 10,14 26,26 12,14					
	11,16		6,8	8,8	14,17	
UY4FYP-5841	GlobalFiler™ EXPRESS					
	11,12	17,22	10,14	15,16		12,12
3	11,12 14,15 13,16 19,20					
	8,11	11,11		14,16	13,15	
	30,31.2 16,16 X,Y 10,14 26,26					
		15,29.2	6,8	8,8	14,17	

TABLE 1

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

Item 3 - STR Results

VAGYWR-5841	Identifiler® DIRECT, PLUS, GlobalFiler™ EXPRESS					
	11,12	17,22	10,14	15,16		12,12
3		11,12	14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	
		15,29.2	6,8	8,8	14,17	
VBWGT7-5841	PowerPlex® 5C					
	11,12	17,22	10,14	15,16		12
3		11,12	14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	12,14
	11,16		6,8	8	14,17	
VM72BD-5840	GlobalFiler™					
	11,12	17,22	10,14	15,16		12
3		11,12	14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	
		15,29.2	6,8	8	14,17	
VTCPRK-5841	GlobalFiler™ EXPRESS					
	11,12	17,22	10,14	15,16		12,12
3		11,12	14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	
		15,29.2	6,8	8,8	14,17	
VURULC-5840	GlobalFiler™					
	11,12	17,22	10,14	15,16		12
3		11,12	14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	
		15,29.2	6,8	8	14,17	
WHAWUE-5840	PowerPlex® Fusion					
	11,12	17,22	10,14	15,16		12,12
3		11,12	14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	12,14
	11,16		6,8	8,8	14,17	
WJ9Q3K-5840	PowerPlex® Fusion 5C					
	11,12	17,22	10,14	15,16		12
3		11,12	14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	12,14
	11,16		6,8	8	14,17	

TABLE 1

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

Item 3 - STR Results

WUK4VK-5842	PowerPlex® Fusion 5C					
	11,12	17,22	10,14	15,16		12
3	11,12		14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	12,14
	11,16		6,8	8	14,17	
WZN9M4-5840	GlobalFiler™ Express					
	11,12	17,22	10,14	15,16		12
3	11,12		14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	
		15,29.2	6,8	8	14,17	
X3AA8H-5841	GlobalFiler™ EXPRESS					
	11,12	17,22	10,14	15,16		12,12
3	11,12		14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	
		15,29.2	6,8	8,8	14,17	
X79NTM-5841	GlobalFiler™ Express					
	11,12	17,22	10,14	15,16		12,12
3	11,12		14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	
		15,29.2	6,8	8,8	14,17	
XBQNaN-5840	GlobalFiler™ Express PCR Amplification Kit					
	11,12	17,22	10,14	15,16		12,12
3	15,15		14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	
		15,29.2	6,8	8,8	14,17	
XDTQVJ-5840	GlobalFiler™					
	11,12	17,22	10,14	15,16		12,12
3	11,12		14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	
		15,29.2	6,8	8,8	14,17	
XNXPUK-5840	PowerPlex® Fusion					
	11,12	17,22	10,14	15,16		12,12
3	11,12		14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	12,14
	11,16		6,8	8,8	14,17	

TABLE 1

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

Item 3 - STR Results

XVBQ6M-5841	GlobalFiler™ Express					
		11,12	17,22	10,14	15,16	12,12
	3		11,12	14,15		13,16
		8,11	11,11		14,16	13,15
		30,31.2	16,16	X,Y	10,14	26,26
		15,29.2	6,8	8,8	14,17	
Y2UDBC-5840	DNATyper19					
			17,22		15,16	12
	3	12,20	11,12	14,15		19,20
		8,11	11		14,16	13,15
		30,31.2		X,Y	10,14	26
	11,16		6,8	8	14,17	
Y8MA3N-5841	Identifiler® Direct, GlobalFiler™ Express					
		11,12	17,22	10,14	15,16	12,12
	3		11,12	14,15		13,16
		8,11	11,11		14,16	13,15
		30,31.2	16,16	X,Y	10,14	26,26
		15,29.2	6,8	8,8	14,17	
YCEJA2-5840	Identifiler®					
			17,22		15,16	12
	3		11,12	14,15		19,20
		8,11	11		14,16	13,15
		30,31.2		X,Y	10,14	26
			6,8	8	14,17	
YJCE7E-5840	GlobalFiler™ Express PCR Amplification Kit					
		11,12	17,22	10,14	15,16	12,12
	3		11,12	14,15		13,16
		8,11	11,11		14,16	13,15
		30,31.2	16,16	X,Y	10,14	26,26
		15,29.2	6,8	8,8	14,17	
YVHCT4-5840	PowerPlex® Fusion 6C					
		11,12	17,22	10,14	15,16	12
	3		11,12	14,15		13,16
		8,11	11		14,16	13,15
		30,31.2	16	X,Y	10,14	26
	11,16	15,29.2	6,8	8	14,17	12,14
Z9VW2E-5840	GlobalFiler™					
		11,12	17,22	10,14	15,16	12,12
	3		11,12	14,15		13,16
		8,11	11,11		14,16	13,15
		30,31.2	16,16	X,Y	10,14	26,26
		15,29.2	6,8	8,8	14,17	

TABLE 1

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

Item 3 - STR Results

ZDJN3F-5841	GlobalFiler™ Express					
	11,12	17,22	10,14	15,16		12,12
3		11,12	14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	
		15,29.2	6,8	8,8	14,17	
ZLC4PY-5841	PowerPlex® Fusion					
	11,12	17,22	10,14	15,16		12,12
3		11,12	14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	12,14
	11,16		6,8	8,8	14,17	
ZQU2FB-5840	PowerPlex® Fusion 5C					
	11,12	17,22	10,14	15,16		12,12
3		11,12	14,15		13,16	
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	12,14
	11,16		6,8	8,8	14,17	
ZR49H4-5841	GlobalFiler™					
	11,12	17,22	10,14	15,16	-	12
3	-	11,12	14,15	-	13,16	19,20
	8,11	11	-	14,16	13,15	-
	30,31.2	16	X,Y	10,14	26	-
	-	15,29.2	6,8	8	14,17	
ZVQLNZ-5841	PowerPlex® Fusion 5C					
	11,12	17,22	10,14	15,16		12
3		11,12	14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	12,14
	11,16		6,8	8	14,17	
ZWUJT2-5840	GlobalFiler™ Express					
	11,12	17,22	10,14	15,16		12
3		11,12	14,15		13,16	19,20
	8,11	11		14,16	13,15	
	30,31.2	16	X,Y	10,14	26	
		15,29.2	6,8	8	14,17	
ZXCDTC-5840	PowerPlex® Fusion 5C					
	11,12	17,22	10,14	15,16		12,12
3		11,12	14,15		13,16	19,20
	8,11	11,11		14,16	13,15	
	30,31.2	16,16	X,Y	10,14	26,26	12,14
	11,16		6,8	8,8	14,17	

YSTR Amplification Kit(s) & Results

TABLE 2

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

Item 1 - YSTR Results

26487Z-5840											
1	[REDACTED]										
											2
2VGDRH-5840											
1	[REDACTED]										
											2
37UVZF-5841	PowerPlex® Fusion 6C										
1	[REDACTED]										
				17	18						2
387R86-5840	GlobalFiler™										
1	[REDACTED]										
											2
3LPCQY-5840											
1	[REDACTED]										
											2
3MLT2B-5840	PowerPlex® Y 23 systems										
1		14	11,14	13	29	24	11	13	13	15	
	12	12	19		15	16		22			
		12	13	17	18			23	10	12	2
3RDXYK-5841	GlobalFiler™										
1	[REDACTED]										
											2
3TAFWF-5842	PowerPlex® Fusion										
1	[REDACTED]										
											2
3TT8XD-5842	Qiagen GO!										
1	[REDACTED]										
											2
3YCKNZ-5842	PowerPlex® Fusion 5C										
1	[REDACTED]										
											2
4MZEDX-5840											
1	[REDACTED]										
											2

TABLE 2

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

Item 1 - YSTR Results

4P8RWK-5841	GlobalFiler™										
1											11
<hr/>											
4W3UYV-5841	Yfiler®										
1	14	11,14	13	29	24	11	13	13	15		
	12	12	19	15	16				23	12	
<hr/>											
68MBEA-5840											
1											11
<hr/>											
6T33AV-5841	PowerPlex® Fusion 5C										
1											11
<hr/>											
6VQE7F-5840	PowerPlex® Y										
1	14	11,14	13	29	24	11	13	13	15		
	12	12	19	15	16				22		
	12	13	17	18				23	10	12	2
<hr/>											
6WJDG9-5840	PowerPlex® Y 23 system										
1	14	11,14	13	29	24	11	13	13	15		
	12	12	19	15	16				22		
	12	13	17	18				23	10	12	2
<hr/>											
7N4UW9-5840	PowerPlex® Fusion										
1											11
<hr/>											
7WRR3W-5842	PowerPlex® Y 23										
1	14	11,14	13	29	24	11	13	13	15		
	12	12	19	15	16				22		
	12	13	17	18				23	10	12	
<hr/>											
7XANXT-5840	PowerPlex® Fusion 6C										
1											11
											17
											18
<hr/>											
7ZG9LT-5840											
1											11
<hr/>											
83ZP97-5840	PowerPlex® Y 23, PowerPlex® Fusion										
1	14	11,14	13	29	24	11	13	13	15		
	12	12	19	15	16				22		
	12	13	17	18				23	10	12	

TABLE 2

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

Item 1 - YSTR Results

884J6W-5842	PowerPlex® Fusion 5C										
1							11				
[Redacted]											
8BWDEB-5840	PowerPlex® Fusion										
1							11				
[Redacted]											
8XBYBB-5840	PowerPlex® Fusion 5C										
1							11				
[Redacted]											
8ZWUP3-5840	PowerPlex® Fusion 5C										
1							11				
[Redacted]											
93CLDB-5841	PowerPlex® Fusion 6C										
1							11				
[Redacted]											
			17	18							
97Z798-5840	PowerPlex® Y 23										
1	14	11,14	13	29	24	11	13	13	15		
[Redacted]											
	12	12	19	15	16		22				
	12	13	17	18				23	10	12	
9NZ7BE-5841	GlobalFiler™										
1							11				
[Redacted]											
											2
9U4AZD-5841	GlobalFiler™										
1							11				
[Redacted]											
											2
A6EWQP-5840	PowerPlex® Fusion 6C										
1							11				
[Redacted]											
							17	18			
AFFAYD-5842	Yfiler®, PowerPlex® Fusion										
1	14	11,14	13	29	24	11	13	13	15		
[Redacted]											
	12	12	19	15	16				23	12	
AGECU9-5840											
1							11				
[Redacted]											

TABLE 2

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

Item 1 - YSTR Results

ARBHN8-5842	PowerPlex® Fusion 5C									
1	11									
AUGZM3-5840	PowerPlex® Y Y23 system									
1	14	11,14	13	29	24	11	13	13	15	
	12	12	19	15	16		22			
	12	13	17	18			23	10	12	2
B2CK7A-5840	PowerPlex® Y 23 System									
1	14	11,14	13	29	24	11	13	13	15	
	12	12	19	15	16		22			
	12	13	17	18			23	10	12	2
B9DNG2-5842	PowerPlex® Fusion PPF 6C									
1	11									
	17 18									
BEBG4Q-5842	PowerPlex® Y 23									
1	14	11,14	13	29	24	11	13	13	15	
	12	12	19	15	16		22			
	12	13	17	18			23	10	12	
BTYCZ2-5840	PowerPlex® Y 23 System									
1	14	11,14	13	29	24	11	13	13	15	
	12	12	19	15	16		22			
	12	13	17	18			23	10	12	2
CBGRLA-5841	GlobalFiler™									
1	11									
	2									
CFRWH4-5842	Qiagen Gol									
1	11									
CHCRV-5840										
1	11									
	2									
CPD8L4-5841	GlobalFiler™									
1	11									
	2									
CPZHF7-5841	PowerPlex® Fusion Fusion 6C									
1	11									
	17 18									

TABLE 2

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

Item 1 - YSTR Results

CVJXPB-5842	Yfiler®, PowerPlex® Fusion									
1	14	11,14	13	29	24	11	13	13	15	
	12	12	19	15	16					
							23		12	
CWGTU7-5840										
1	11									
DBCULX-5841	DNATyper Y28									
1	35,36	14	11,14	13	29	24	11	13	13	15
	12	12	19	29	15	16	11	22		37
		12			18			23		12
DDKMZ7-5841										
1	11									
	17 18									
DEZVE2-5842										
1	11									
	2									
DNJHY2-5840	PowerPlex® Y 23									
1	14	11,14	13	29	24	11	13	13	15	
	12	12	19	15	16		22			
		12	13	17	18		23	10	12	2
DPCMG2-5842	Yfiler®									
1	14	11,14	13	29	24	11	13	13	15	
	12	12	19	15	16					
							23		12	
DTGZF3-5841	GlobalFiler™									
1	11									
	2									
EBGR9N-5840										
1	11									
	2									
EDUBE3-5842	PowerPlex® Fusion 5C									
1	11									
ELCHJM-5841	PowerPlex® Fusion 5C									
1	11									

TABLE 2

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

Item 1 - YSTR Results

ERWQPX-5842	PowerPlex® Fusion 6C									
1	11									
	17 18									
EXG3FK-5840	Yfiler®, PowerPlex® Fusion									
1	14	11,14	13	29	24	11	13	13	15	
	12	12	19	15	16					
							23		12	
EXHVC8-5840	PowerPlex® Y 23 System									
1	14	11,14	13	29	24	11	13	13	15	
	12	12	19	15	16		22			
	12	13	17	18			23	10	12	2
G7NGD7-5841	Yfiler®, GLOBALFILER EXPRESS									
1	14	11,14	13	29	24	11	13	13	15	
	12	12	19	15	16					
							23		12	2
GCDYPW-5840	PowerPlex® Fusion 5C									
1	11									
GE27DZ-5841	GlobalFiler™									
1	11									
	2									
GGRA78-5841	GlobalFiler™									
1	11									
	2									
GUDPA7-5841	Yfiler®, GlobalFiler™									
1	14	11,14	13	29	24	11	13	13	15	
	12	12	19	15	16					
							23		12	2
HR37MU-5842	DNATyper Y28									
1	35,36	14	11,14	13	29	24	11	13	13	15
	12	12	19	29	15	16	11	22		37
		12			18			23		12
HRJKRJ-5840	Yfiler®, PowerPlex® Fusion									
1	14	11,14	13	29	24	11	13	13	15	
	12	12	19	15	16					
							23		12	
HUU8J7-5842	Yfiler®, PowerPlex® Fusion									
1	14	11,14	13	29	24	11	13	13	15	
	12	12	19	15	16					
							23		12	

TABLE 2

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

Item 1 - YSTR Results

J2MY8P-5842	Yfiler®, PowerPlex® Fusion									
1	14	11,14	13	29	24	11	13	13	15	
	12	12	19	15	16					
							23		12	
J683ZG-5841	PowerPlex® Fusion 5C									
1						11				
J9RMDX-5840	Qiagen GO!									
1						11				
JCQ8V3-5840	PowerPlex® Y 23 System									
1	14	11,14	13	29	24	11	13	13	15	
	12	12	19	15	16		22			
	12	13	17	18			23	10	12	2
JGGKU6-5841	GlobalFiler™									
1						11				
										2
JJ7QE3-5841	GlobalFiler™									
1						11				
										2
JTUKMR-5840	Yfiler®									
1	14	11,14	13	29	24	11	13	13	15	
	12	12	19	15	16					
							23		12	
JVT8HH-5842	PowerPlex® Y 23, PowerPlex® Fusion 5C									
1	14	11,14	13	29	24	11	13	13	15	
	12	12	19	15	16		22			
	12	13	17	18			23	10	12	
JVZ6AR-5840	Yfiler® YFiler® Plus									
1	35,36	14,14	11,14	13,13	29,29	24,24	11,11	13,13	13,13	15,15
	12,12	12,12	19,19	29,29	15,15	16,16	11,11	22,22		37,37
	12,12		17,17	18,18			19,19	23,23		12,12
KBM6H4-5841	GlobalFiler™									
1						11				
										2
KVGK3Z-5841	Yfiler®									
1	14	11,14	13	29	24	11	13	13	15	
	12	12	19	15	16					
			17	18			23		12	

TABLE 2

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

Item 1 - YSTR Results

KXL9HP-5840	PowerPlex® Fusion										
1											11
<hr/>											
L7EUCU-5840	PowerPlex® Y 23										
1	14	11,14	13	29	24	11	13	13	15		
	12	12	19	15	16	22					
	12	13	17	18	23	10	12				
<hr/>											
LQZNV-5840	PowerPlex® Fusion										
1											11
<hr/>											
LTPVKR-5842	PowerPlex® Fusion 6C										
1											11
											17 18
<hr/>											
MP2URP-5840	PowerPlex® Y 23										
1	14	11,14	13	29	24	11	13	13	15		
	12	12	19	15	16	22					
	12	13	17	18	23	10	12				
<hr/>											
N9B9MP-5840	PowerPlex® Y 23 System										
1	14	11,14	13	29	24	11	13	13	15		
	12	12	19	15	16	22					
	12	13	17	18	23	10	12	2			
<hr/>											
NAM2JC-5841	PowerPlex® Fusion 5C										
1											11
<hr/>											
NEZNCW-5841	PowerPlex® Fusion 6C										
1											11
											17 18
<hr/>											
NGLQYV-5841	GlobalFiler™										
1											11
											2
<hr/>											
NZWMDL-5840	PowerPlex® Fusion										
1											11
<hr/>											
PN2QTY-5841	GlobalFiler™										
1											11
											2

TABLE 2

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

Item 1 - YSTR Results

PV4T4Q-5841	PowerPlex® Fusion 5C									
1	11									
QMFGBH-5842	Yfiler®, PowerPlex® Fusion									
1	14	11,14	13	29	24	11	13	13	15	
	12	12	19	15	16					
								23	12	
R2GBNC-5840	PowerPlex® Y									
1	14	11,14	13	29	24	11	13	13	15	
	12	12	19	15	16			22		
	12	13	17	18				23	10	12
RC2R6P-5840	PowerPlex® Fusion 5C									
1	11									
RCKE2M-5840										
1	11									
RQ3BWP-5841	GlobalFiler™									
1	11									
	2									
RWP7TM-5840	PowerPlex® Fusion									
1	11									
RXYB7B-5842										
1	11									
	17 18									
TFWYR-5841	GlobalFiler™									
1	11									
	2									
U2AZMQ-5841	GlobalFiler™									
1	11									
	2									
U34N87-5841	PowerPlex® Fusion 5C									
1	11									

TABLE 2

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

Item 1 - YSTR Results

UA66E7-5841	PowerPlex® Fusion									
1	11									
ULJX7L-5841	GlobalFiler™									
1	11									
URMVZK-5840	PowerPlex® Fusion 5C									
1	11									
UY4FYP-5841	Yfiler®, GlobalFiler Express									
1	14	11,14	13	29	24	11	13	13	15	
	12	12	19	15	16					
							23		12	2
VAGYWR-5841	GlobalFiler™									
1	11									
VBWGT7-5841	PowerPlex® Fusion 5C									
1	11									
VM72BD-5840	GlobalFiler™									
1	11									
VTCPRK-5841	GlobalFiler™									
1	11									
VURULC-5840										
1	11									
WHAWUE-5840	PowerPlex® Fusion									
1	11									
WJ9Q3K-5840	PowerPlex® Y 23									
1	14	11,14	13	29	24	11	13	13	15	
	12	12	19	15	16					
		12	13	17	18		23	10	12	

TABLE 2

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

Item 1 - YSTR Results

WUK4VK-5842	PowerPlex® Fusion 5C									
1	11									
WZN9M4-5840	PowerPlex® Fusion 5C									
1	11									
X3AA8H-5841	GlobalFiler™									
1	11									
X79NTM-5841	Yfiler®, GlobalFiler™									
1	14	11,14	13	29	24	11	13	13	15	
	12	12	19	15	16					
							23		12	2
XBQNaN-5840	PowerPlex® Y 23 System									
1	14	11,14	13	29	24	11	13	13	15	
	12	12	19	15	16		22			
	12	13	17	18			23	10	12	2
XDTQVJ-5840	GlobalFiler™									
1	11									
XNXPUK-5840	GlobalFiler™									
1	11									
XVBQ6M-5841	Yfiler®, GlobalFiler™									
1	14	11,14	13	29	24	11	13	13	15	
	12	12	19	15	16					
							23		12	2
Y2UDBC-5840	DNATyper Y28									
1	35/36	14	11,14	13	29	24	11	13	13	15
	12	12	19	29	15	16	11	22		37
		12			18			23		12
Y8MA3N-5841	GlobalFiler™									
1	11									
YJCE7E-5840	PowerPlex® Y 23 System									
1	14	11,14	13	29	24	11	13	13	15	
	12	12	19	15	16		22			
	12	13	17	18			23	10	12	2

TABLE 2

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

Item 1 - YSTR Results

YVHCT4-5840	PowerPlex® Fusion 6C									
1	11									
	17 18									
Z9VW2E-5840	Yfiler®									
1	35,36	14	11,14	13	29	24	11	13	13	15
	12	12	19	29	15	16	11	22		37
		12		17	18		19	23		12 2
ZDJN3F-5841	GlobalFiler™									
1	11									
	2									
ZLC4PY-5841	Yfiler®, PowerPlex® Fusion									
1		14	11,14	13	29	24	11	13	13	15
	12	12	19		15	16				
								23		12
ZQU2FB-5840	PowerPlex® Fusion 5C									
1	11									
ZR49H4-5841	GlobalFiler™									
1	-	-	-	-	-	-	11	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	- 2
ZVQLNZ-5841	PowerPlex® Fusion 5C									
1	11									
ZWUJT2-5840	GlobalFiler™ Express									
1	11									
	2									
ZXCDTC-5840	PowerPlex® Fusion 5C									
1	11									

TABLE 2

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

Item 2 - YSTR Results

3RDXYK-5841	GlobalFiler™											
2												
3TAFWF-5842	PowerPlex® Fusion	NR										
2												
3TT8XD-5842	Qiagen GO!											
2												
3YCKNZ-5842	PowerPlex® Fusion 5C	no results										
2												
4P8RWK-5841	GlobalFiler™											
2												
6T33AV-5841	PowerPlex® Fusion 5C											
2												
7N4UW9-5840	PowerPlex® Fusion											
2												
83ZP97-5840	PowerPlex® Y 23, PowerPlex® Fusion											
2												
8BWDEB-5840	PowerPlex® Fusion											
2												
8XBYBB-5840	PowerPlex® Fusion 5C	NR										
2												
8ZWUP3-5840	PowerPlex® Fusion 5C											
2												

TABLE 2

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

Item 2 - YSTR Results

93CLDB-5841	PowerPlex® Fusion 6C									
2	NR									
[Redacted]										
NR				NR						
97Z798-5840	PowerPlex® Y 23									
2	[Redacted]									
9NZ7BE-5841	GlobalFiler™									
2	[Redacted]									
9U4AZD-5841	GlobalFiler™									
2	[Redacted]									
AFFAYD-5842	Yfiler®, PowerPlex® Fusion									
2	NR	NR,NR	NR	NR	NR	NR	NR	NR	NR	NR
[Redacted]										
NR								NR		NR
NR							NR			
ARBHN8-5842	PowerPlex® Fusion 5C									
2	No Results									
[Redacted]										
AUGZM3-5840	no result									
2	[Redacted]									
B9DNG2-5842	PowerPlex® Fusion PPF 6C									
2	[Redacted]									
CBGRLA-5841	GlobalFiler™									
2	[Redacted]									
CPD8L4-5841	GlobalFiler™									
2	[Redacted]									
CVJXPB-5842	Yfiler®, PowerPlex® Fusion									
2	NR	NR,NR	NR	NR	NR	NR	NR	NR	NR	NR
[Redacted]										
NR								NR		NR
NR							NR			
NR								NR		NR

TABLE 2

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

Item 2 - YSTR Results

DPCMG2-5842	Yfiler®										
2		0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0					
								0		0	

DTGZF3-5841	GlobalFiler™										
2											

EDUBE3-5842	PowerPlex® Fusion 5C										
2											

ELCHJM-5841	PowerPlex® Fusion 5C										
2											

ERWQPX-5842	PowerPlex® Fusion 6C										
2											

F3DP63-5840	GlobalFiler™										
2											

G7NGD7-5841	Yfiler®, GLOBALFILER EXPRESS										
2											

GCDYPW-5840	PowerPlex® Fusion 5C										
2											

GE27DZ-5841	GlobalFiler™										
2											

GGRA78-5841	GlobalFiler™										
2											

GUDPA7-5841	Yfiler®, GlobalFiler™										
2											

TABLE 2

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

Item 2 - YSTR Results

HUU8J7-5842	Yfiler®, PowerPlex® Fusion									
2	NR	NR	NR,NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR		NR	NR			NR	NR
J2MY8P-5842	Yfiler®, PowerPlex® Fusion									
2	NR	NR	NR,NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR		NR	NR			NR	NR
J683ZG-5841	PowerPlex® Fusion 5C									
2										
JGGKU6-5841	GlobalFiler™									
2										
JJ7QE3-5841	GlobalFiler™									
2										
JVZ6AR-5840	Yfiler® YFiler® Plus									
2	/	/	/	/	/	/	/	/	/	/
	/	/	/	/	/	/	/	/	/	/
		/		/	/		/	/		/
KBM6H4-5841	GlobalFiler™									
2										
KVGK3Z-5841	PowerPlex® Fusion 6C									
2	NR									
				NR	NR					
KXL9HP-5840	PowerPlex® Fusion									
2										
L7EUCU-5840	PowerPlex® Y 23									
2										
LQZNZV-5840	PowerPlex® Fusion									
2										

TABLE 2

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

Item 2 - YSTR Results

LTPVKR-5842	PowerPlex® Fusion 6C	[REDACTED]									
MP2URP-5840	PowerPlex® Y 23	[REDACTED]									
N7JA9Q-5840	GlobalFiler™	[REDACTED]									
NAM2JC-5841	PowerPlex® Fusion 5C	[REDACTED]									
NEZNCW-5841	PowerPlex® Fusion 6C	[REDACTED] NR									
		NR NR									
NGLQYV-5841	GlobalFiler™	[REDACTED]									
NZWMDL-5840	PowerPlex® Fusion	[REDACTED]									
PN2QTY-5841	GlobalFiler™	[REDACTED]									
PV4T4Q-5841	PowerPlex® Fusion 5C	[REDACTED]									
QMFGBH-5842	Yfiler®, PowerPlex® Fusion	NR	NR	NR	NR	NR	NR	NR	NR	NR	
		NR	NR	NR	NR	NR					
							NR		NR		
RC2R6P-5840	PowerPlex® Fusion 5C	[REDACTED] NR									

TABLE 2

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

Item 2 - YSTR Results

RQ3BWP-5841	GlobalFiler™	2	[REDACTED]								
RWP7TM-5840	PowerPlex® Fusion	2	[REDACTED]								
TFWYR-5841	GlobalFiler™	2	[REDACTED]								
ULX7L-5841	GlobalFiler™	2	[REDACTED]								
URMVZK-5840	PowerPlex® Fusion 5C	2	[REDACTED]								
UY4FYP-5841	Yfiler®	2	[REDACTED]								
VAGYWR-5841	GlobalFiler™	2	[REDACTED]								
VBWGT7-5841	PowerPlex® Fusion 5C	2	[REDACTED]								
VTCPRK-5841	GlobalFiler™	2	[REDACTED]								
WHAWUE-5840	PowerPlex® Fusion	2	[REDACTED]								
WJ9Q3K-5840	PowerPlex® Y 23	2	[REDACTED]								

TABLE 2

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

Item 2 - YSTR Results

X3AA8H-5841	GlobalFiler™	[REDACTED]										
XVBQ6M-5841	Yfiler®, GlobalFiler™	[REDACTED]										
Y8MA3N-5841	GlobalFiler™	[REDACTED]										
YVHCT4-5840	PowerPlex® Fusion 6C	[REDACTED]										
ZDJN3F-5841	GlobalFiler™	[REDACTED]										
ZLC4PY-5841	Yfiler®, PowerPlex® Fusion	[REDACTED]										
ZQU2FB-5840	PowerPlex® Fusion 5C	[REDACTED]										
ZR49H4-5841	GlobalFiler™	-	-	-	-	-	-	NR	-	-	-	-
ZWUJT2-5840	GlobalFiler™ Express	-	-	-	-	-	-	-	-	-	-	NR
ZXCDTC-5840	PowerPlex® Fusion 5C	[REDACTED]										

TABLE 2

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

Item 3 - YSTR Results

4MZEDX-5840										
3	10									
<hr/>										
4P8RWK-5841	GlobalFiler™									
3	10									
<hr/>										
4W3UYV-5841	Yfiler®									
3	16	12	15	30	23	10	11	13	14	
	10	12	20	14	16					
<hr/>										
68MBEA-5840	PowerPlex® Fusion									
3	10									
<hr/>										
6T33AV-5841	PowerPlex® Fusion 5C									
3	10									
<hr/>										
6VQE7F-5840	PowerPlex® Y									
3	16	12,12	15	30	23	10	11	13	14	
	10	12	20	14	16		23			
	12	9	19	17			21	12	11	2
<hr/>										
6WJDG9-5840	PowerPlex® Y 23 system									
3	16	12,12	15	30	23	10	11	13	14	
	10	12	20	14	16		23			
	12	9	19	17			21	12	11	2
<hr/>										
7N4UW9-5840	PowerPlex® Fusion									
3	10									
<hr/>										
7WRR3W-5842	PowerPlex® Y 23									
3	16	12	15	30	23	10	11	13	14	
	10	12	20	14	16		23			
	12	9	19	17			21	12	11	
<hr/>										
7XANXT-5840	PowerPlex® Fusion 6C									
3	10									
<hr/>										
	19 17									
<hr/>										
7ZG9LT-5840										
3	10									
<hr/>										

TABLE 2

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

Item 3 - YSTR Results

83ZP97-5840	PowerPlex® Y 23, PowerPlex® Fusion									
3	16	12,12	15	30	23	10	11	13	14	
	10	12	20	14	16		23			
	12	9	19	17			21	12	11	
884J6W-5842	PowerPlex® Fusion 5C									
3						10				
8BWDEB-5840	PowerPlex® Fusion									
3						10				
8XBYBB-5840	PowerPlex® Fusion 5C									
3						10				
8ZWUP3-5840	PowerPlex® Fusion 5C									
3						10				
93CLDB-5841	PowerPlex® Fusion 6C									
3							10			
			19	17						
962TX8-5840	GlobalFiler™ Express									
3						10				
97Z798-5840	PowerPlex® Y 23, PowerPlex® Fusion									
3	16	12	15	30	23	10	11	13	14	
	10	12	20	14	16		23			
	12	9	19	17			21	12	11	
9NZ7BE-5841	GlobalFiler™									
3						10				2
9U4AZD-5841	GlobalFiler™									
3						10				2
A6EWQP-5840	PowerPlex® Fusion 6C									
3						10				
			19	17						

TABLE 2

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

Item 3 - YSTR Results

AFFAYD-5842	Yfiler®, PowerPlex® Fusion									
3	16	12,12	15	30	23	10	11	13	14	
	10	12	20	14	16					
							21			11
AGECU9-5840										
3	10									
ARBHN8-5842	PowerPlex® Fusion 5C									
3	10									
AUGZM3-5840	PowerPlex® Y Y23 System									
3	16	12,12	15	30	23	10	11	13	14	
	10	12	20	14	16		23			
		12	9	19	17		21	12	11	2
B2CK7A-5840	PowerPlex® Y Y23 System									
3	16	12,12	15	30	23	10	11	13	14	
	10	12	20	14	16		23			
		12	9	19	17		21	12	11	2
B9DNG2-5842	PowerPlex® Fusion PPF 6C									
3	10									
			19	17						
BEBG4Q-5842	PowerPlex® Y 23									
3	16	12	15	30	23	10	11	13	14	
	10	12	20	14	16		23			
		12	9	19	17		21	12	11	
BTYCZ2-5840	PowerPlex® Y 23 System									
3	16	12,12	15	30	23	10	11	13	14	
	10	12	20	14	16		23			
		12	9	19	17		21	12	11	2
CBGRLA-5841	GlobalFiler™									
3	10									
										2
CFRWH4-5842	Qiagen Go!									
3	10									
CHCRVY-5840										
3	10									
										2

TABLE 2

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

Item 3 - YSTR Results

CPD8L4-5841	GlobalFiler™									
3	10									
	2									
CPZHF7-5841	PowerPlex® Fusion Fusion 6C									
3	10									
	19 17									
CVJPB-5842	Yfiler®, PowerPlex® Fusion									
3	16	12,12	15	30	23	10	11	13	14	
	10	12	20	14	16					
	21 11									
CWGTU7-5840										
3	10									
DBCULX-5841	DNATyper Y28									
3	35,38	16	12	15	30	23	10	11	13	14
	10	12	20	27	14	16	10	23		35
	12 17 21 11									
DDKMZ7-5841	PowerPlex® Fusion Fusion 6C									
3	10									
	19 17									
DEZVE2-5842										
3	10									
	2									
DNJHY2-5840	PowerPlex® Y 23									
3	16	12,12	15	30	23	10	11	13	14	
	10	12	20	14	16		23			
	12	9	19	17			21	12	11	2
DPCMG2-5842	Yfiler®									
3	16	12	15	30	23	10	11	13	14	
	10	12	20	14	16					
	21 11									
DTGZF3-5841	GlobalFiler™									
3	10									
	2									
EBGR9N-5840										
3	10									
	2									

TABLE 2

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

Item 3 - YSTR Results

EDUBE3-5842	PowerPlex® Fusion 5C										
3						10					
<hr/>											
ELCHJM-5841	PowerPlex® Fusion 5C										
3						10					
<hr/>											
ERWQPX-5842	PowerPlex® Fusion 6C										
3						10					
<hr/>											
EXG3FK-5840	Yfiler®, PowerPlex® Fusion										
3	16	12	15	30	23	10	11	13	14		
	10	12	20	14	16			21	11		
<hr/>											
EXHVC8-5840	PowerPlex® Y 23										
3	16	12,12	15	30	23	10	11	13	14		
	10	12	20	14	16			23			
		12	9	19	17			21	12	11	
										2	
<hr/>											
F3DP63-5840	GlobalFiler™										
3						10					
<hr/>											
G7NGD7-5841	Yfiler®, GLOBALFILER EXPRESS										
3	16	12	15	30	23	10	11	13	14		
	10	12	20	14	16			21	11	2	
<hr/>											
GCDYPW-5840	PowerPlex® Fusion 5C										
3						10					
<hr/>											
GE27DZ-5841	GlobalFiler™										
3						10					
<hr/>											
GGRA78-5841	GlobalFiler™										
3						10					
<hr/>											
GUDPA7-5841	Yfiler®, GlobalFiler™										
3	16	12	15	30	23	10	11	13	14		
	10	12	20	14	16			21	11	2	

TABLE 2

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

Item 3 - YSTR Results

HR37MU-5842	DNATyper Y28									
3	35,38	16	12	15	30	23	10	11	13	14
	10	12	20	27	14	16	10	23		35
		12			17			21		11
HRJKRJ-5840	Yfiler®, PowerPlex® Fusion									
3		16	12	15	30	23	10	11	13	14
	10	12	20		14	16				
								21		11
HUU8J7-5842	Yfiler®, PowerPlex® Fusion									
3		16	12,12	15	30	23	10	11	13	14
	10	12	20		14	16				
								21		11
J2MY8P-5842	Yfiler®, PowerPlex® Fusion									
3		16	12,12	15	30	23	10	11	13	14
	10	12	20		14	16				
								21		11
J683ZG-5841	PowerPlex® Fusion 5C									
3							10			
J9RMDX-5840	Qiagen GO!									
3							10			
JCQ8V3-5840	PowerPlex® Y 23 System									
3		16	12,12	15	30	23	10	11	13	14
	10	12	20		14	16		23		
		12	9	19	17			21	12	11
										2
JGGKU6-5841	GlobalFiler™									
3							10			
										2
JJ7QE3-5841	GlobalFiler™									
3							10			
										2
JTUKMR-5840	Yfiler®									
3		16	12,12	15	30	23	10	11	13	14
	10	12	20		14	16				
								21		11
JVT8HH-5842	PowerPlex® Y 23, PowerPlex® Fusion 5C									
3		16	12	15	30	23	10	11	13	14
	10	12	20		14	16		23		
		12	9	19	17			21	12	11

TABLE 2

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

Item 3 - YSTR Results

JVZ6AR-5840	Yfiler® YFiler® Plus									
3	35,38	16,16	12,12	15,15	30,30	23,23	10,10	11,11	13,13	14,14
	10,10	12,12	20,20	27,27	14,14	16,16	10,10	23,23		35,35
		12,12		19,19	17,17		22,22	21,21		11,11
KBM6H4-5841	GlobalFiler™									
3							10			
										2
KVGK3Z-5841	Yfiler®									
3		16	12	15	30	23	10	11	13	14
	10	12	20		14	16				
				19	17			21		11
KXL9HP-5840	PowerPlex® Fusion									
3							10			
L7EUCU-5840	PowerPlex® Y 23									
3		16	12	15	30	23	10	11	13	14
	10	12	20		14	16		23		
		12	9	19	17			21	12	11
LQZNZY-5840	PowerPlex® Fusion									
3							10			
LTPVKR-5842	PowerPlex® Fusion 6C									
3							10			
				19	17					
MP2URP-5840	PowerPlex® Y 23									
3		16	12,12	15	30	23	10	11	13	14
	10	12	20		14	16		23		
		12	9	19	17			21	12	11
N7JA9Q-5840	GlobalFiler™									
3							10			
N9B9MP-5840	PowerPlex® Y 23 System									
3		16	12	15	30	23	10	11	13	14
	10	12	20		14	16		23		
		12	9	19	17			21	12	11
NAM2JC-5841	PowerPlex® Fusion 5C									
3							10			

TABLE 2

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

Item 3 - YSTR Results

NEZNCW-5841	PowerPlex® Fusion 6C									
3	10									
	19 17									
NGLQYV-5841	GlobalFiler™									
3	10									
	2									
NZWMDL-5840	PowerPlex® Fusion									
3	10									
PN2QTY-5841	GlobalFiler™									
3	10									
	2									
PV4T4Q-5841	PowerPlex® Fusion 5C									
3	10									
QMFGBH-5842	Yfiler®, PowerPlex® Fusion									
3	16	12,12	15	30	23	10	11	13	14	
	10	12	20	14	16					
							21		11	
R2GBNC-5840										
3	16	12	15	30	23	10	11	13	14	
	10	12	20	14	16		23			
	12	9	19	17			21	12	11	
RC2R6P-5840	PowerPlex® Fusion 5C									
3	10									
RCKE2M-5840										
3	10									
RQ3BWP-5841	GlobalFiler™									
3	10									
	2									
RWP7TM-5840	PowerPlex® Fusion									
3	10									

TABLE 2

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

Item 3 - YSTR Results

RXYB7B-5842										
3							10			
			19	17						
TFWYR-5841	GlobalFiler™									
3							10			
										2
U2AZMQ-5841	GlobalFiler™									
3							10			
										2
U34N87-5841	PowerPlex® Fusion 5C									
3							10			
UA66E7-5841	PowerPlex® Fusion									
3							10			
ULJX7L-5841	GlobalFiler™									
3							10			
										2
UQ8MMP-5840	GlobalFiler™ Express									
3							10			
URMVZK-5840	PowerPlex® Fusion 5C									
3							10			
UY4FYP-5841	Yfiler®, GlobalFiler Express									
3		16	12	15	30	23	10	11	13	14
	10	12	20		14	16				
								21	11	2
VAGYWR-5841	GlobalFiler™									
3							10			
										2
VBWGT7-5841	PowerPlex® Fusion 5C									
3							10			

TABLE 2

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

Item 3 - YSTR Results

VM72BD-5840	GlobalFiler™									
3	10									
	2									
VTCPRK-5841	GlobalFiler™									
3	10									
	2									
VURULC-5840										
3	10									
	2									
WHAWUE-5840	PowerPlex® Fusion									
3	10									
WJ9Q3K-5840	PowerPlex® Fusion 23									
3	16	12	15	30	23	10	11	13	14	
	10	12	20	14	16		23			
	12	9	19	17			21	12	11	
WUK4VK-5842	PowerPlex® Fusion 5C									
3	10									
WZN9M4-5840										
3	10									
	2									
X3AA8H-5841	GlobalFiler™									
3	10									
	2									
X79NTM-5841	Yfiler®, GlobalFiler™									
3	16	12	15	30	23	10	11	13	14	
	10	12	20	14	16					
							21		11	2
XBQNAN-5840	PowerPlex® Y 23 System									
3	14	11,14	13	29	24	11	13	13	15	
	12	12	19	15	16		22			
	12	13	17	18			23	10	12	2
XDTQVJ-5840	GlobalFiler™									
3	10									
	2									

TABLE 2

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

Item 3 - YSTR Results

XNXPUK-5840											
3							10				
[Redacted]											
XVBQ6M-5841	Yfiler®, GlobalFiler™										
3	16	12	15	30	23	10	11	13	14		
	10	12	20	14	16			21	11	2	
Y2UDBC-5840	DNATyper Y28										
3	35,38	16	12	15	30	23	10	11	13	14	
	10	12	20	27	14	16	10	23		35	
	12		17			21		11			
Y8MA3N-5841	GlobalFiler™										
3							10				
[Redacted]											
2											
YJCE7E-5840	PowerPlex® Y 23 System										
3	16	12,12	15	30	23	10	11	13	14		
	10	12	20	14	16	23					
	12	9	19	17	21		12	11	2		
YVHCT4-5840	PowerPlex® Fusion 6C										
3							10				
[Redacted]											
19				17							
Z9VW2E-5840	Yfiler®										
3	35,38	16	12	15	30	23	10	11	13	14	
	10	12	20	27	14	16	10	23		35	
	12	19			17	22	21	11		2	
ZDJN3F-5841	GlobalFiler™										
3							10				
[Redacted]											
2											
ZLC4PY-5841	Yfiler®, PowerPlex® Fusion										
3	16	12	15	30	23	10	11	13	14		
	10	12	20	14	16			21	11		
ZQU2FB-5840	PowerPlex® Fusion 5C										
3							10				
[Redacted]											
ZR49H4-5841	GlobalFiler™										
3	-	-	-	-	-	-	10	-	-	-	
	-	-	-	-	-	-	-	-	-	-	
	-	-	-	-	-	-	-	-	-	2	

Additional DNA Results

TABLE 3

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

Locus	WebCode-Test	Item 1	Item 2	Item 3
DYS444	DBCULX-5841	12		13
	HR37MU-5842	12		13
	Y2UDBC-5840	12		13
DYS447	DBCULX-5841	26		26
	HR37MU-5842	26		26
	Y2UDBC-5840	26		26
DYS508	DBCULX-5841	11		12
	HR37MU-5842	11		12
	Y2UDBC-5840	11		12

Additional Comments

TABLE 4

WebCode-Test	Additional Comments
26487Z-5840	Item 1 exhibited significant peak height imbalance at vWA. It was reproduced in a separate amplification of the item. Both alleles are being reported, which would be consistent with our current protocol. Multiple amplifications were performed to develop a reportable profile for item 3, it was very low level.
2JMX63-5840	With regards to Item 1, the 'F' at vWA denotes a low level '18' allele; that the pairing of 17,18 was observed such that it did not reach our reporting criteria.
2VGDRH-5840	Item 1 = 201702454. Item 2 = 201702455. Item 3 = 201702456
3LPCQY-5840	Both GlobalFiler and GlobalFiler Express were run on this proficiency.
3TT8XD-5842	Please add Qiagen Investigator 24plex loci order to the casework and database proficiency test forms. Thank you.
3YCKNZ-5842	Samples labeled Item 1 and Item 2 were tested and charted using the PCR-based Promega PowerPlex Fusion 5C kit. Item 3 was tested and charted using the PCR-based Promega PowerPlex Fusion 6C kit. All evidence will be retained at [Laboratory] until the proficiency results are confirmed, at which point the evidence will be discarded.
4AQ2UC-5840	Sample 1: peak height ration imbalance of 40% OK per protocol. Sample 3: Y-indel not analyzed by laboratory, results not provided.
4MZEDX-5840	Item 1 for Test. No 17-5840 was punched three separate times and amplified and analyzed within a single project. Item 1 exhibited peak height imbalance at vWA for all profiles. The peak heights ratios were as follows: 23.48%, 28.75% and 22.42%. Each profile developed from Item 1 was evaluated and it was determined as originating from a single source based on consideration of the entire profile. Thus, vWA was reported as a heterozygote. This determination was supported by the DNA Database protocol.
7XANXT-5840	Item 2 was tested using Fusion 6C, however no Y-STR results are reported due to being female.
7ZG9LT-5840	On 2/7/2017, the three samples from the 17-5840 pack were punched in a location where the most success was found in validation for a typical sample received from collection. Upon analysis, it was noted that there was very little profile that was generated. The samples were reinjected for 15 seconds and almost full profiles were obtained. The samples were set to be repunched. On 2/21/2017, the three samples were repunched in a position that was slightly further into the sample and fully in the color changed white portion. This location was chosen because almost a full profile was observed at the 15 second mark for the previous samples. The results appeared to yield less of a profile than the first punch despite what would be considered a better punch position for most situations. Results were given to DNA unit supervisor and QA manager. New samples were requested. On 3/1/2017, the original samples were punched a third time directly in the middle. The new set of three samples was punched three times. The third punch for the original set showed full profiles for Item 1 and Item 2. Some drop out was observed on Item 3. The same pattern of low profile yield was seen in the second set of samples at P1 and P2. P3 for all three samples yielded a full profile. Like Item 3 from the first set of samples, Item 3A from set two was low even when punched in the middle. Conclusion: Method of application of the DNA to FTA card is not equivalent to application of a swab to FTA used in actual collection causing the observed patterns and results departing from what is typically seen in samples.
8XBYBB-5840	NR = No Result
93CLDB-5841	NR indicates no results obtained
962TX8-5840	No results for Yindel marker; per validation, range filter used for this marker. Item 1 (PTS000216): PHR imbalance at vWA, ok per protocol.
A6EWQP-5840	Item 2 was tested using Fusion 6C, however no Y-STR results are reported due to being female.
AFFAYD-5842	NR = No Results. Fusion and YFiler were performed on Items 1-3. All results were concordant.

TABLE 4

WebCode-Test	Additional Comments
AGECU9-5840	Item 1/Individual 1 Sample ID#201702484. Item 2/Individual 2 Sample ID#201702485. Item 3/Individual 3 Sample ID#201702486.
CVJXPB-5842	Information in "Additional DNA" tab from testing with PowerPlex Fusion. An area for reporting DYS391 is not included with the other PowerPlex Fusion loci. All tested samples exhibited concordance between testing with PowerPlex Fusion and Y-Filer. NR=No Results
CWGTU7-5840	Item 1 = 201701816. Item 2 = 201701817. Item 3 = 201701818
DDKMZ7-5841	^ indicates peaks below stochastic threshold as per [Laboratory] policy
DEZVE2-5842	Item 1 was re-extracted using the GlobalFiler amplification kit with 100% concordant results.
F3DP63-5840	Item 1 exhibited a peak height ratio of 43% and 38% at vWA (17>18). Lab policy to not analyze the Y indel locus in the Globalfiler Express kit.
GCDYPW-5840	Items 2 and 3 were processed 2 times and the allele values for the D12S391 locus were not obtained due to the observed values being below the interpretational guidelines for reporting.
HUU8J7-5842	PowerPlex Fusion and YFiler were performed on Item 1, Item 2, and Item 3. Concordance was seen at DYS391 for all 3 samples. NR = No Results
J2MY8P-5842	PowerPlex Fusion and Yfiler was performed on Items 1, 2 and 3; results were concordant at DYS391. NR= No results
J9RMDX-5840	Please include Qiagen Investigator/GO! loci order.
KVGK3Z-5841	ADDITIONAL RESULTS FROM LOCI DYS391, DYS576, AND DYS570 FOR ITEMS 1 AND 3 WERE OBTAINED FROM THE POWERPLEX FUSION 6C KIT. NR == NO RESULTS AT THIS LOCUS
LTPVKR-5842	All methods performed manually by [Initials].
N7JA9Q-5840	Item 3 - This item was tested using the GlobalFiler Express amplification kit. Although Item 3 is a male sample, there are no results reported for the Y-indel due to the range filter being turned off per database laboratory procedures.
NEZNCW-5841	NR indicates no results
NZWMDL-5840	Item 3 was processed 3 times and the allele values for the D12S391 locus were not obtained due to the observed values being below the interpretational guidelines for reporting.
QMFGBH-5842	Concordance was verified at locus DYS391 between the PowerPlex Fusion and Y-Filer kits for all tested items. NR=No Results
RC2R6P-5840	NR=No Result
RWP7TM-5840	Item 1 was processed two times and the allele values for the D12S391 locus were not obtained due to the observed values being below the interpretational guidelines for reporting. Item 3 was processed two times and the allele values for the D12S391 locus were not obtained due to the observed values being below the interpretational guidelines for reporting.
RXYB7B-5842	Items 1 and 3 were tested and charted using the PCR-based PowerPlex Fusion 6C System. Item 2 was tested and charted using the PCR-based PowerPlex Fusion 5C System. All evidence will be retained at [Laboratory] until the proficiency results are confirmed, at which point the evidence will be discarded.
UQ8MMP-5840	Per the [Laboratory] Globalfiler Express Validation, [Laboratory] does not collect data on the Y-indel marker. For Item 1 - PHR imbalance at vWA was confirmed with reprocessing and is acceptable per [Laboratory] protocol.
WUK4VK-5842	Items 1, 2, and 3 were tested and charted using the PCR-based PowerPlex Fusion 5C System. All evidence will be retained at [Laboratory] until the proficiency results are confirmed, at which point the evidence will be discarded.

TABLE 4

WebCode-Test	Additional Comments
WZN9M4-5840	GlobalFiler Express and GlobalFiler were both run on the samples.
YJCE7E-5840	Item 1 found imbalance at vWA because of lower than 50% and according to analysis criteria of my laboratory, imbalance upper than 35% report as full profile after confirmed by re-sampling.
ZLC4PY-5841	YSTR amplification for Item 2 yielded no results. According to the Powerplex Fusion amplification Item 2 is (X,X) at Amelogenin. Therefore, I would not expect YSTR results for Item 2.
ZQU2FB-5840	Item 3 was processed 2 times and the allele values for the D12 locus were not obtained due to the observed values being below the interpretational guidelines for reporting.
ZR49H4-5841	Item #1 profile demonstrated severe imbalance at vWA. The 17 allele was much higher than the 18 allele: The 18 allele was observed at 27% of the height of the 17 allele. NR = No Result obtained.

Appendix: Data Sheet

Collaborative Testing Services ~ Forensic Testing Program Test No. 17-5840: DNA Database - Saliva

DATA MUST BE RECEIVED BY March 27, 2017 TO BE INCLUDED IN THE REPORT

Participant Code:

WebCode:

Accreditation Release Statement

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

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

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

Scenario:

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

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

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

Please return all pages of this data sheet.

Page 1 of 7

Part I: DNA ANALYSIS (on following pages)

DNA Analysis Instructions:

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

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

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

The data sheet has been updated to include the GlobalFiler™ and PowerPlex® Fusion amplification kits. The sheet has also been updated to include the Next Generation Sequencing Kit ForenSeq™ and the associated STR and YSTR loci.

The YSTR section has also been expanded to include all of the Yfiler® Plus loci.

For the amplification kits that contain both STR and YSTR loci, please select the corresponding kit in the STR and YSTR sections, and enter the loci for those sections.

If a locus is not listed on the following pages of this data sheet, use the "Additional DNA Results" table below to report those results.

Additional DNA Results:

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

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

Please return all pages of this data sheet.

Participant Code:

WebCode:

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

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

COfiler®/Profiler Plus® Identifiler® _____ PowerPlex® _____

GlobalFiler™ _____ ForenSeq™ _____ Other _____

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

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

Yfiler® _____ GlobalFiler™ _____ PowerPlex® Fusion _____

PowerPlex® Y _____ ForenSeq™ _____ Other _____

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

Please return all pages of this data sheet.

Participant Code:

WebCode:

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

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

COfiler®/Profiler Plus®
 Identifiler® _____
 PowerPlex® _____
 GlobalFiler™ _____
 ForenSeq™ _____
 Other _____

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

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

Yfiler® _____
 GlobalFiler™ _____
 PowerPlex® Fusion _____
 PowerPlex® Y _____
 ForenSeq™ _____
 Other _____

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

Please return all pages of this data sheet.

Participant Code:

WebCode:

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

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

COfiler®/Profiler Plus®
 Identifiler® _____
 PowerPlex® _____
 GlobalFiler™ _____
 ForenSeq™ _____
 Other _____

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

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

Yfiler® _____
 GlobalFiler™ _____
 PowerPlex® Fusion _____
 PowerPlex® Y _____
 ForenSeq™ _____
 Other _____

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

Please return all pages of this data sheet.

Participant Code:

WebCode:

Part II: ADDITIONAL COMMENTS

Comments regarding any part of this test.

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

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

Return Instructions: Data must be received via online data entry, fax (please include a cover sheet), or mail by *March 27, 2017* to be included in the report.

QUESTIONS?

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

Participant Code:

ONLINE DATA ENTRY: www.cts-portal.com

FAX: +1-571-434-1937
 MAIL: Collaborative Testing Services, Inc.
 P.O. Box 650820
 Sterling, VA 20165-0820 USA

Please return all pages of this data sheet.

Page 6 of 7

Collaborative Testing Services ~ Forensic Testing Program

RELEASE OF DATA TO ACCREDITATION BODIES

The following Accreditation Releases will apply only to:

Participant Code:

WebCode:

for Test No. **17-5840: DNA Database - Saliva**

This release page must be completed and received by **March 27, 2017** to have this participant's submitted data included in the reports forwarded to the respective Accreditation Bodies.

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

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

ASCLD/LAB Certificate No. _____

ANAB Certificate No. _____

A2LA Certificate No. _____

Step 2: Complete the Laboratory Identifying Information in its entirety

Signature and Title _____

Laboratory Name _____

Location (City/State) _____

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

Please return all pages of this data sheet.

Page 7 of 7