



## **DNA-Blood Test No. 15-585 Summary Report**

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This proficiency test was sent to 303 participants. Each participant received a sample pack consisting of two known bloodstains and two questioned stains which they were requested to analyze using their existing protocols. Data were returned from 247 participants (82% 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 pack consisted of two known bloodstains on FTA Micro cards (Items 1 & 2), and two questioned stains one on clean, grey material (Item 3) and one on clean, pink material (Item 4). Participants were requested to analyze these items using their existing protocols.

SAMPLE PREPARATION: All stains were prepared from human whole blood which was either drawn into citric acid preservative bloodbank bags or EDTA tubes. Item 1 (75  $\mu$ l) was created using blood collected from a female, Item 2 (75  $\mu$ l) and Item 3 (50 $\mu$ l) were created using blood collected from the same male and Item 4 was created using blood collected from a female donor different from the Item 1 female donor. Stains from different sources were prepared at separate times and were packaged once they were thoroughly dried. Completed sample sets were stored at -20°C until shipment on August 31, 2015 following receipt of predistribution results.

SAMPLE SET ASSEMBLY: For each sample set, all four Items (1-4) were placed in a pre-labeled sample pack envelope and then into a larger pre-labeled envelope which was heat 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 and associations.

### Amelogenin and STR Results

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

<b>Item</b>	<b>D1S1656 D8S1179 D19S433 Penta D</b>	<b>D2S1338 D10S1248 D21S11 Penta E</b>	<b>D2S441 D12S391 D22S1045 SE33</b>	<b>D3S1358 D13S317 Amelogenin TH01</b>	<b>D5S818 D16S539 CSF1PO TPOX</b>	<b>D7S820 D18S51 FGA vWA</b>
1	15,18.3 13,15 13,14 9,11	19,25 13,17 29,29 7,14	10,11 15,18 16,16 18,28.2	15,17 10,12 X,X 8,9.3	13,13 11,11 12,12 8,11	11,11 16,17 20,24 16,17
2	11,14 14,15 14,14 9,11	16,20 14,14 29,32.2 11,13	11,15 18,25 15,17 19,31.2	14,15 8,14 X,Y 9,9.3	11,11 11,12 12,12 8,11	12,12 10,14 22,23 16,17
3	11,14 14,15 14,14 9,11	16,20 14,14 29,32.2 11,13	11,15 18,25 15,17 19,31.2	14,15 8,14 X,Y 9,9.3	11,11 11,12 12,12 8,11	12,12 10,14 22,23 16,17
4	13,17.3 14,15 13,14 7,13	22,24 12,15 28,31 12,12	11,12 17,19 17,17 16,17	16,17 12,14 X,X 6,7	12,16 11,12 8,14 8,11	8,8 15,15 23,26 16,16

### YSTR Results

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

<b>Item</b>	<b>DYS19 DYS437 DYS549</b>	<b>DYS385 DYS438 DYS570</b>	<b>DYS389-I DYS439 DYS576</b>	<b>DYS389-II DYS448 DYS635</b>	<b>DYS390 DYS456 DYS643</b>	<b>DYS391 DYS458 Y GATA H4</b>	<b>DYS392 DYS481 Y Indel</b>	<b>DYS393 DYS533</b>
2	16 14 12	11,14 11 20	13 10 20	30 20 23	25 17 10	11 17 12	11 22 *	13 12
3	16 14 12	11,14 11 20	13 10 20	30 20 23	25 17 10	11 17 12	11 22 *	13 12

\* Results were not received from a minimum of 10 participants for the YSTR locus indicated.

## **Summary Comments**

The DNA-Blood test is part of the DNA Sample Specific Series; where participants are advised of the body fluid(s) that make up the questioned stains. The test is designed to allow participants to assess their proficiency in the analysis of dried stains where screening has already been completed. Participants were supplied with two "known" bloodstains (Items 1 and 2) and two "questioned" stains (Items 3 and 4). Item 1 was created using blood collected from a female donor. Item 2 and Item 3 were created using blood collected from the same male donor. Item 4 was created using blood collected from a female donor different from the donor used for Item 1. (See Manufacturer's Information for preparation details)

Of the 247 responding participants, 200 reported DNA interpretations. All reporting participants excluded the victim (Item 1) as possible contributor to the Item 3 and Item 4 stains. All but one participant included the suspect (Item 2) as a possible contributor to Item 3 and excluded the suspect (Item 2) as a possible contributor to Item 4. The one differing participant reported the Item 3 profile in the Item 4 location and vice versa.

Two participants reported STR allelic results that differed from the consensus/predistribution results. One participant reported inconsistent alleles at a single locus for both Item 1 and Item 4. One participant reported the Item 3 profile in the Item 4 location and vice versa.

Two participants reported YSTR allelic results that differed from the consensus/predistribution results. One participant reported an inconsistent Y allele at a single locus for Item 3. One participant reported the Item 3 profile in the Item 4 location and vice versa.

**STR Results**

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
<b>Item 1 - STR Results</b>							
287ZFL	<i>Identifiler® ID, ID+, Minifiler</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
28TY3Z	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
2BQH3D	<i>Identifiler® Direct</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
2H6C93	<i>Identifiler®</i>						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
					8,9.3	8,11	16,17
2JJZCF	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
2Q42RR	<i>GlobalFiler</i>						
	1	15,18.3	19,25	10,11	15,17	13,13	11,11
		13,15	13,17	15,18	10,12	11,11	16,17
		13,14	29,29	16,16	X,X	12,12	21,24
		-	-	18,28.2	8,9.3	8,11	16,17
2YFB27	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
					8,9.3	8,11	16,17
2ZP6ZR	<i>Identifiler®</i>						
	1	n/a	19,25	n/a	15,17	13,13	11,11
		13,15	n/a	n/a	10,12	11,11	16,17
		13,14	29,29	n/a	X,X	12,12	20,24
		n/a	n/a	n/a	8,9.3	8,11	16,17
32GKM9	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 1 - STR Results

33QP3H	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
				8,9.3	8,11	16,17	
3CWPHB	<i>Identifiler® Direct</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
				8,9.3	8,11	16,17	
3G8KFT	<i>PowerPlex® Fusion</i>						
	1	15,18.3	19,25	10,11	15,17	13	11
		13,15	13,17	15,18	10,12	11	16,17
		13,14	29	16	X	12	20,24
	9,11	7,14		8,9.3	8,11	16,17	
3HJKDM	<i>PowerPlex® 16 HS</i>						
	1				15,17	13,13	11,11
		13,15			10,12	11,11	16,17
			29,29		X,X	12,12	20,24
	9,11	7,14		8,9.3	8,11	16,17	
3N86F4	<i>Identifiler®</i>						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
				8,9.3	8,11	16,17	
3QX7LR	<i>PowerPlex® Fusion</i>						
	1	15,18.3	19,25	10,11	15,17	13	11
		13,15	13,17	15,18	10,12	11	16,17
		13,14	29	16	X	12	20,24
	9,11	7,14		8,9.3	8,11	16,17	
42E7XE	<i>Identifiler®</i>						
	1	not tested	19,25	not tested	15,17	13,13	11,11
		13,15	not tested	not tested	10,12	11,11	16,17
		13,14	29,29	not tested	X,X	12,12	20,24
	not tested	not tested	not tested	8,9.3	8,11	16,17	
4APM8Z	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
				8,9.3	8,11	16,17	
4DLDDC	<i>Identifiler®</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
				8,9.3	8,11	16,17	

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 1 - STR Results

4MTXUL	PowerPlex® 16 HS 1				15,17	13,13	11,11
		13,15			10,12	11,11	16,17
			29,29		X,X	12,12	20,24
		9,11	7,14		8,9.3	8,11	16,17
4TXUF8	Identifiler® Plus 1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
696DR4	PowerPlex® Fusion 1	15,18.3	19,25	10,11	15,17	13	11
		13,15	13,17	15,18	10,12	11	16,17
		13,14	29	16	X,X	12	20,24
		9,11	7,14		8,9.3	8,11	16,17
69QNQC	Identifiler® Plus 1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
6AM42N	Identifiler® Direct 1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X,X	12	20,24
					8,9.3	8,11	16,17
6D2U96	Identifiler® Plus 1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
6EWGHM	Identifiler® 1	N/A	19,25	N/A	15,17	13,13	11,11
		13,15	N/A	N/A	10,12	11,11	16,17
		13,14	29,29	N/A	X,X	12,12	20,24
		N/A	N/A	N/A	8,9.3	8,11	16,17
6HHZ6E	Identifiler® Plus 1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
6LGGG9	Identifiler® Plus 1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
					8,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 1 - STR Results

6PHGH6	<i>Identifiler®</i>	1	19,25		15,17	13	11
			13,15		10,12	11	16,17
			13,14	29	X	12	20,24
					8,9.3	8,11	16,17
6RJPLF	<i>Identifiler® Plus</i>	1	19,25		15,17	13,13	11,11
			13,15		10,12	11,11	16,17
			13,14	29,29	X,X	12,12	20,24
					8,9.3	8,11	16,17
6RM8KE	<i>PowerPlex® PowerPlex 21</i>	1	15,18.3	N/A	15,17	13,13	11,11
			13,15	N/A	10,12	11,11	16,17
			13,14	29,29	N/A	X,X	20,24
			9,11	7,14	N/A	8,9.3	8,11
6XAW7A	<i>Identifiler®</i>	1	19,25		15,17	13,13	11,11
			13,15		10,12	11,11	16,17
			13,14	29,29	X,X	12,12	20,24
					8,9.3	8,11	16,17
6YMRNV	<i>Identifiler®</i>	1	19,25		15,17	13	11
			13,15		10,12	11	16,17
			13,14	29	X	12	20,24
					8,9.3	8,11	16,17
767EW6	<i>Identifiler® Plus</i>	1	19,25		15,17	13	11
			13,15		10,12	11	16,17
			13,14	29	X	12	20,24
					8,9.3	8,11	16,17
76Z29A	<i>Identifiler®</i>	1	19,25		15,17	13	11
			13,15		10,12	11	16,17
			13,14	29	X	12	20,24
					8,9.3	8,11	16,17
77F732	<i>Identifiler®</i>	1	19,25		15,17	13	11
			13,15		10,12	11	16,17
			13,14	29	X	12	20,24
					8,9.3	8,11	16,17
7FQKVU	<i>Identifiler® Plus</i>	1	19,25		15,17	13,13	11,11
			13,15		10,12	11,11	16,17
			13,14	29,29	X,X	12,12	20,24
					8,9.3	8,11	16,17



TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 1 - STR Results

7K3D49	PowerPlex® PowerPlex 18D						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
		9,11	7,14		8,9.3	8,11	16,17
7PA48E	Identifiler® Plus						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
				8,9.3	8,11	16,17	
7PEGUB	Identifiler®						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
				8,9.3	8,11	16,17	
7U32W6	PowerPlex® FUSION						
	1	15,18.3	19,25	10,11	15,17	13,13	11,11
		13,15	13,17	15,18	10,12	11,11	16,17
		13,14	29,29	16,16	X,X	12,12	20,24
		9,11	7,14	-	8,9.3	8,11	16,17
7WPKX3	Identifiler®						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
				8,9.3	8,11	16,17	
866LWC	Identifiler® Plus						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
				8,9.3	8,11	16,17	
886U2M	PowerPlex® ESX-17						
	1	15,18.3	19,25	10,11	15,17		
		13,15	13,17	15,18		11	16,17
		13,14	29	16	X		20,24
				18,28.2	8,9.3		16,17
8EAN4V	Identifiler®						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
				8,9.3	8,11	16,17	
8FG9K4	PowerPlex® FUSION						
	1	15,18.3	19,25	10,11	15,17	13,13	11,11
		13,15	13,17	15,18	10,12	11,11	16,17
		13,14	29,29	16,16	X,X	12,12	20,24
		9,11	7,14	-	8,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 1 - STR Results

8J2VL4	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
					8,9.3	8,11	16,17
8KXCXZ	<i>Identifiler® PLUS</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
8L6NF3	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
8MYLJ3	<i>Identifiler®</i>						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
					8,9.3	8,11	16,17
8RTH9T	<i>Identifiler® Plus, PowerPlex® ESX17</i>						
	1	15,18.3	19,25	10,11	15,17	13,13	11,11
		13,15	13,17	15,18	10,12	11,11	16,17
		13,14	29,29	16,16	X,X	12,12	20,24
				18,28.2	8,9.3	8,11	16,17
8WMD9F	<i>Identifiler® , Minifiler</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
9AUHY9	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
9C2VL2	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
					8,9.3	8,11	16,17
9D6TPG	<i>Identifiler®</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 1 - STR Results

9DA944	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
					8,9.3	8,11	16,17
9MVEUF	<i>PowerPlex® 16HS</i>						
	1				15,17	13,13	11,11
		13,15			10,12	11,11	16,17
			29,29		X,X	12,12	20,24
		9,11	7,14		8,9.3	8,11	16,17
9NQWWG	<i>PowerPlex® 16</i>						
	1				15,17	13,13	11,11
		13,15			10,12	11,11	16,17
			29,29		X,X	12,12	20,24
		9,11	7,14		8,9.3	8,11	16,17
9VDHAV	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
					8,9.3	8,11	16,17
9VT2R8	<i>Identifiler®</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
A39YZQ	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
A4ZZ29	<i>Identifiler® Direct</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
A8KR96	<i>PowerPlex® 18D</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
		9,11	7,14		8,9.3	8,11	16,17
A99JZ2	<i>globalfiler</i>						
	1	15,18.3	19,25	10,11	15,17	13,13	11,11
		13,15	13,17	15,18	10,12	11,11	16,17
		13,14	29,29	16,16	X,X	12,12	20,24
				18,28.2	8,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 1 - STR Results

A9CT92	<i>Identifiler®</i>						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
					8,9.3	8,11	16,17
AHJLL2	<i>Identifiler® Direct</i>						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
					8,9.3	8,11	16,17
ALG3XV	<i>Identifiler® Plus</i>						
	1	NA	19,25	NA	15,17	13,13	11,11
		13,15	NA	NA	10,12	11,11	16,17
		13,14	29,29	NA	X,X	12,12	20,24
		NA	NA	NA	8,9.3	8,11	16,17
AR7RCE	<i>PowerPlex® 16HS</i>						
	1				15,17	13,13	11,11
		13,15			10,12	11,11	16,17
			29,29		X,X	12,12	20,24
		9,11	7,14		8,9.3	8,11	16,17
AUAFVA	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
B4EUBG	<i>PowerPlex® Fusion</i>						
	1	15,18.3	19,25	10,11	15,17	13	11
		13,15	13,17	15,18	10,12	11	16,17
		13,14	29	16	X	12	20,24
		9,11	7,14		8,9.3	8,11	16,17
BEZXHG	<i>Identifiler® Direct</i>						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X,X	12	20,24
					8,9.3	8,11	16,17
BLGNQU	<i>Identifiler® Plus, MiniFiler</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
BMNTHW	<i>Identifiler®</i>						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
					8,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 1 - STR Results

BQTYG8	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
BR2UEN	<i>GlobalFiler Express</i>						
	1	15,18.3	19,25	10,11	15,17	13,13	11,11
		13,15	13,17	15,18	10,12	11,11	16,17
		13,14	29,29	16,16	X,X	12,12	20,24
				18,28.2	8,9.3	8,11	16,17
BTWAQK	<i>PowerPlex® Fusion, GlobalFiler</i>						
	1	15,18.3	19,25	10,11	15,17	13	11
		13,15	13,17	15,18	10,12	11	16,17
		13,14	29	16	X	12	20,24
		9,11	7,14	18,28.2	8,9.3	8,11	16,17
C74DXZ	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
					8,9.3	8,11	16,17
C9MPCW	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
					8,9.3	8,11	16,17
CAH8EX	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
					8,9.3	8,11	16,17
CBVPRB	<i>Identifiler®</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
CCK9EU	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
CERBGT	<i>Identifiler®</i>						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
					8,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 1 - STR Results

CF3FUG	<i>PowerPlex® PowerPlex16HS, PowerPlex-ESX-17</i>						
	1	15,18.3 13,15 13,14 9,11	19,25 13,17 29 7,14	10,11 15,18 16 18,28.2	15,17 10,12 X 8,9.3	13 11 12 8,11	11 16,17 20,24 16,17
CNLET3	<i>Identifiler®</i>						
	1	13,15 13,14	19,25 29,29		15,17 10,12 X,X 8,9.3	13,13 11,11 12,12 8,11	11,11 16,17 20,24 16,17
CPR2ZF	<i>PowerPlex® Fusion</i>						
	1	15,18.3 13,15 13,14 9,11	19,25 13,17 29 7,14	10,11 15,18 16	15,17 10,12 X 8,9.3	13 11 12 8,11	11 16,17 20,24 16,17
CWRE4P	<i>Identifiler®</i>						
	1	13,15 13,14	19,25 29		15,17 10,12 X 8,9.3	13 11 12 8,11	11 16,17 20,24 16,17
CWTFM3	<i>PowerPlex® 18D</i>						
	1	13,15 13,14 9,11	19,25 29,29 7,14		15,17 10,12 X,X 8,9.3	13,13 11,11 12,12 8,11	11,11 16,17 20,24 16,17
CZBDJ6	<i>Identifiler® Plus</i>						
	1	13,15 13,14	19,25 29,29		15,17 10,12 X,X 8,9.3	13,13 11,11 12,12 8,11	11,11 16,17 20,24 16,17
D442AB	<i>Identifiler®</i>						
	1	13,15 13,14	19,25 29,29		15,17 10,12 X,X 8,9.3	13,13 11,11 12,12 8,11	11,11 16,17 20,24 16,17
D6YKBC	<i>Identifiler® Plus</i>						
	1	13,15 13,14	19,25 29,29		15,17 10,12 X,X 8,9.3	13,13 11,11 12,12 8,11	11,11 16,17 20,24 16,17
DEPYG4	<i>Identifiler®</i>						
	1	13,15 13,14	19,25 29,29		15,17 10,12 X,X 8,9.3	13,13 11,11 12,12 8,11	11,11 16,17 20,24 16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 1 - STR Results

DGVJ8P	<i>Identifiler®</i>						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
					8,9.3	8,11	16,17
DX3HD8	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
E3QML2	<i>Identifiler®</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
E7RP8W	<i>Investigator IDplex Plus</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
E9Y3VP	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
EDBV44	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
EV8LXC	<i>Identifiler® Direct</i>						
	1	-	19,25	-	15,17	13	11
		13,15	-	-	10,12	11	16,17
		13,14	29	-	X,X	12	20,24
		-	-	-	8,9.3	8,11	16,17
EXG9VQ	<i>Identifiler®</i>						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
					8,9.3	8,11	16,17
F8XF8K	<i>GlobalFiler Express</i>						
	1	15,18.3	19,25	10,11	15,17	13,13	11,11
		13,15	13,17	15,18	10,12	11,11	16,17
		13,14	29,29	16,16	X,X	12,12	20,24
				18,28.2	8,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 1 - STR Results

FBZDFR	<i>PowerPlex® Fusion</i>							
	1	15,18.3	19,25	10,11	15,17	13	11	
		13,15	13,17	15,18	10,12	11	16,17	
		13,14	29	16	X	12	20,24	
		9,11	7,14		8,9.3	8,11	16,17	
FHFA8K	<i>Identifiler® Plus</i>							
	1		19,25		15,17	13,13	11,11	
		13,15			10,12	11,11	16,17	
		13,14	29,29		X,X	12,12	20,24	
					8,9.3	8,11	16,17	
FVKEBQ	<i>Identifiler®</i>							
	1		19,25		15,17	13	11	
		13,15			10,12	11	16,17	
		13,14	29		X	12	20,24	
					8,9.3	8,11	16,17	
FVMXH3	<i>Identifiler®</i>							
	1		19,25		15,17	13,13	11,11	
		13,15			10,12	11,11	16,17	
		13,14	29,29		X,X	12,12	20,24	
					8,9.3	8,11	16,17	
FWWAVX	<i>PowerPlex® 18D</i>							
	1		19,25		15,17	13,13	11,11	
		13,15			10,12	11,11	16,17	
		13,14	29,29		X,X	12,12	20,24	
		9,11	7,14		8,9.3	8,11	16,17	
GBBUW3	<i>Identifiler® Plus</i>							
	1		19,25		15,17	13,13	11,11	
		13,15			10,12	11,11	16,17	
		13,14	29,29		X,X	12,12	20,24	
					8,9.3	8,11	16,17	
GBUL42	<i>Identifiler® Plus</i>							
	1		19,25		15,17	13,13	11,11	
		13,15			10,12	11,11	16,17	
		13,14	29,29		X,X	12,12	20,24	
					8,9.3	8,11	16,17	
GBX6Q6	<i>PowerPlex® Fusion</i>							
	1	15,18.3	19,25	10,11	15,17	13,13	11,11	
		13,15	13,17	15,18	10,12	11,11	16,17	
		13,14	29,29	16,16	X,X	12,12	20,24	
		9,11	7,14		8,9.3	8,11	16,17	
GLRJPF	<i>Identifiler®</i>							
	1		19,25		15,17	13,13	11,11	
		13,15			10,12	11,11	16,17	
		13,14	29,29		X,X	12,12	20,24	
					8,9.3	8,11	16,17	



TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 1 - STR Results

GRKGLK	<i>Identifiler® Plus</i>	1	19,25		15,17	13,13	11,11	
			13,15		10,12	11,11	16,17	
			13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17	
GV4HJR	<i>Identifiler®</i>	1	19,25		15,17	13	11	
			13,15		10,12	11	16,17	
			13,14	29		X	12	20,24
					8,9.3	8,11	16,17	
GWEK6Q	<i>Investigator ESSplex Plus</i>	1	15,18.3	19,25	10,11	15,17		
			13,15	13,17	15,18		11,11	16,17
			13,14	29,29	16,16	X,X		20,24
						8,9.3		16,17
GZC2J6	<i>PowerPlex® 16HS</i>	1			15,17	13,13	11,11	
			13,15		10,12	11,11	16,17	
				29,29		X,X	12,12	20,24
			9,11	7,14		8,9.3	8,11	16,17
H2M474	<i>Identifiler® Plus</i>	1	19,25		15,17	13,13	11,11	
			13,15		10,12	11,11	16,17	
			13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17	
H3JJH2	<i>Identifiler® Plus</i>	1	19,25		15,17	13,13	11,11	
			13,15		10,12	11,11	16,17	
			13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17	
HEA7R3	<i>Identifiler® Plus</i>	1	19,25		15,17	13,13	11,11	
			13,15		10,12	11,11	16,17	
			13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17	
HGKB7Q	<i>Identifiler® Plus</i>	1	19,25		15,17	13	11	
			13,15		10,12	11	16,17	
			13,14	29		X	12	20,24
					8,9.3	8,11	16,17	
HPVGZ9	<i>Identifiler®</i>	1	19,25		15,17	13,13	11,11	
			13,15		10,12	11,11	16,17	
			13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17	

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 1 - STR Results

HQKZMR	<i>Globalfiler</i>						
	1	15,18.3	19,25	10,11	15,17	13,13	11,11
		13,15	13,17	15,18	10,12	11,11	16,17
		13,14	29,29	16,16	X,X	12,12	20,24
				18,28.2	8,9.3	8,11	16,17
HRFGYP	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
HWRA93	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
HX47JY	<i>Identifiler®</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
J2H79D	<i>Identifiler®</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
J9HFMJ	<i>Identifiler®</i>						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
					8,9.3	8,11	16,17
JCZM36	<i>PowerPlex® PP16</i>						
	1				15,17	13,13	11,11
		13,15			10,12	11,11	16,17
			29,29		X,X	12,12	20,24
		9,11	7,14		8,9.3	8,11	16,17
JFY2NA	<i>Identifiler®</i>						
	1	N/A	19,25	N/A	15,17	13,13	11,11
		13,15	N/A	N/A	10,12	11,11	16,17
		13,14	29,29	N/A	X,X	12,12	20,24
		N/A	N/A	N/A	8,9.3	8,11	16,17
JMMNHF	<i>Identifiler®</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 1 - STR Results

JRBLTN	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
					8,9.3	8,11	16,17
JRFL87	<i>Identifiler®</i>						
	1	N/A	19,25	N/A	15,17	13,13	11,11
		13,15	N/A	N/A	10,12	11,11	16,17
		13,14	29,29	N/A	X,X	12,12	20,24
		N/A	N/A	N/A	8,9.3	8,11	16,17
JTM473	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
JTQMVQ	<i>PowerPlex® Fusion</i>						
	1	15,18.3	19,25	10,11	15,17	13,13	11,11
		13,15	13,17	15,18	10,12	11,11	16,17
		13,14	29,29	16,16	X,X	12,12	20,24
		9,11	7,14		8,9.3	8,11	16,17
JUZWJG	<i>Identifiler® Plus, PowerPlex® ESX17</i>						
	1	15,18.3	19,25	10,11	15,17	13,13	11,11
		13,15	13,17	15,18	10,12	11,11	16,17
		13,14	29,29	16,16	X,X	12,12	20,24
				18,28.2	8,9.3	8,11	16,17
K448Q7	<i>Identifiler® Direct</i>						
	1	-	19,25	-	15,17	13	11
		13,15	-	-	10,12	11	16,17
		13,14	29	-	X,X	12	20,24
		-	-	-	8,9.3	8,11	16,17
K88X2R	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X,X	12	20,24
					8,9.3	8,11	16,17
KJZK8M	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
					8,9.3	8,11	16,17
KTMHXT	<i>Identifiler® Direct</i>						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
					8,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 1 - STR Results

KW3VUA	<i>PowerPlex® 16 HS, ESX, FUSION</i>						
	1	15,18.3	19,25	10,11	15,17	13	11
		13,15	13,17	15,18	10,12	11	16,17
		13,14	29	16	X	12	20,24
	9,11	7,14	18,28.2	8,9.3	8,11	16,17	
L43PAM	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
				8,9.3	8,11	16,17	
LBJ73W	<i>Identifiler®</i>						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
				8,9.3	8,11	16,17	
LKQ3LU	<i>Identifiler®</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
				8,9.3	8,11	16,17	
LN7D2J	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
				8,9.3	8,11	16,17	
LR6T7Z	<i>PowerPlex® PP16</i>						
	1				15,17	13,13	11,11
		13,15			10,12	11,11	16,17
			29,29		X,X	12,12	20,24
	9,11	7,14		8,9.3	8,11	16,17	
LT29HW	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
				8,9.3	8,11	16,17	
M2MUYE	<i>Identifiler®</i>						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
				8,9.3	8,11	16,17	
M8BGUK	<i>PowerPlex® Fusion</i>						
	1	15,18.3	19,25	10,11	15,17	13	11
		13,15	13,17	15,18	10,12	11	16,17
		13,14	29	16	X	12	20,24
	9,11	7,14		8,9.3	8,11	16,17	

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 1 - STR Results

M8D8Z3	Identifiler®						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
MBDBWW	Identifiler® Plus						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
MJA9LK	Identifiler® Plus, Minifiler						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
MLALXB	GlobalFiler Express						
	1	15,18.3	19,25	10,11	15,17	13,13	11,11
		13,15	13,17	15,18	10,12	11,11	16,17
		13,14	29,29	16,16	X,X	12,12	20,24
				18,28.2	8,9.3	8,11	16,17
MMAEZP	PowerPlex® Fusion						
	1	15,18.3	19,25	10,11	15,17	13	11
		13,15	13,17	15,18	10,12	11	16,17
		13,14	29	16	X	12	20,24
		9,11	7,14		8,9.3	8,11	16,17
MXA89G	Identifiler® Plus						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
					8,9.3	8,11	16,17
NCKUCJ	Identifiler®						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
					8,9.3	8,11	16,17
NDHHEE	Identifiler® Plus						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
					8,9.3	8,11	16,17
NLQ2QJ	Identifiler®						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
					8,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 1 - STR Results

NTQGGQ	<i>Identifiler®</i>						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
					8,9.3	8,11	16,17
NWACGX	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
NXL4EL	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
NYGQQP	<i>Identifiler® , PowerPlex® 16 HS</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
		9,11	7,14		8,9.3	8,11	16,17
P3TYP9	<i>Identifiler®</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
PAUBL6	<i>PowerPlex® Fusion, GlobalFiler</i>						
	1	15,18.3	19,25	10,11	15,17	13	11
		13,15	13,17	15,18	10,12	11	16,17
		13,14	29	16	X	12	20,24
		9,11	7,14	18,28.2	8,9.3	8,11	16,17
PCW9WX	<i>Identifiler®</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
PDD6NX	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
PJKWR4	<i>Identifiler® , MiniFiler</i>						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
					8,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 1 - STR Results

PKU26R	<i>Identifiler® Plus</i>	1	19,25		15,17	13,13	11,11	
			13,15		10,12	11,11	16,17	
			13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17	
PPKBEQ	<i>Identifiler®</i>	1	19,25		15,17	13	11	
			13,15		10,12	11	16,17	
			13,14	29		X	12	20,24
					8,9.3	8,11	16,17	
PPPM3M	<i>Identifiler® Plus</i>	1	19,25		15,17	13	11	
			13,15		10,12	11	16,17	
			13,14	29		X	12	20,24
					8,9.3	8,11	16,17	
PU39BT	<i>Identifiler®</i>	1	19,25		15,17	13,13	11,11	
			13,15		10,12	11,11	16,17	
			13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17	
PXZUYP	<i>PowerPlex® 18D</i>	1	19,25		15,17	13,13	11,11	
			13,15		10,12	11,11	16,17	
			13,14	29,29		X,X	12,12	20,24
			9,11	7,14		8,9.3	8,11	16,17
PXZWNW	<i>Identifiler® Plus</i>	1	19,25		15,17	13,13	11,11	
			13,15		10,12	11,11	16,17	
			13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17	
PYVDZQ	<i>Identifiler®</i>	1	19,25		15,17	13	11	
			13,15		10,12	11	16,17	
			13,14	29		X	12	20,24
					8,9.3	8,11	16,17	
Q2V66A	<i>PowerPlex® Fusion</i>	1	15,18.3	19,25	10,11	15,17	13	11
			13,15	13,17	15,18	10,12	11	16,17
			13,14	29	16	X	12	20,24
			9,11	7,14		8,9.3	8,11	16,17
QANFF6	<i>PowerPlex® Fusion</i>	1	15,18.3	19,25	10,11	15,17	13	11
			13,15	13,17	15,18	10,12	11	16,17
			13,14	29	16	X	12	20,24
			9,11	7,14		8,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 1 - STR Results

QELRJG	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
					8,9.3	8,11	16,17
QEMPUD	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
					8,9.3	8,11	16,17
QFC3AA	<i>Identifiler® Plus, PowerPlex® ESX 17</i>						
	1	15,18.3	19,25	10,11	15,17	13,13	11,11
		13,15	13,17	15,18	10,12	11,11	16,17
		13,14	29,29	16,16	X,X	12,12	20,24
		-	-	18,28.2	8,9.3	8,11	16,17
QL8TYU	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
					8,9.3	8,11	16,17
QN9U2C	<i>Identifiler® Plus, Minifiler</i>						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
					8,9.3	8,11	16,17
QP6EMQ	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
QTZ34X	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
R37AHX	<i>PowerPlex® 16</i>						
	1				15,17	13,13	11,11
		13,15			10,12	11,11	16,17
			29,29		X,X	12,12	20,24
		9,11	7,14		8,9.3	8,11	16,17
RFCDPD	<i>Identifiler® Plus</i>						
	1	NA	19,25	NA	15,17	13,13	11,11
		13,15	NA	NA	10,12	11,11	16,17
		13,14	29,29	NA	X,X	12,12	20,24
		NA	NA	NA	8,9.3	8,11	16,17



TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 1 - STR Results

RFUAAZ	<i>PowerPlex® Fusion</i>						
	1	15,18.3	19,25	10,11	15,17	13	11
		13,15	13,17	15,18	10,12	11	16,17
		13,14	29	16	X	12	20,24
		9,11	7,14		8,9.3	8,11	16,17
RK6MRY	<i>Identifiler® Direct</i>						
	1	-	19,25	-	15,17	13	11
		13,15	-	-	10,12	11	16,17
		13,14	29	-	X,X	12	20,24
		-	-	-	8,9.3	8,11	16,17
RPYGQL	<i>Identifiler® Direct</i>						
	1	15,18.3	19,25	10,11	15,17	13,13	11,11
		13,15	13,17	15,18	10,12	11,11	16,17
		13,14	29,29	16,16	X,X	12,12	20,24
		9,11	7,14	18,28.2	8,9.3	8,11	16,17
RTHBRR	<i>COfiler® and Profiler Plus®</i>						
	1				15,17	13,13	11,11
		13,15			10,12		16,17
			29,29		X,X		20,24
							16,17
RTKYBR	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
RZ2WHB	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
					8,9.3	8,11	16,17
T72B4C	<i>Identifiler® Plus</i>						
	1	N/A	19,25	N/A	15,17	13,13	11,11
		13,15	N/A	N/A	10,12	11,11	16,17
		13,14	29,29	N/A	X,X	12,12	20,24
		N/A	N/A	N/A	8,9.3	8,11	16,17
T9NZFD	<i>Identifiler®</i>						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
					8,9.3	8,11	16,17
TC86X9	<i>Identifiler®</i>						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
					8,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 1 - STR Results

TDMD33	<i>PowerPlex® Fusion</i>	1	15,18.3	19,25	10,11	15,17	13	11
			13,15	13,17	15,18	10,12	11	16,17
			13,14	29	16	X	12	20,24
			9,11	7,14		8,9.3	8,11	16,17
TF8FU9	<i>Identifiler®</i>	1		19,25		15,17	13	11
			13,15			10,12	11	16,17
			13,14	29		X	12	20,24
						8,9.3	8,11	16,17
TKMQ8C	<i>Identifiler® plus</i>	1		19,25		15,17	13,13	11,11
			13,15			10,12	11,11	16,17
			13,14	29,29		X,X	12,12	20,24
						8,9.3	8,11	16,17
TPCA3F	<i>Identifiler®</i>	1		19,25		15,17	13	11
			13,15			10,12	11	16,17
			13,14	29		X	12	20,24
						8,9.3	8,11	16,17
TTE7WF	<i>Identifiler® Plus</i>	1		19,25		15,17	13	11
			13,15			10,12	11	16,17
			13,14	29		X	12	20,24
						8,9.3	8,11	16,17
TUAPXH	<i>Identifiler®</i>	1		19,25		15,17	13	11
			13,15			10,12	11	16,17
			13,14	29		X	12	20,24
						8,9.3	8,11	16,17
TZWJTU	<i>PowerPlex® 16</i>	1				15,17	13,13	11,11
			13,15			10,12	11,11	16,17
				29,29		X,X	12,12	20,24
			9,11	7,14		8,9.3	8,11	16,17
U3VEP3	<i>Identifiler®</i>	1		19,25		15,17	13,13	11,11
			13,15			10,12	11,11	16,17
			13,14	29,29		X,X	12,12	20,24
						8,9.3	8,11	16,17
U4QXQ4	<i>Identifiler®</i>	1		19,25		15,17	13,13	11,11
			13,15			10,12	11,11	16,17
			13,14	29,29		X,X	12,12	20,24
						8,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 1 - STR Results

U8BP37	<i>Identifiler®</i>						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
					8,9.3	8,11	16,17
UBVRUC	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
UC97GK	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
UF8HDK	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
UJ49JW	<i>Identifiler®</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
UNEJA7	<i>Identifiler® Plus, PowerPlex® ESX17</i>						
	1	15,18.3	19,25	10,11	15,17	13,13	11,11
		13,15	13,17	15,18	10,12	11,11	16,17
		13,14	29,29	16,16	X,X	12,12	20,24
				18,28.2	8,9.3	8,11	16,17
UP8FWE	<i>Identifiler®</i>						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
					8,9.3	8,11	16,17
UQ6G8C	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
UU6TJ4	<i>Identifiler®</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 1 - STR Results

UXZMG6	<i>Identifiler®</i>						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
					8,9.3	8,11	16,17
UZBKUM	<i>Identifiler®</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
V3B2Y4	<i>Identifiler® Plus, PowerPlex® ESX17</i>						
	1	15,18.3	19,25	10,11	15,17	13,13	11,11
		13,15	13,17	15,18	10,12	11,11	16,17
		13,14	29,29	16,16	X,X	12,12	20,24
				18,28.2	8,9.3	8,11	16,17
V3CQ6L	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
V3UW9H	<i>Identifiler® Direct</i>						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
					8,9.3	8,11	16,17
V7ACU4	<i>Identifiler® Plus, PowerPlex® ESX17</i>						
	1	15,18.3	19,25	10,11	15,17	13,13	11,11
		13,15	13,17	15,18	10,12	11,11	16,17
		13,14	29,29	16,16	X,X	12,12	20,24
				18,28.2	8,9.3	8,11	16,17
V7C22L	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
V7FGF8	<i>Identifiler® Plus, MiniFiler</i>						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
					8,9.3	8,11	16,17
VNUYLL	<i>Identifiler®</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 1 - STR Results

VUKD42	<i>Identifiler®</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
W2FWKM	<i>COfiler® and Profiler Plus®</i>						
	1				15,17	13,13	11,11
		13,15			10,12		16,17
			29,29		X,X		20,24
							16,17
W2HK4L	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
WFH4ZR	<i>PowerPlex® 16</i>						
	1				15,17	13,13	11,11
		13,15			10,12	11,11	16,17
			29,29		X,X	12,12	20,24
		9,11	7,14		8,9.3	8,11	16,17
WGR9DF	<i>PowerPlex® 16 HS</i>						
	1				15,17	13,13	11,11
		13,15			10,12	11,11	16,17
			29,29		X,X	12,12	20,24
		9,11	7,14		8,9.3	8,11	16,17
WLKD4Y	<i>PowerPlex® Fusion</i>						
	1	15,18.3	19,25	10,11	15,17	13	11
		13,15	13,17	15,18	10,12	11	16,17
		13,14	29	16	X	12	20,24
		9,11	7,14		8,9.3	8,11	16,17
WXETTZ	<i>PowerPlex® FUSION</i>						
	1	15,18.3	19,25	10,11	15,17	13	11
		13,15	13,17	15,18	10,12	11	16,17
		13,14	29	16	X	12	20,24
		9,11	7,14		8,9.3	8,11	16,17
X2CPXL	<i>PowerPlex® PowerPlex 21</i>						
	1	15,18.3	19,25	-	15,17	13,13	11,11
		13,15	-	15,18	10,12	11,11	16,17
		13,14	29,29	-	X,X	12,12	20,24
		9,11	7,14	-	8,9.3	8,11	16,17
X7MMNT	<i>Identifiler® PLUS</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 1 - STR Results

X82AYF	<i>PowerPlex® 18D</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
	9,11	7,14		8,9.3	8,11	16,17	
XJAW9D	<i>PowerPlex® Fusion</i>						
	1	15,18.3	19,25	10,11	15,17	13	11
		13,15	13,17	15,18	10,12	11	16,17
		13,14	29	16	X	12	20,24
	9,11	7,14		8,9.3	8,11	16,17	
XQVQLX	<i>PowerPlex® Fusion</i>						
	1	15,18.3	19,25	10,11	15,17	13	11
		13,15	13,17	15,18	10,12	11	16,17
		13,14	29	16	X	12	20,24
	9,11	7,14		8,9.3	8,11	16,17	
XUU2HX	<i>PowerPlex® Fusion</i>						
	1	15,18.3	19,25	10,11	15,17	13	11
		13,15	13,17	15,18	10,12	11	16,17
		13,14	29	16	X	12	20,24
	9,11	7,14		8,9.3	8,11	16,17	
XWZL8J	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
				8,9.3	8,11	16,17	
XXW3HV	<i>Identifiler®</i>						
	1	N/A	19,25	N/A	15,17	13,13	11,11
		13,15	N/A	N/A	10,12	11,11	16,17
		13,14	29,29	N/A	X,X	12,12	20,24
	N/A	N/A	N/A	8,9.3	8,11	16,17	
XY4GQL	<i>COfiler® and Profiler Plus® Profiler Plus</i>						
	1				15,17	13,13	11,11
		13,15			10,12		16,17
		29,29		X,X		20,24	16,17
YDJXDH	<i>Identifiler®</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
	13,14	29,29		X,X	12,12	20,24	16,17
				8,9.3	8,11	16,17	
YG3UZM	<i>PowerPlex® HS</i>						
	1				15,17	13,13	11,11
		13,15			10,12	11,11	16,17
			29,29		X,X	12,12	20,24
	9,11	7,14		8,9.3	8,11	16,17	

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 1 - STR Results

YGH9AH	<i>Identifiler® Direct</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
YHYACK	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
YLYL7Y	<i>Identifiler®</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
YPCE66	<i>Identifiler® Identifiler Plus</i>						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
					8,9.3	8,11	16,17
YQ82FM	<i>PowerPlex® 16</i>						
	1				15,17	13,13	11,11
		13,15			10,12	11,11	16,17
			29,29		X,X	12,12	20,24
		9,11	7,14		8,9.3	8,11	16,17
YQ8W77	<i>Identifiler® plus, Minifiler</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
YVJPFJ	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
Z24CL9	<i>Identifiler®</i>						
	1		19,25		15,17	13	11
		13,15			10,12	11	16,17
		13,14	29		X	12	20,24
					8,9.3	8,11	16,17
ZGFXT6	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 1 - STR Results

ZHCGU8	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
ZMNA4K	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
ZX6TNG	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17
ZZTHP9	<i>Identifiler® Plus</i>						
	1		19,25		15,17	13,13	11,11
		13,15			10,12	11,11	16,17
		13,14	29,29		X,X	12,12	20,24
					8,9.3	8,11	16,17



TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 2 - STR Results

287ZFL	<i>Identifiler® ID, ID+, Minifiler</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
28TY3Z	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
2BQH3D	<i>Identifiler® Direct</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
2H6C93	<i>Identifiler®</i>						
	2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
2JJZCF	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
2Q42RR	<i>GlobalFiler</i>						
	2	11,14	16,20	11,15	14,15	11,11	12,12
		14,15	14,14	18,25	8,14	11,12	10,14
		14,14	29,32.2	15,17	X,Y	12,12	22,23
		-	-	19,31.2	9,9.3	8,11	16,17
2YFB27	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
2ZP6ZR	<i>Identifiler®</i>						
	2	n/a	16,20	n/a	14,15	11,11	12,12
		14,15	n/a	n/a	8,14	11,12	10,14
		14,14	29,32.2	n/a	X,Y	12,12	22,23
		n/a	n/a	n/a	9,9.3	8,11	16,17
32GKM9	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 2 - STR Results

33QP3H	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
				9,9.3	8,11	16,17	
3CWPHB	<i>Identifiler® Direct</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
				9,9.3	8,11	16,17	
3G8KFT	<i>PowerPlex® Fusion</i>						
	2	11,14	16,20	11,15	14,15	11	12
		14,15	14	18,25	8,14	11,12	10,14
		14	29,32.2	15,17	X,Y	12	22,23
	9,11	11,13		9,9.3	8,11	16,17	
3HJKDM	<i>PowerPlex® 16 HS</i>						
	2				14,15	11,11	12,12
		14,15			8,14	11,12	10,14
			29,32.2		X,Y	12,12	22,23
	9,11	11,13		9,9.3	8,11	16,17	
3N86F4	<i>Identifiler®</i>						
	2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
				9,9.3	8,11	16,17	
3QX7LR	<i>PowerPlex® Fusion</i>						
	2	11,14	16,20	11,15	14,15	11	12
		14,15	14	18,25	8,14	11,12	10,14
		14	29,32.2	15,17	X,Y	12	22,23
	9,11	11,13		9,9.3	8,11	16,17	
42E7XE	<i>Identifiler®</i>						
	2	not tested	16,20	not tested	14,15	11,11	12,12
		14,15	not tested	not tested	8,14	11,12	10,14
		14,14	29,32.2	not tested	X,Y	12,12	22,23
	not tested	not tested	not tested	9,9.3	8,11	16,17	
4APM8Z	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
				9,9.3	8,11	16,17	
4DLDDC	<i>Identifiler®</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
				9,9.3	8,11	16,17	

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 2 - STR Results

4MTXUL	PowerPlex® 16 HS 2				14,15	11,11	12,12
		14,15			8,14	11,12	10,14
			29,32.2		X,Y	12,12	22,23
		9,11	11,13		9,9.3	8,11	16,17
4TXUF8	Identifiler® Plus 2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
696DR4	PowerPlex® Fusion 2	11,14	16,20	11,15	14,15	11	12
		14,15	14	18,25	8,14	11,12	10,14
		14	29,32.2	15,17	X,Y	12	22,23
		9,11	11,13		9,9.3	8,11	16,17
69QNQC	Identifiler® Plus 2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
6AM42N	Identifiler® Direct 2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
6D2U96	Identifiler® Plus 2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
6EWGHM	Identifiler® 2	N/A	16,20	N/A	14,15	11,11	12,12
		14,15	N/A	N/A	8,14	11,12	10,14
		14,14	29,32.2	N/A	X,Y	12,12	22,23
		N/A	N/A	N/A	9,9.3	8,11	16,17
6HHZ6E	Identifiler® Plus 2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
6LGGG9	Identifiler® Plus 2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 2 - STR Results

6PHGH6	<i>Identifiler®</i> 2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
6RJPLF	<i>Identifiler® Plus</i> 2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
6RM8KE	<i>PowerPlex® PowerPlex 21</i> 2	11,14	16,20	N/A	14,15	11,11	12,12
		14,15	N/A	18,25	8,14	11,12	10,14
		14,14	29,32.2	N/A	X,Y	12,12	22,23
		9,11	11,13	N/A	9,9.3	8,11	16,17
6XAW7A	<i>Identifiler®</i> 2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
6YMRNV	<i>Identifiler®</i> 2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
767EW6	<i>Identifiler® Plus</i> 2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
76Z29A	<i>Identifiler®</i> 2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
77F732	<i>Identifiler®</i> 2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
7FQKVU	<i>Identifiler® Plus</i> 2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 2 - STR Results

7K3D49	PowerPlex® PowerPlex 18D						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
		9,11	11,13		9,9.3	8,11	16,17
7PA48E	Identifiler® Plus						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
				9,9.3	8,11	16,17	
7PEGUB	Identifiler®						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
				9,9.3	8,11	16,17	
7U32W6	PowerPlex® FUSION						
	2	11,14	16,20	11,15	14,15	11,11	12,12
		14,15	14,14	18,25	8,14	11,12	10,14
		14,14	29,32.2	15,17	X,Y	12,12	22,23
	9,11	11,13	-	9,9.3	8,11	16,17	
7WPKX3	Identifiler®						
	2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
				9,9.3	8,11	16,17	
866LWC	Identifiler® Plus						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
				9,9.3	8,11	16,17	
886U2M	PowerPlex® ESX 17						
	2	11,14	16,20	11,15	14,15		
		14,15	14	18,25		11,12	10,14
		14	29,32.2	15,17	X,Y		22,23
			19,31.2	9,9.3		16,17	
8EAN4V	Identifiler®						
	2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
				9,9.3	8,11	16,17	
8FG9K4	PowerPlex® FUSION						
	2	11,14	16,20	11,15	14,15	11,11	12,12
		14,15	14,14	18,25	8,14	11,12	10,14
		14,14	29,32.2	15,17	X,Y	12,12	22,23
	9,11	11,13	-	9,9.3	8,11	16,17	

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 2 - STR Results

8J2VL4	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
				9,9.3	8,11	16,17	
8KXCXZ	<i>Identifiler® PLUS</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
				9,9.3	8,11	16,17	
8L6NF3	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
				9,9.3	8,11	16,17	
8MYLJ3	<i>Identifiler®</i>						
	2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
				9,9.3	8,11	16,17	
8RTH9T	<i>Identifiler® Plus, PowerPlex® ESX17</i>						
	2	11,14	16,20	11,15	14,15	11,11	12,12
		14,15	14,14	18,25	8,14	11,12	10,14
		14,14	29,32.2	15,17	X,Y	12,12	22,23
				19,31.2	9,9.3	8,11	16,17
8WMD9F	<i>Identifiler® Identifiler Plus</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
				9,9.3	8,11	16,17	
9AUHY9	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
				9,9.3	8,11	16,17	
9C2VL2	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
				9,9.3	8,11	16,17	
9D6TPG	<i>Identifiler®</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
				9,9.3	8,11	16,17	

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 2 - STR Results

9DA944	<i>Identifiler® Plus</i>	2	16,20		14,15	11	12	
			14,15		8,14	11,12	10,14	
			14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17	
9MVEUF	<i>PowerPlex® 16HS</i>	2			14,15	11,11	12,12	
			14,15		8,14	11,12	10,14	
				29,32.2		X,Y	12,12	22,23
			9,11	11,13		9,9.3	8,11	16,17
9NQWWG	<i>PowerPlex® 16</i>	2			14,15	11,11	12,12	
			14,15		8,14	11,12	10,14	
				29,32.2		X,Y	12,12	22,23
			9,11	11,13		9,9.3	8,11	16,17
9VDHAV	<i>Identifiler® Plus</i>	2	16,20		14,15	11	12	
			14,15		8,14	11,12	10,14	
			14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17	
9VT2R8	<i>Identifiler®</i>	2	16,20		14,15	11,11	12,12	
			14,15		8,14	11,12	10,14	
			14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17	
A39YZQ	<i>Identifiler® Plus</i>	2	16,20		14,15	11,11	12,12	
			14,15		8,14	11,12	10,14	
			14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17	
A4ZZ29	<i>Identifiler® Direct</i>	2	16,20		14,15	11,11	12,12	
			14,15		8,14	11,12	10,14	
			14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17	
A8KR96	<i>PowerPlex® 18D</i>	2	16,20		14,15	11,11	12,12	
			14,15		8,14	11,12	10,14	
			14,14	29,32.2		X,Y	12,12	22,23
			9,11	11,13		9,9.3	8,11	16,17
A99JZ2	<i>globalfiler</i>	2	11,14	16,20	11,15	14,15	11,11	12,12
			14,15	14,14	18,25	8,14	11,12	10,14
			14,14	29,32.2	15,17	X,Y	12,12	22,23
					19,31.2	9,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 2 - STR Results

A9CT92	<i>Identifiler®</i> 2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
AHJLL2	<i>Identifiler® Direct</i> 2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
ALG3XV	<i>Identifiler® Plus</i> 2	NA	16,20	NA	14,15	11,11	12,12
		14,15	NA	NA	8,14	11,12	10,14
		14,14	29,32.2	NA	X,Y	12,12	22,23
		NA	NA	NA	9,9.3	8,11	16,17
AR7RCE	<i>PowerPlex® 16HS</i> 2				14,15	11,11	12,12
		14,15			8,14	11,12	10,14
			29,32.2		X,Y	12,12	22,23
		9,11	11,13		9,9.3	8,11	16,17
AUAFVA	<i>Identifiler® Plus</i> 2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
B4EUBG	<i>PowerPlex® Fusion</i> 2	11,14	16,20	11,15	14,15	11	12
		14,15	14	18,25	8,14	11,12	10,14
		14	29,32.2	15,17	X,Y	12	22,23
		9,11	11,13		9,9.3	8,11	16,17
BEZXHG	<i>Identifiler® Direct</i> 2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
BLGNQU	<i>Identifiler® Plus</i> 2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
BMNTHW	<i>Identifiler®</i> 2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17



TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 2 - STR Results

BQTGY8	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
				9,9.3	8,11	16,17	
BR2UEN	<i>GlobalFiler Express</i>						
	2	11,14	16,20	11,15	14,15	11,11	12,12
		14,15	14,14	18,25	8,14	11,12	10,14
		14,14	29,32.2	15,17	X,Y	12,12	22,23
			19,31.2	9,9.3	8,11	16,17	
BTWAQK	<i>PowerPlex® Fusion, GlobalFiler</i>						
	2	11,14	16,20	11,15	14,15	11	12
		14,15	14	18,25	8,14	11,12	10,14
		14	29,32.2	15,17	X,Y	12	22,23
	9,11	11,13	19,31.2	9,9.3	8,11	16,17	
C74DXZ	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
				9,9.3	8,11	16,17	
C9MPCW	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
				9,9.3	8,11	16,17	
CAH8EX	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
				9,9.3	8,11	16,17	
CBVPRB	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
				9,9.3	8,11	16,17	
CCK9EU	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
				9,9.3	8,11	16,17	
CERBGT	<i>Identifiler®</i>						
	2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
				9,9.3	8,11	16,17	

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 2 - STR Results

CF3FUG	PowerPlex® PowerPlex16HS, PowerPlex-ESX-17						
	2	11,14 14,15 14 9,11	16,20	11,15 18,25 15,17 19,31.2	14,15 8,14 X,Y 9,9.3	11 11,12 12 8,11	12 10,14 22,23 16,17
CNLET3	Identifiler®						
	2	14,15 14,14	16,20 29,32.2		14,15 8,14 X,Y 9,9.3	11,11 11,12 12,12 8,11	12,12 10,14 22,23 16,17
CPR2ZF	PowerPlex® Fusion						
	2	11,14 14,15 14 9,11	16,20	11,15 18,25 15,17	14,15 8,14 X,Y 9,9.3	11 11,12 12 8,11	12 10,14 22,23 16,17
CWRE4P	Identifiler®						
	2	14,15 14	16,20 29,32.2		14,15 8,14 X,Y 9,9.3	11 11,12 12 8,11	12 10,14 22,23 16,17
CWTFM3	PowerPlex® 18D						
	2	14,15 14,14 9,11	16,20		14,15 8,14 X,Y 9,9.3	11,11 11,12 12,12 8,11	12,12 10,14 22,23 16,17
CZBDJ6	Identifiler® Plus						
	2	14,15 14,14	16,20 29,32.2		14,15 8,14 X,Y 9,9.3	11,11 11,12 12,12 8,11	12,12 10,14 22,23 16,17
D442AB	Identifiler®						
	2	14,15 14,14	16,20 29,32.2		14,15 8,14 X,Y 9,9.3	11,11 11,12 12,12 8,11	12,12 10,14 22,23 16,17
D6YKBC	Identifiler® Plus						
	2	14,15 14,14	16,20 29,32.2		14,15 8,14 X,Y 9,9.3	11,11 11,12 12,12 8,11	12,12 10,14 22,23 16,17
DEPYG4	Identifiler®						
	2	14,15 14,14	16,20 29,32.2		14,15 8,14 X,Y 9,9.3	11,11 11,12 12,12 8,11	12,12 10,14 22,23 16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 2 - STR Results

DGVJ8P	<i>Identifiler®</i>						
	2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
DX3HD8	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
E3QML2	<i>Identifiler®</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
E7RP8W	<i>Investigator IDplex Plus</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
E9Y3VP	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
EDBV44	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
EV8LXC	<i>Identifiler® Direct</i>						
	2	-	16,20	-	14,15	11	12
		14,15	-	-	8,14	11,12	10,14
		14	29,32.2	-	X,Y	12	22,23
		-	-	-	9,9.3	8,11	16,17
EXG9VQ	<i>Identifiler®</i>						
	2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
F8XF8K	<i>GlobalFiler Express</i>						
	2	11,14	16,20	11,15	14,15	11,11	12,12
		14,15	14,14	18,25	8,14	11,12	10,14
		14,14	29,32.2	15,17	X,Y	12,12	22,23
				19,31.2	9,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 2 - STR Results

FBZDFR	<i>PowerPlex® Fusion</i>	2	11,14	16,20	11,15	14,15	11	12
			14,15	14	18,25	8,14	11,12	10,14
			14	29,32.2	15,17	X,Y	12	22,23
			9,11	11,13		9,9.3	8,11	16,17
FHFA8K	<i>Identifiler® Plus</i>	2		16,20		14,15	11,11	12,12
			14,15			8,14	11,12	10,14
			14,14	29,32.2		X,Y	12,12	22,23
						9,9.3	8,11	16,17
FVKEBQ	<i>Identifiler®</i>	2		16,20		14,15	11	12
			14,15			8,14	11,12	10,14
			14	29,32.2		X,Y	12	22,23
						9,9.3	8,11	16,17
FVMXH3	<i>Identifiler®</i>	2		16,20		14,15	11,11	12,12
			14,15			8,14	11,12	10,14
			14,14	29,32.2		X,Y	12,12	22,23
						9,9.3	8,11	16,17
FWWAVX	<i>PowerPlex® 18D</i>	2		16,20		14,15	11,11	12,12
			14,15			8,14	11,12	10,14
			14,14	29,32.2		X,Y	12,12	22,23
			9,11	11,13		9,9.3	8,11	16,17
GBBUW3	<i>Identifiler® Plus</i>	2		16,20		14,15	11,11	12,12
			14,15			8,14	11,12	10,14
			14,14	29,32.2		X,Y	12,12	22,23
						9,9.3	8,11	16,17
GBUL42	<i>Identifiler® Plus</i>	2		16,20		14,15	11,11	12,12
			14,15			8,14	11,12	10,14
			14,14	29,32.2		X,Y	12,12	22,23
						9,9.3	8,11	16,17
GBX6Q6	<i>PowerPlex® Fusion</i>	2	11,14	16,20	11,15	14,15	11,11	12,12
			14,15	14,14	18,25	8,14	11,12	10,14
			14,14	29,32.2	15,17	X,Y	12,12	22,23
			9,11	11,13		9,9.3	8,11	16,17
GLRJPF	<i>Identifiler®</i>	2		16,20		14,15	11,11	12,12
			14,15			8,14	11,12	10,14
			14,14	29,32.2		X,Y	12,12	22,23
						9,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 2 - STR Results

GRKGLK	<i>Identifiler® Plus</i>	2	16,20		14,15	11,11	12,12
					8,14	11,12	10,14
			29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
GV4HJR	<i>Identifiler®</i>	2	16,20		14,15	11	12
					8,14	11,12	10,14
			29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
GWEK6Q	<i>Investigator ESSplex Plus</i>	2	16,20	11,15	14,15		
			14,14	18,25		11,12	10,14
			29,32.2	15,17	X,Y		22,23
					9,9.3		16,17
GZC2J6	<i>PowerPlex® 16HS</i>	2			14,15	11,11	12,12
					8,14	11,12	10,14
			29,32.2		X,Y	12,12	22,23
			11,13		9,9.3	8,11	16,17
H2M474	<i>Identifiler® Plus</i>	2	16,20		14,15	11,11	12,12
					8,14	11,12	10,14
			29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
H3JJH2	<i>Identifiler® Plus</i>	2	16,20		14,15	11,11	12,12
					8,14	11,12	10,14
			29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
HEA7R3	<i>Identifiler® Plus</i>	2	16,20		14,15	11,11	12,12
					8,14	11,12	10,14
			29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
HGKB7Q	<i>Identifiler® Plus</i>	2	16,20		14,15	11	12
					8,14	11,12	10,14
			29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
HPVGZ9	<i>Identifiler®</i>	2	16,20		14,15	11,11	12,12
					8,14	11,12	10,14
			29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 2 - STR Results

HQBZMR	Globalfiler	2	11,14	16,20	11,15	14,15	11,11	12,12
			14,15	14,14	18,25	8,14	11,12	10,14
			14,14	29,32.2	15,17	X,Y	12,12	22,23
					19,31.2	9,9.3	8,11	16,17
HRFGYP	Identifiler® Plus	2		16,20		14,15	11,11	12,12
			14,15			8,14	11,12	10,14
			14,14	29,32.2		X,Y	12,12	22,23
						9,9.3	8,11	16,17
HWRA93	Identifiler® Plus	2		16,20		14,15	11,11	12,12
			14,15			8,14	11,12	10,14
			14,14	29,32.2		X,Y	12,12	22,23
						9,9.3	8,11	16,17
HX47JY	Identifiler®	2		16,20		14,15	11,11	12,12
			14,15			8,14	11,12	10,14
			14,14	29,32.2		X,Y	12,12	22,23
						9,9.3	8,11	16,17
J2H79D	Identifiler®	2		16,20		14,15	11,11	12,12
			14,15			8,14	11,12	10,14
			14,14	29,32.2		X,Y	12,12	22,23
						9,9.3	8,11	16,17
J9HFMJ	Identifiler®	2		16,20		14,15	11	12
			14,15			8,14	11,12	10,14
			14	29,32.2		X,Y	12	22,23
						9,9.3	8,11	16,17
JCZM36	PowerPlex® PP16	2				14,15	11,11	12,12
			14,15			8,14	11,12	10,14
				29,32.2		X,Y	12,12	22,23
			9,11	11,13		9,9.3	8,11	16,17
JFY2NA	Identifiler®	2	N/A	16,20	N/A	14,15	11,11	12,12
			14,15	N/A	N/A	8,14	11,12	10,14
			14,14	29,32.2	N/A	X,Y	12,12	22,23
			N/A	N/A	N/A	9,9.3	8,11	16,17
JMMNHF	Identifiler®	2		16,20		14,15	11,11	12,12
			14,15			8,14	11,12	10,14
			14,14	29,32.2		X,Y	12,12	22,23
						9,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 2 - STR Results

JRBLTN	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
JRFL87	<i>Identifiler®</i>						
	2	N/A	16,20	N/A	14,15	11,11	12,12
		14,15	N/A	N/A	8,14	11,12	10,14
		14,14	29,32.2	N/A	X,Y	12,12	22,23
		N/A	N/A	N/A	9,9.3	8,11	16,17
JTM473	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
JTQMVQ	<i>PowerPlex® Fusion</i>						
	2	11,14	16,20	11,15	14,15	11,11	12,12
		14,15	14,14	18,25	8,14	11,12	10,14
		14,14	29,32.2	15,17	X,Y	12,12	22,23
		9,11	11,13		9,9.3	8,11	16,17
JUZWJG	<i>Identifiler® Plus, PowerPlex® ESX17</i>						
	2	11,14	16,20	11,15	14,15	11,11	12,12
		14,15	14,14	18,25	8,14	11,12	10,14
		14,14	29,32.2	15,17	X,Y	12,12	22,23
				19,31.2	9,9.3	8,11	16,17
K448Q7	<i>Identifiler® Direct</i>						
	2	-	16,20	-	14,15	11	12
		14,15	-	-	8,14	11,12	10,14
		14	29,32.2	-	X,Y	12	22,23
		-	-	-	9,9.3	8,11	16,17
K88X2R	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
KJZK8M	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
KTMHXT	<i>Identifiler®</i>						
	2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 2 - STR Results

KW3VUA	<i>PowerPlex® 16 HS, ESX, FUSION</i>						
	2	11,14	16,20	11,15	14,15	11	12
		14,15	14	18,25	8,14	11,12	10,14
		14	29,32.2	15,17	X,Y	12	22,23
		9,11	11,13	19,31.2	9,9.3	8,11	16,17
L43PAM	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
				9,9.3	8,11	16,17	
LBJ73W	<i>Identifiler®</i>						
	2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
				9,9.3	8,11	16,17	
LKQ3LU	<i>Identifiler®</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
				9,9.3	8,11	16,17	
LN7D2J	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
				9,9.3	8,11	16,17	
LR6T7Z	<i>PowerPlex® PP16</i>						
	2				14,15	11,11	12,12
		14,15			8,14	11,12	10,14
			29,32.2		X,Y	12,12	22,23
		9,11	11,13	9,9.3	8,11	16,17	
LT29HW	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
				9,9.3	8,11	16,17	
M2MUYE	<i>Identifiler®</i>						
	2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
				9,9.3	8,11	16,17	
M8BGUK	<i>PowerPlex® Fusion</i>						
	2	11,14	16,20	11,15	14,15	11	12
		14,15	14	18,25	8,14	11,12	10,14
		14	29,32.2	15,17	X,Y	12	22,23
		9,11	11,13	9,9.3	8,11	16,17	



TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 2 - STR Results

M8D8Z3	Identifiler®						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
MBDBWW	Identifiler® Plus						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
MJA9LK	Identifiler® Plus						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
MLALXB	GlobalFiler Express						
	2	11,14	16,20	11,15	14,15	11,11	12,12
		14,15	14,14	18,25	8,14	11,12	10,14
		14,14	29,32.2	15,17	X,Y	12,12	22,23
				19,31.2	9,9.3	8,11	16,17
MMAEZP	PowerPlex® Fusion						
	2	11,14	16,20	11,15	14,15	11	12
		14,15	14	18,25	8,14	11,12	10,14
		14	29,32.2	15,17	X,Y	12	22,23
		9,11	11,13		9,9.3	8,11	16,17
MXA89G	Identifiler® Plus						
	2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
NCKUCJ	Identifiler®						
	2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
NDHHEE	Identifiler® Plus						
	2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
NLQ2QJ	Identifiler®						
	2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 2 - STR Results

NTQGGQ	<i>Identifiler®</i>						
	2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
NWACGX	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
NXL4EL	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
NYGQQP	<i>Identifiler® , PowerPlex® 16 HS</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
		9,11	11,13		9,9.3	8,11	16,17
P3TYP9	<i>Identifiler®</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
PAUBL6	<i>PowerPlex® Fusion, GlobalFiler</i>						
	2	11,14	16,20	11,15	14,15	11	12
		14,15	14	18,25	8,14	11,12	10,14
		14	29,32.2	15,17	X,Y	12	22,23
		9,11	11,13	19,31.2	9,9.3	8,11	16,17
PCW9WX	<i>Identifiler®</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
PDD6NX	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
PJKWR4	<i>Identifiler® , MiniFiler</i>						
	2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 2 - STR Results

PKU26R	<i>Identifiler® Plus</i>	2	16,20		14,15	11,11	12,12
					8,14	11,12	10,14
			29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
PPKBEQ	<i>Identifiler®</i>	2	16,20		14,15	11	12
					8,14	11,12	10,14
			29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
PPPM3M	<i>Identifiler® Plus</i>	2	16,20		14,15	11	12
					8,14	11,12	10,14
			29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
PU39BT	<i>Identifiler®</i>	2	16,20		14,15	11	12
					8,14	11,12	10,14
			29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
PXZUYP	<i>PowerPlex® 18D</i>	2	16,20		14,15	11,11	12,12
					8,14	11,12	10,14
			29,32.2		X,Y	12,12	22,23
			11,13		9,9.3	8,11	16,17
PXZWNW	<i>Identifiler® Plus</i>	2	16,20		14,15	11,11	12,12
					8,14	11,12	10,14
			29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
PYVDZQ	<i>Identifiler®</i>	2	16,20		14,15	11	12
					8,14	11,12	10,14
			29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
Q2V66A	<i>PowerPlex® Fusion</i>	2	16,20	11,15	14,15	11	12
			14	18,25	8,14	11,12	10,14
			29,32.2	15,17	X,Y	12	22,23
			11,13		9,9.3	8,11	16,17
QANFF6	<i>PowerPlex® Fusion</i>	2	16,20	11,15	14,15	11	12
			14	18,25	8,14	11,12	10,14
			29,32.2	15,17	X,Y	12	22,23
			11,13		9,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 2 - STR Results

QELRJG	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
QEMPUD	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
QFC3AA	<i>Identifiler® Plus, PowerPlex® ESX 17</i>						
	2	11,14	16,20	11,15	14,15	11,11	12,12
		14,15	14,14	18,25	8,14	11,12	10,14
		14,14	29,32.2	15,17	X,Y	12,12	22,23
		-	-	19,31.2	9,9.3	8,11	16,17
QL8TYU	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
QN9U2C	<i>Identifiler® Plus, Minifiler</i>						
	2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
QP6EMQ	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
QTZ34X	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
R37AHX	<i>PowerPlex® 16</i>						
	2				14,15	11,11	12,12
		14,15			8,14	11,12	10,14
			29,32.2		X,Y	12,12	22,23
		9,11	11,13		9,9.3	8,11	16,17
RFCDPD	<i>Identifiler® Plus</i>						
	2	NA	16,20	NA	14,15	11,11	12,12
		14,15	NA	NA	8,14	11,12	10,14
		14,14	29,32.2	NA	X,Y	12,12	22,23
		NA	NA	NA	9,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 2 - STR Results

RFUAAZ	<i>PowerPlex® Fusion</i>	2	11,14	16,20	11,15	14,15	11	12
			14,15	14	18,25	8,14	11,12	10,14
			14	29,32.2	15,17	X,Y	12	22,23
			9,11	11,13		9,9.3	8,11	16,17
RK6MRY	<i>Identifiler® Direct</i>	2	-	16,20	-	14,15	11	12
			14,15	-	-	8,14	11,12	10,14
			14	29,32.2	-	X,Y	12	22,23
			-	-	-	9,9.3	8,11	16,17
RPYGQL	<i>Identifiler® Direct</i>	2	11,14	16,20	11,15	14,15	11,11	12,12
			14,15	14,14	18,25	8,14	11,12	10,14
			14,14	29,32.2	15,17	X,Y	12,12	22,23
			9,11	11,13	19,31.2	9,9.3	8,11	16,17
RTHBRR	<i>COfiler® and Profiler Plus®</i>	2				14,15	11,11	12,12
			14,15			8,14		10,14
				29,32.2		X,Y		22,23
								16,17
RTKYBR	<i>Identifiler® Plus</i>	2		16,20		14,15	11,11	12,12
			14,15			8,14	11,12	10,14
			14,14	29,32.2		X,Y	12,12	22,23
						9,9.3	8,11	16,17
RZ2WHB	<i>Identifiler® Plus</i>	2		16,20		14,15	11	12
			14,15			8,14	11,12	10,14
			14	29,32.2		X,Y	12	22,23
						9,9.3	8,11	16,17
T72B4C	<i>Identifiler® Plus</i>	2	N/A	16,20	N/A	14,15	11,11	12,12
			14,15	N/A	N/A	8,14	11,12	10,14
			14,14	29,32.2	N/A	X,Y	12,12	22,23
			N/A	N/A	N/A	9,9.3	8,11	16,17
T9NZFD	<i>Identifiler®</i>	2		16,20		14,15	11	12
			14,15			8,14	11,12	10,14
			14	29,32.2		X,Y	12	22,23
						9,9.3	8,11	16,17
TC86X9	<i>Identifiler®</i>	2		16,20		14,15	11	12
			14,15			8,14	11,12	10,14
			14	29,32.2		X,Y	12	22,23
						9,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 2 - STR Results

TDMD33	<i>PowerPlex® Fusion</i>	2	11,14	16,20	11,15	14,15	11	12
			14,15	14	18,25	8,14	11,12	10,14
			14	29,32.2	15,17	X,Y	12	22,23
			9,11	11,13		9,9.3	8,11	16,17
TF8FU9	<i>Identifiler®</i>	2		16,20		14,15	11	12
			14,15			8,14	11,12	10,14
			14	29,32.2		X,Y	12	22,23
						9,9.3	8,11	16,17
TKMQ8C	<i>Identifiler® plus</i>	2		16,20		14,15	11,11	12,12
			14,15			8,14	11,12	10,14
			14,14	29,32.2		X,Y	12,12	22,23
						9,9.3	8,11	16,17
TPCA3F	<i>Identifiler®</i>	2		16,20		14,15	11	12
			14,15			8,14	11,12	10,14
			14	29,32.2		X,Y	12	22,23
						9,9.3	8,11	16,17
TTE7WF	<i>Identifiler® Plus</i>	2		16,20		14,15	11	12
			14,15			8,14	11,12	10,14
			14	29,32.2		X,Y	12	22,23
						9,9.3	8,11	16,17
TUAPXH	<i>Identifiler®</i>	2		16,20		14,15	11	12
			14,15			8,14	11,12	10,14
			14	29,32.2		X,Y	12	22,23
						9,9.3	8,11	16,17
TZWJTU	<i>PowerPlex® 16</i>	2				14,15	11,11	12,12
			14,15			8,14	11,12	10,14
				29,32.2		X,Y	12,12	22,23
			9,11	11,13		9,9.3	8,11	16,17
U3VEP3	<i>Identifiler®</i>	2		16,20		14,15	11,11	12,12
			14,15			8,14	11,12	10,14
			14,14	29,32.2		X,Y	12,12	22,23
						9,9.3	8,11	16,17
U4QXQ4	<i>Identifiler®</i>	2		16,20		14,15	11,11	12,12
			14,15			8,14	11,12	10,14
			14,14	29,32.2		X,Y	12,12	22,23
						9,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 2 - STR Results

U8BP37	<i>Identifiler®</i>						
	2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
UBVRUC	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
UC97GK	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
UF8HDK	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
UJ49JW	<i>Identifiler®</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
UNEJA7	<i>Identifiler® Plus, PowerPlex® ESX17</i>						
	2	11,14	16,20	11,15	14,15	11,11	12,12
		14,15	14,14	18,25	8,14	11,12	10,14
		14,14	29,32.2	15,17	X,Y	12,12	22,23
				19,31.2	9,9.3	8,11	16,17
UP8FWE	<i>Identifiler®</i>						
	2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
UQ6G8C	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
UU6TJ4	<i>Identifiler®</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 2 - STR Results

UXZMG6	<i>Identifiler®</i>	2	16,20		14,15	11	12	
			14,15		8,14	11,12	10,14	
			14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17	
UZBKUM	<i>Identifiler®</i>	2	16,20		14,15	11,11	12,12	
			14,15		8,14	11,12	10,14	
			14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17	
V3B2Y4	<i>Identifiler® Plus, PowerPlex® ESX17</i>	2	11,14	16,20	11,15	14,15	11,11	12,12
			14,15	14,14	18,25	8,14	11,12	10,14
			14,14	29,32.2	15,17	X,Y	12,12	22,23
					19,31.2	9,9.3	8,11	16,17
V3CQ6L	<i>Identifiler® Plus</i>	2	16,20		14,15	11,11	12,12	
			14,15		8,14	11,12	10,14	
			14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17	
V3UW9H	<i>Identifiler® Direct</i>	2	16,20			11	12	
			14,15			11,12	10,14	
			14	29,32.2			12	22,23
					9,9.3	8,11	16,17	
V7ACU4	<i>Identifiler® Plus, PowerPlex® ESX17</i>	2	11,14	16,20	11,15	14,15	11,11	12,12
			14,15	14,14	18,25	8,14	11,12	10,14
			14,14	29,32.2	15,17	X,Y	12,12	22,23
					19,31.2	9,9.3	8,11	16,17
V7C22L	<i>Identifiler® Plus</i>	2	16,20		14,15	11,11	12,12	
			14,15		8,14	11,12	10,14	
			14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17	
V7FGF8	<i>Identifiler® Plus, MiniFiler</i>	2	16,20		14,15	11	12	
			14,15		8,14	11,12	10,14	
			14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17	
VNUYLL	<i>Identifiler®</i>	2	16,20		14,15	11,11	12,12	
			14,15		8,14	11,12	10,14	
			14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17	



TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 2 - STR Results

VUKD42	Identifiler®						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
W2FWKM	COfiler® and Profiler Plus®						
	2				14,15	11,11	12,12
		14,15			8,14		10,14
			29,32.2		X,Y		22,23
							16,17
W2HK4L	Identifiler® Plus						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
WFH4ZR	PowerPlex® 16						
	2				14,15	11,11	12,12
		14,15			8,14	11,12	10,14
			29,32.2		X,Y	12,12	22,23
		9,11	11,13		9,9.3	8,11	16,17
WGR9DF	PowerPlex® 16 HS						
	2				14,15	11,11	12,12
		14,15			8,14	11,12	10,14
			29,32.2		X,Y	12,12	22,23
		9,11	11,13		9,9.3	8,11	16,17
WLKD4Y	PowerPlex® Fusion						
	2	11,14	16,20	11,15	14,15	11	12
		14,15	14	18,25	8,14	11,12	10,14
		14	29,32.2	15,17	X,Y	12	22,23
		9,11	11,13		9,9.3	8,11	16,17
WXETTZ	PowerPlex® FUSION						
	2	11,14	16,20	11,15	14,15	11	12
		14,15	14	18,25	8,14	11,12	10,14
		14	29,32.2	15,17	X,Y	12	22,23
		9,11	11,13		9,9.3	8,11	16,17
X2CPXL	PowerPlex® PowerPlex 21						
	2	11,14	16,20	-	14,15	11,11	12,12
		14,15	-	18,25	8,14	11,12	10,14
		14,14	29,32.2	-	X,Y	12,12	22,23
		9,11	11,13	-	9,9.3	8,11	16,17
X7MMNT	Identifiler® PLUS						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 2 - STR Results

X82AYF	PowerPlex® 18D 2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
		9,11	11,13		9,9.3	8,11	16,17
XJAW9D	PowerPlex® Fusion 2	11,14	16,20	11,15	14,15	11	12
		14,15	14	18,25	8,14	11,12	10,14
		14	29,32.2	15,17	X,Y	12	22,23
		9,11	11,13		9,9.3	8,11	16,17
XQVQLX	PowerPlex® Fusion 2	11,14	16,20	11,15	14,15	11	12
		14,15	14	18,25	8,14	11,12	10,14
		14	29,32.2	15,17	X,Y	12	22,23
		9,11	11,13		9,9.3	8,11	16,17
XUU2HX	PowerPlex® Fusion 2	11,14	16,20	11,15	14,15	11	12
		14,15	14	18,25	8,14	11,12	10,14
		14	29,32.2	15,17	X,Y	12	22,23
		9,11	11,13		9,9.3	8,11	16,17
XWZL8J	Identifiler® Plus 2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
XXW3HV	Identifiler® 2	N/A	16,20	N/A	14,15	11,11	12,12
		14,15	N/A	N/A	8,14	11,12	10,14
		14,14	29,32.2	N/A	X,Y	12,12	22,23
		N/A	N/A	N/A	9,9.3	8,11	16,17
XY4GQL	COfiler® and Profiler Plus® Profiler Plus 2				14,15	11,11	12,12
		14,15			8,14		10,14
			29,32.2		X,Y		22,23
						16,17	
YDJXDH	Identifiler® 2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
YG3UZM	PowerPlex® HS 2				14,15	11,11	12,12
		14,15			8,14	11,12	10,14
			29,32.2		X,Y	12,12	22,23
		9,11	11,13		9,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 2 - STR Results

YGH9AH	<i>Identifiler® Direct</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
YHYACK	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
YLYL7Y	<i>Identifiler®</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
YPCE66	<i>Identifiler® Identifiler Plus</i>						
	2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
YQ82FM	<i>PowerPlex® 16</i>						
	2				14,15	11,11	12,12
		14,15			8,14	11,12	10,14
			29,32.2		X,Y	12,12	22,23
		9,11	11,13		9,9.3	8,11	16,17
YQ8W77	<i>Identifiler® plus</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
YVJPFJ	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
Z24CL9	<i>Identifiler®</i>						
	2		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
ZGFXT6	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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Item 2 - STR Results

ZHCGU8	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
ZMNA4K	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
ZX6TNG	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
ZZTHP9	<i>Identifiler® Plus</i>						
	2		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 3 - STR Results

28TY3Z	<i>Identifiler® Plus</i>							
	3		16,20		14,15	11,11	12,12	
		14,15			8,14	11,12	10,14	
		14,14	29,32.2		X,Y	12,12	22,23	
				9,9.3	8,11	16,17		
2BQH3D	<i>Identifiler®</i>							
	3		16,20		14,15	11,11	12,12	
		14,15			8,14	11,12	10,14	
		14,14	29,32.2		X,Y	12,12	22,23	
				9,9.3	8,11	16,17		
2H6C93	<i>Identifiler®</i>							
	3		16,20		14,15	11	12	
		14,15			8,14	11,12	10,14	
		14	29,32.2		X,Y	12	22,23	
				9,9.3	8,11	16,17		
2JJZCF	<i>Identifiler® Plus</i>							
	3		16,20		14,15	11,11	12,12	
		14,15			8,14	11,12	10,14	
		14,14	29,32.2		X,Y	12,12	22,23	
				9,9.3	8,11	16,17		
2Q42RR	<i>GlobalFiler</i>							
	3	11,14	16,20	11,15	14,15	11,11	12,12	
		14,15	14,14	18,25	8,14	11,12	10,14	
		14,14	29,32.2	15,17	X,Y	12,12	22,23	
		-	-	19,31.2	9,9.3	8,11	16,17	
2YFB27	<i>Identifiler® Plus</i>							
	3		16,20		14,15	11	12	
		14,15			8,14	11,12	10,14	
		14	29,32.2		X,Y	12	22,23	
				9,9.3	8,11	16,17		
2ZP6ZR	<i>Identifiler®</i>							
	3	n/a	16,20	n/a	14,15	11,11	12,12	
		14,15	n/a	n/a	8,14	11,12	10,14	
		14,14	29,32.2	n/a	X,Y	12,12	22,23	
		n/a	n/a	n/a	9,9.3	8,11	16,17	
32GKM9	<i>Identifiler® Plus</i>							
	3		16,20		14,15	11,11	12,12	
		14,15			8,14	11,12	10,14	
		14,14	29,32.2		X,Y	12,12	22,23	
				9,9.3	8,11	16,17		
33QP3H	<i>Identifiler® Plus</i>							
	3		16,20		14,15	11,11	12,12	
		14,15			8,14	11,12	10,14	
		14,14	29,32.2		X,Y	12,12	22,23	
				9,9.3	8,11	16,17		

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 3 - STR Results

3CWPHB	<i>Identifiler®</i> 3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
3G8KFT	<i>PowerPlex® Fusion</i> 3	11,14	16,20	11,15	14,15	11	12
		14,15	14	18,25	8,14	11,12	10,14
		14	29,32.2	15,17	X,Y	12	22,23
		9,11	11,13		9,9.3	8,11	16,17
3HJKDM	<i>PowerPlex® 16 HS</i> 3				14,15	11,11	12,12
		14,15			8,14	11,12	10,14
			29,32.2		X,Y	12,12	22,23
		9,11	11,13		9,9.3	8,11	16,17
3N86F4	<i>Identifiler®</i> 3		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
3QX7LR	<i>PowerPlex® Fusion</i> 3	11,14	16,20	11,15	14,15	11	12
		14,15	14	18,25	8,14	11,12	10,14
		14	29,32.2	15,17	X,Y	12	22,23
		9,11	11,13		9,9.3	8,11	16,17
42E7XE	<i>Identifiler®</i> 3	not tested	16,20	not tested	14,15	11,11	12,12
		14,15	not tested	not tested	8,14	11,12	10,14
		14,14	29,32.2	not tested	X,Y	12,12	22,23
		not tested	not tested	not tested	9,9.3	8,11	16,17
4APM8Z	<i>Identifiler® Plus</i> 3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
4DLDDC	<i>Identifiler®</i> 3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
4MTXUL	<i>PowerPlex® 16</i> 3				14,15	11,11	12,12
		14,15			8,14	11,12	10,14
			29,32.2		X,Y	12,12	22,23
		9,11	11,13		9,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 3 - STR Results

4TXUF8	<i>Identifiler® Plus</i> 3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
696DR4	<i>PowerPlex® Fusion</i> 3	11,14	16,20	11,15	14,15	11	12
		14,15	14	18,25	8,14	11,12	10,14
		14	29,32.2	15,17	X,Y	12	22,23
		9,11	11,13		9,9.3	8,11	16,17
69QNQC	<i>Identifiler® Plus</i> 3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
6AM42N	<i>Identifiler® Plus</i> 3		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
6D2U96	<i>Identifiler® Plus</i> 3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
6EWGHM	<i>Identifiler®</i> 3	N/A	16,20	N/A	14,15	11,11	12,12
		14,15	N/A	N/A	8,14	11,12	10,14
		14,14	29,32.2	N/A	X,Y	12,12	22,23
		N/A	N/A	N/A	9,9.3	8,11	16,17
6HHZ6E	<i>Identifiler® Plus</i> 3		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
6LGGG9	<i>Identifiler® Plus</i> 3		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
6RJPLF	<i>Identifiler® Plus</i> 3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 3 - STR Results

6RM8KE	<i>PowerPlex® PowerPlex 21</i>						
	3	11,14	16,20	N/A	14,15	11,11	12,12
		14,15	N/A	18,25	8,14	11,12	10,14
		14,14	29,32.2	N/A	X,Y	12,12	22,23
		9,11	11,13	N/A	9,9.3	8,11	16,17
6XAW7A	<i>Identifiler®</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
				9,9.3	8,11	16,17	
767EW6	<i>Identifiler® Plus</i>						
	3		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
				9,9.3	8,11	16,17	
76Z29A	<i>Identifiler®</i>						
	3		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
				9,9.3	8,11	16,17	
77F732	<i>Identifiler®</i>						
	3		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
				9,9.3	8,11	16,17	
7FQKVU	<i>Identifiler® Plus</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
				9,9.3	8,11	16,17	
7PA48E	<i>Identifiler® Plus, Minifiler</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
				9,9.3	8,11	16,17	
7PEGUB	<i>Identifiler®</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
				9,9.3	8,11	16,17	
7U32W6	<i>PowerPlex® FUSION</i>						
	3	11,14	16,20	11,15	14,15	11,11	12,12
		14,15	14,14	18,25	8,14	11,12	10,14
		14,14	29,32.2	15,17	X,Y	12,12	22,23
		9,11	11,13	-	9,9.3	8,11	16,17



TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 3 - STR Results

7WPKX3	<i>Identifiler®</i>	3	16,20		14,15	11	12
					8,14	11,12	10,14
					X,Y	12	22,23
					9,9.3	8,11	16,17
866LWC	<i>Identifiler® Plus</i>	3	16,20		14,15	11,11	12,12
					8,14	11,12	10,14
					X,Y	12,12	22,23
					9,9.3	8,11	16,17
886U2M	<i>PowerPlex® ESX 17</i>	3	16,20	11,15	14,15		
				14		11,12	10,14
				15,17	X,Y		22,23
				19,31.2	9,9.3		16,17
8FG9K4	<i>PowerPlex® FUSION</i>	3	16,20	11,15	14,15	11,11	12,12
				18,25	8,14	11,12	10,14
				15,17	X,Y	12,12	22,23
				-	9,9.3	8,11	16,17
8J2VL4	<i>Identifiler® Plus</i>	3	16,20		14,15	11	12
					8,14	11,12	10,14
					X,Y	12	22,23
					9,9.3	8,11	16,17
8KXCXZ	<i>Identifiler® PLUS</i>	3	16,20		14,15	11,11	12,12
					8,14	11,12	10,14
					X,Y	12,12	22,23
					9,9.3	8,11	16,17
8L6NF3	<i>Identifiler® Plus</i>	3	16,20		14,15	11,11	12,12
					8,14	11,12	10,14
					X,Y	12,12	22,23
					9,9.3	8,11	16,17
8RTH9T	<i>Identifiler® Plus</i>	3	16,20		14,15	11,11	12,12
					8,14	11,12	10,14
					X,Y	12,12	22,23
					9,9.3	8,11	16,17
9AUHY9	<i>Identifiler® Plus</i>	3	16,20		14,15	11,11	12,12
					8,14	11,12	10,14
					X,Y	12,12	22,23
					9,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 3 - STR Results

9C2VL2	<i>Identifiler® Plus</i>	3	16,20		14,15	11	12	
			14,15		8,14	11,12	10,14	
			14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17	
9D6TPG	<i>Identifiler® Plus</i>	3	16,20		14,15	11,11	12,12	
			14,15		8,14	11,12	10,14	
			14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17	
9DA944	<i>Identifiler® Plus</i>	3	16,20		14,15	11	12	
			14,15		8,14	11,12	10,14	
			14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17	
9MVEUF	<i>PowerPlex® 16</i>	3			14,15	11,11	12,12	
			14,15		8,14	11,12	10,14	
				29,32.2		X,Y	12,12	22,23
			9,11	11,13		9,9.3	8,11	16,17
9NQWWG	<i>PowerPlex® HS</i>	3			14,15	11,11	12,12	
			14,15		8,14	11,12	10,14	
				29,32.2		X,Y	12,12	22,23
			9,11	11,13		9,9.3	8,11	16,17
9VDHAV	<i>Identifiler® Plus</i>	3	16,20		14,15	11	12	
			14,15		8,14	11,12	10,14	
			14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17	
9VT2R8	<i>Identifiler®</i>	3	16,20		14,15	11,11	12,12	
			14,15		8,14	11,12	10,14	
			14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17	
A39YZQ	<i>Identifiler® Plus</i>	3	16,20		14,15	11,11	12,12	
			14,15		8,14	11,12	10,14	
			14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17	
A99JZ2	<i>globalfiler</i>	3	11,14	16,20	11,15	14,15	11,11	12,12
			14,15	14,14	18,25	8,14	11,12	10,14
			14,14	29,32.2	15,17	X,Y	12,12	22,23
					19,31.2	9,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 3 - STR Results

ALG3XV	<i>Identifiler® Plus</i>						
	3	NA	16,20	NA	14,15	11,11	12,12
		14,15	NA	NA	8,14	11,12	10,14
		14,14	29,32.2	NA	X,Y	12,12	22,23
	NA	NA	NA	9,9.3	8,11	16,17	
AUAFVA	<i>Identifiler® Plus</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
				9,9.3	8,11	16,17	
BEZXHG	<i>Identifiler® Plus</i>						
	3		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
				9,9.3	8,11	16,17	
BLGNQU	<i>Identifiler® Plus</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
				9,9.3	8,11	16,17	
BMNTHW	<i>Identifiler®</i>						
	3		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
				9,9.3	8,11	16,17	
BQTGY8	<i>Identifiler® Plus</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
				9,9.3	8,11	16,17	
BTWAQK	<i>PowerPlex® Fusion, GlobalFiler</i>						
	3	11,14	16,20	11,15	14,15	11	12
		14,15	14	18,25	8,14	11,12	10,14
		14	29,32.2	15,17	X,Y	12	22,23
	9,11	11,13	19,31.2	9,9.3	8,11	16,17	
C74DXZ	<i>Identifiler® Plus</i>						
	3		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
				9,9.3	8,11	16,17	
C9MPCW	<i>Identifiler® Plus</i>						
	3		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
				9,9.3	8,11	16,17	

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 3 - STR Results

CAH8EX	<i>Identifiler® Plus</i>						
	3		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
CCK9EU	<i>Identifiler® Plus</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
CERBGT	<i>Identifiler®</i>						
	3		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
CF3FUG	<i>PowerPlex® PowerPlex16HS, PowerPlex-ESX-17</i>						
	3	11,14	16,20	11,15	14,15	11	12
		14,15	14	18,25	8,14	11,12	10,14
		14	29,32.2	15,17	X,Y	12	22,23
		9,11	11,13	19,31.2	9,9.3	8,11	16,17
CZBDJ6	<i>Identifiler® Plus</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
D442AB	<i>Identifiler®</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
D6YKBC	<i>Identifiler®</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
DEPYG4	<i>Identifiler®</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
DX3HD8	<i>Identifiler® Plus</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 3 - STR Results

E3QML2	<i>Identifiler®</i> 3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
E7RP8W	<i>Investigator IDplex Plus</i> 3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
E9Y3VP	<i>Identifiler® Plus</i> 3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
EDBV44	<i>Identifiler® Plus</i> 3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
EV8LXC	<i>Identifiler® Plus</i> 3	-	16,20	-	14,15	11	12
		14,15	-	-	8,14	11,12	10,14
		14	29,32.2	-	X,Y	12	22,23
		-	-	-	9,9.3	8,11	16,17
EXG9VQ	<i>Identifiler®</i> 3		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
FBZDFR	<i>PowerPlex® Fusion</i> 3	11,14	16,20	11,15	14,15	11	12
		14,15	14	18,25	8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
		9,11	11,13		9,9.3	8,11	16,17
FHFA8K	<i>Identifiler® Plus</i> 3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
FVKEBQ	<i>Identifiler®</i> 3		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 3 - STR Results

GBBUW3	<i>Identifiler® Plus</i>	3	16,20		14,15	11,11	12,12
					8,14	11,12	10,14
			29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
GBUL42	<i>Identifiler® Plus</i>	3	16,20		14,15	11,11	12,12
					8,14	11,12	10,14
			29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
GBX6Q6	<i>Identifiler® Plus</i>	3	16,20		14,15	11,11	12,12
					8,14	11,12	10,14
			29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
GRKGLK	<i>Identifiler® Plus</i>	3	16,20		14,15	11,11	12,12
					8,14	11,12	10,14
			29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
GV4HJR	<i>Identifiler®</i>	3	16,20		14,15	11	12
					8,14	11,12	10,14
			29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
GWEK6Q	<i>Investigator ESSplex Plus</i>	3	16,20	11,15	14,15		
				14,14	18,25	11,12	10,14
			29,32.2	15,17	X,Y		22,23
					9,9.3		16,17
GZC2J6	<i>PowerPlex® 16HS</i>	3			14,15	11,11	12,12
					8,14	11,12	10,14
			29,32.2		X,Y	12,12	22,23
			9,11	11,13	9,9.3	8,11	16,17
H2M474	<i>Identifiler®</i>	3	16,20		14,15	11,11	12,12
					8,14	11,12	10,14
			29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
H3JJH2	<i>Identifiler® Plus</i>	3	16,20		14,15	11,11	12,12
					8,14	11,12	10,14
			29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 3 - STR Results

HEA7R3	<i>Identifiler® Plus</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
HGKB7Q	<i>Identifiler® Plus</i>						
	3		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
HPVGZ9	<i>Identifiler® Plus</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
HQKZMR	<i>Globalfiler</i>						
	3	11,14	16,20	11,15	14,15	11,11	12,12
		14,15	14,14	18,25	8,14	11,12	10,14
		14,14	29,32.2	15,17	X,Y	12,12	22,23
				19,31.2	9,9.3	8,11	16,17
HRFGYP	<i>Identifiler® Plus</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
HWRA93	<i>Identifiler® Plus</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
HX47JY	<i>Identifiler®</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
J2H79D	<i>Identifiler®</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
JCZM36	<i>PowerPlex® PP16</i>						
	3				14,15	11,11	12,12
		14,15			8,14	11,12	10,14
			29,32.2		X,Y	12,12	22,23
		9,11	11,13		9,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 3 - STR Results

JFY2NA	<i>Identifiler®</i>	3	N/A	16,20	N/A	14,15	11,11	12,12
			14,15	N/A	N/A	8,14	11,12	10,14
			14,14	29,32.2	N/A	X,Y	12,12	22,23
			N/A	N/A	N/A	9,9.3	8,11	16,17
JMMNHF	<i>Identifiler®</i>	3		16,20		14,15	11,11	12,12
			14,15			8,14	11,12	10,14
			14,14	29,32.2		X,Y	12,12	22,23
						9,9.3	8,11	16,17
JRBLTN	<i>Identifiler® Plus</i>	3		16,20		14,15	11	12
			14,15			8,14	11,12	10,14
			14	29,32.2		X,Y	12	22,23
						9,9.3	8,11	16,17
JRFL87	<i>Identifiler®</i>	3	N/A	16,20	N/A	14,15	11,11	12,12
			14,15	N/A	N/A	8,14	11,12	10,14
			14,14	29,32.2	N/A	X,Y	12,12	22,23
			N/A	N/A	N/A	9,9.3	8,11	16,17
JTM473	<i>Identifiler® Plus</i>	3		16,20		14,15	11,11	12,12
			14,15			8,14	11,12	10,14
			14,14	29,32.2		X,Y	12,12	22,23
						9,9.3	8,11	16,17
JTQMVQ	<i>PowerPlex® Fusion</i>	3	11,14	16,20	11,15	14,15	11,11	12,12
			14,15	14,14	18,25	8,14	11,12	10,14
			14,14	29,32.2	15,17	X,Y	12,12	22,23
			9,11	11,13		9,9.3	8,11	16,17
JUZWJG	<i>Identifiler® Plus</i>	3		16,20		14,15	11,11	12,12
			14,15			8,14	11,12	10,14
			14,14	29,32.2		X,Y	12,12	22,23
						9,9.3	8,11	16,17
K448Q7	<i>Identifiler® Plus</i>	3	-	16,20	-	14,15	11	12
			14,15	-	-	8,14	11,12	10,14
			14	29,32.2	-	X,Y	12	22,23
			-	-	-	9,9.3	8,11	16,17
K88X2R	<i>Identifiler® Plus</i>	3		16,20		14,15	11	12
			14,15			8,14	11,12	10,14
			14	29,32.2		X,Y	12	22,23
						9,9.3	8,11	16,17



TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 3 - STR Results

KJZK8M	<i>Identifiler® Plus</i>	3	16,20		14,15	11	12	
			14,15		8,14	11,12	10,14	
			14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17	
KW3VUA	<i>PowerPlex® 16 HS, ESX, FUSION</i>	3	11,14	16,20	11,15	14,15	11	12
			14,15	14	18,25	8,14	11,12	10,14
			14	29,32.2	15,17	X,Y	12	22,23
			9,11	11,13	19,31.2	9,9.3	8,11	16,17
L43PAM	<i>Identifiler® Plus</i>	3	16,20		14,15	11	12	
			14,15		8,14	11,12	10,14	
			14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17	
LKQ3LU	<i>Identifiler®</i>	3	16,20		14,15	11,11	12,12	
			14,15		8,14	11,12	10,14	
			14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17	
LN7D2J	<i>Identifiler® Plus</i>	3	16,20		14,15	11,11	12,12	
			14,15		8,14	11,12	10,14	
			14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17	
LR6T7Z	<i>PowerPlex® PP16</i>	3			14,15	11,11	12,12	
			14,15		8,14	11,12	10,14	
				29,32.2		X,Y	12,12	22,23
			9,11	11,13		9,9.3	8,11	16,17
LT29HW	<i>Identifiler® Plus</i>	3	16,20		14,15	11,11	12,12	
			14,15		8,14	11,12	10,14	
			14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17	
M2MUYE	<i>Identifiler®</i>	3	16,20		14,15	11	12	
			14,15		8,14	11,12	10,14	
			14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17	
M8BGUK	<i>PowerPlex® Fusion</i>	3	11,14	16,20	11,15	14,15	11	12
			14,15	14	18,25	8,14	11,12	10,14
			14	29,32.2	15,17	X,Y	12	22,23
			9,11	11,13		9,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 3 - STR Results

M8D8Z3	Identifiler®						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
MBDBWW	Identifiler® Plus						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
MJA9LK	Identifiler® Plus						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
MMAEZP	PowerPlex® Fusion						
	3	11,14	16,20	11,15	14,15	11	12
		14,15	14	18,25	8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
		9,11	11,13		9,9.3	8,11	16,17
MXA89G	Identifiler® Plus						
	3		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
NCKUCJ	Identifiler®						
	3		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
NDHHEE	Identifiler® Plus						
	3		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
NLQ2QJ	Identifiler®						
	3		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
NTQGGQ	Identifiler®						
	3		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 3 - STR Results

NWACGX	<i>Identifiler® Plus</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
NXL4EL	<i>Identifiler® Plus</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
NYGQQP	<i>Identifiler® , PowerPlex® 16 HS</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
		9,11	11,13		9,9.3	8,11	16,17
PAUBL6	<i>PowerPlex® Fusion, GlobalFiler</i>						
	3	11,14	16,20	11,15	14,15	11	12
		14,15	14	18,25	8,14	11,12	10,14
		14	29,32.2	15,17	X,Y	12	22,23
		9,11	11,13	19,31.2	9,9.3	8,11	16,17
PCW9WX	<i>Identifiler® Plus</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
PDD6NX	<i>Identifiler®</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
PJKWR4	<i>Identifiler® , MiniFiler</i>						
	3		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
PKU26R	<i>Identifiler® Plus, MiniFiler</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
PPKBEQ	<i>Identifiler®</i>						
	3		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 3 - STR Results

PPPM3M	<i>Identifiler® Plus</i>							
	3		16,20		14,15	11	12	
		14,15			8,14	11,12	10,14	
		14	29,32.2		X,Y	12	22,23	
				9,9.3	8,11	16,17		
PXZWNW	<i>Identifiler® Plus</i>							
	3		16,20		14,15	11,11	12,12	
		14,15			8,14	11,12	10,14	
		14,14	29,32.2		X,Y	12,12	22,23	
				9,9.3	8,11	16,17		
PYVDZQ	<i>Identifiler®</i>							
	3		16,20		14,15	11	12	
		14,15			8,14	11,12	10,14	
		14	29,32.2		X,Y	12	22,23	
				9,9.3	8,11	16,17		
Q2V66A	<i>PowerPlex® Fusion</i>							
	3	11,14	16,20	11,15	14,15	11	12	
		14,15	14	18,25	8,14	11,12	10,14	
		14	29,32.2	15,17	X,Y	12	22,23	
	9,11	11,13		9,9.3	8,11	16,17		
QANFF6	<i>PowerPlex® Fusion</i>							
	3	11,14	16,20	11,15	14,15	11	12	
		14,15	14	18,25	8,14	11,12	10,14	
		14	29,32.2	15,17	X,Y	12	22,23	
	9,11	11,13		9,9.3	8,11	16,17		
QELRJG	<i>Identifiler® Plus</i>							
	3		16,20		14,15	11	12	
		14,15			8,14	11,12	10,14	
		14	29,32.2		X,Y	12	22,23	
				9,9.3	8,11	16,17		
QEMPUD	<i>Identifiler® Plus</i>							
	3		16,20		14,15	11	12	
		14,15			8,14	11,12	10,14	
		14	29,32.2		X,Y	12	22,23	
				9,9.3	8,11	16,17		
QFC3AA	<i>Identifiler® Plus</i>							
	3	-	16,20	-	14,15	11,11	12,12	
		14,15	-	-	8,14	11,12	10,14	
		14,14	29,32.2	-	X,Y	12,12	22,23	
	-	-	-	9,9.3	8,11	16,17		
QL8TYU	<i>Identifiler® Plus</i>							
	3		16,20		14,15	11	12	
		14,15			8,14	11,12	10,14	
		14	29,32.2		X,Y	12	22,23	
				9,9.3	8,11	16,17		

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 3 - STR Results

QN9U2C	<i>Identifiler® Plus, Minifiler</i>						
	3		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
QP6EMQ	<i>Identifiler® Plus</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
QTZ34X	<i>Identifiler® Plus</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
R37AHX	<i>Identifiler® Plus</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
RFCDPD	<i>Identifiler® Plus</i>						
	3	NA	16,20	NA	14,15	11,11	12,12
		14,15	NA	NA	8,14	11,12	10,14
		14,14	29,32.2	NA	X,Y	12,12	22,23
		NA	NA	NA	9,9.3	8,11	16,17
RFUAAZ	<i>PowerPlex® Fusion</i>						
	3	11,14	16,20	11,15	14,15	11	12
		14,15	14	18,25	8,14	11,12	10,14
		14	29,32.2	15,17	X,Y	12	22,23
		9,11	11,13		9,9.3	8,11	16,17
RK6MRY	<i>Identifiler® Plus</i>						
	3	-	16,20	-	14,15	11	12
		14,15	-	-	8,14	11,12	10,14
		14	29,32.2	-	X,Y	12	22,23
		-	-	-	9,9.3	8,11	16,17
RPYGQL	<i>Identifiler[sic] Direct</i>						
	3	11,14	16,20	11,15	14,15	11,11	12,12
		14,15	14,14	18,25	8,14	11,12	10,14
		14,14	29,32.2	15,17	X,Y	12,12	22,23
		9,11	11,13	19,31.2	9,9.3	8,11	16,17
RTHBRR	<i>COfiler® and Profiler Plus®</i>						
	3				14,15	11,11	12,12
		14,15			8,14		10,14
			29,32.2		X,Y		22,23
							16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 3 - STR Results

RTKYBR	<i>Identifiler® Plus</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
				9,9.3	8,11	16,17	
RZ2WHB	<i>Identifiler® Plus</i>						
	3		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
				9,9.3	8,11	16,17	
T72B4C	<i>Identifiler® Plus</i>						
	3	N/A	16,20	N/A	14,15	11,11	12,12
		14,15	N/A	N/A	8,14	11,12	10,14
		14,14	29,32.2	N/A	X,Y	12,12	22,23
		N/A	N/A	9,9.3	8,11	16,17	
T9NZFD	<i>Identifiler®</i>						
	3		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
				9,9.3	8,11	16,17	
TDMD33	<i>PowerPlex® Fusion</i>						
	3	11,14	16,20	11,15	14,15	11	12
		14,15	14	18,25	8,14	11,12	10,14
		14	29,32.2	15,17	X,Y	12	22,23
		9,11	11,13	9,9.3	8,11	16,17	
TKMQ8C	<i>Identifiler® plus</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
				9,9.3	8,11	16,17	
TPCA3F	<i>Identifiler®</i>						
	3		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
				9,9.3	8,11	16,17	
TTE7WF	<i>Identifiler® Plus</i>						
	3		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
				9,9.3	8,11	16,17	
TZWJTU	<i>PowerPlex® 16</i>						
	3				14,15	11,11	12,12
		14,15			8,14	11,12	10,14
			29,32.2		X,Y	12,12	22,23
		9,11	11,13	9,9.3	8,11	16,17	

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 3 - STR Results

U3VEP3	<i>Identifiler®</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
U8BP37	<i>Identifiler®</i>						
	3		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
UBVRUC	<i>Identifiler® Plus</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
UC97GK	<i>Identifiler® Plus</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
UF8HDK	<i>Identifiler® Plus, MiniFiler</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
UJ49JW	<i>Identifiler®</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
UNEJA7	<i>Identifiler® Plus</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
UP8FWE	<i>Identifiler®</i>						
	3		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
UQ6G8C	<i>Identifiler® Plus</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 3 - STR Results

UU6TJ4	<i>Identifiler®</i> 3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
UXZMG6	<i>Identifiler®</i> 3		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
UZBKUM	<i>Identifiler®</i> 3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
V3B2Y4	<i>Identifiler® Plus</i> 3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
V3CQ6L	<i>Identifiler® Plus</i> 3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
V7ACU4	<i>Identifiler® Plus</i> 3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
V7C22L	<i>Identifiler® Plus, MiniFiler</i> 3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
V7FGF8	<i>Identifiler® Plus, MiniFiler</i> 3		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
VNUYLL	<i>Identifiler®</i> 3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17



TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 3 - STR Results

VUKD42	<i>Identifiler®</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
W2FWKM	<i>COfiler® and Profiler Plus®</i>						
	3				14,15	11,11	12,12
		14,15			8,14		10,14
			29,32.2		X,Y		22,23
							16,17
W2HK4L	<i>Identifiler® Plus</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
WFH4ZR	<i>Identifiler® Plus</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
WGR9DF	<i>PowerPlex® 16 HS</i>						
	3				14,15	11,11	12,12
		14,15			8,14	11,12	10,14
			29,32.2		X,Y	12,12	22,23
		9,11	11,13		9,9.3	8,11	16,17
WLKD4Y	<i>PowerPlex® Fusion</i>						
	3	11,14	16,20	11,15	14,15	11	12
		14,15	14	18,25	8,14	11,12	10,14
		14	29,32.2	15,17	X,Y	12	22,23
		9,11	11,13		9,9.3	8,11	16,17
WXETTZ	<i>PowerPlex® FUSION</i>						
	3	11,14	16,20	11,15	14,15	11	12
		14,15	14	18,25	8,14	11,12	10,14
		14	29,32.2	15,17	X,Y	12	22,23
		9,11	11,13		9,9.3	8,11	16,17
X2CPXL	<i>PowerPlex® PowerPlex 21</i>						
	3	11,14	16,20	-	14,15	11,11	12,12
		14,15	-	18,25	8,14	11,12	10,14
		14,14	29,32.2	-	X,Y	12,12	22,23
		9,11	11,13	-	9,9.3	8,11	16,17
X7MMNT	<i>Identifiler® PLUS</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 3 - STR Results

XJAW9D	<i>PowerPlex® Fusion</i>	3	11,14	16,20	11,15	14,15	11	12
			14,15	14	18,25	8,14	11,12	10,14
			14	29,32.2	15,17	X,Y	12	22,23
			9,11	11,13		9,9.3	8,11	16,17
XQVQLX	<i>PowerPlex® Fusion</i>	3	11,14	16,20	11,15	14,15	11	12
			14,15	14	18,25	8,14	11,12	10,14
			14	29,32.2	15,17	X,Y	12	22,23
			9,11	11,13		9,9.3	8,11	16,17
XUU2HX	<i>PowerPlex® Fusion</i>	3	11,14	16,20	11,15	14,15	11	12
			14,15	14	18,25	8,14	11,12	10,14
			14	29,32.2	15,17	X,Y	12	22,23
			9,11	11,13		9,9.3	8,11	16,17
XWZL8J	<i>Identifiler® Plus</i>	3		16,20		14,15	11,11	12,12
			14,15			8,14	11,12	10,14
			14,14	29,32.2		X,Y	12,12	22,23
						9,9.3	8,11	16,17
XXW3HV	<i>Identifiler®</i>	3	N/A	16,20	N/A	14,15	11,11	12,12
			14,15	N/A	N/A	8,14	11,12	10,14
			14,14	29,32.2	N/A	X,Y	12,12	22,23
			N/A	N/A	N/A	9,9.3	8,11	16,17
XY4GQL	<i>COfiler® and Profiler Plus® Profiler Plus</i>	3				14,15	11,11	12,12
			14,15			8,14		10,14
				29,32.2		X,Y		22,23
							16,17	
YG3UZM	<i>PowerPlex®</i>	3				14,15	11,11	12,12
			14,15			8,14	11,12	10,14
				29,32.2		X,Y	12,12	22,23
			9,11	11,13		9,9.3	8,11	16,17
YGH9AH	<i>Identifiler®</i>	3		16,20		14,15	11,11	12,12
			14,15			8,14	11,12	10,14
			14,14	29,32.2		X,Y	12,12	22,23
						9,9.3	8,11	16,17
YHYACK	<i>Identifiler® Plus</i>	3		16,20		14,15	11,11	12,12
			14,15			8,14	11,12	10,14
			14,14	29,32.2		X,Y	12,12	22,23
						9,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 3 - STR Results

YPCE66	<i>Identifiler® Identifiler Plus</i>						
	3		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
YQ82FM	<i>PowerPlex® 16</i>						
	3				14,15	11,11	12,12
		14,15			8,14	11,12	10,14
			29,32.2		X,Y	12,12	22,23
		9,11	11,13		9,9.3	8,11	16,17
YQ8W77	<i>Identifiler® plus</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
YVJPFJ	<i>Identifiler® Plus, Minifiler</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
Z24CL9	<i>Identifiler®</i>						
	3		16,20		14,15	11	12
		14,15			8,14	11,12	10,14
		14	29,32.2		X,Y	12	22,23
					9,9.3	8,11	16,17
ZGFXT6	<i>Identifiler® Plus</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
ZHCGU8	<i>Identifiler® Plus</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
ZMNA4K	<i>Identifiler® Plus</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17
ZX6TNG	<i>Identifiler® Plus, MiniFiler</i>						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

## Item 3 - STR Results

ZZTHP9	Identifiler® Plus						
	3		16,20		14,15	11,11	12,12
		14,15			8,14	11,12	10,14
		14,14	29,32.2		X,Y	12,12	22,23
					9,9.3	8,11	16,17

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 4 - STR Results

28TY3Z	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
				6,7	8,11	16,16	
2BQH3D	<i>Identifiler®</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
				6,7	8,11	16,16	
2H6C93	<i>Identifiler®</i>						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
				6,7	8,11	16	
2JJZCF	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
				6,7	8,11	16,16	
2Q42RR	<i>GlobalFiler</i>						
	4	13,17.3	22,24	11,12	15,17	12,16	8,8
		14,15	12,15	17,19	12,14	11,12	15,15
		13,14	28,31	17,17	X,X	8,14	23,26
		-	-	16,17	6,7	8,11	16,16
2YFB27	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
				6,7	8,11	16	
2ZP6ZR	<i>Identifiler®</i>						
	4	n/a	22,24	n/a	16,17	12,16	8,8
		14,15	n/a	n/a	12,14	11,12	15,15
		13,14	28,31	n/a	X,X	8,14	23,26
		n/a	n/a	n/a	6,7	8,11	16,16
32GKM9	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
				6,7	8,11	16,16	
33QP3H	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
				6,7	8,11	16,16	

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 4 - STR Results

3CWPHB	Identifiler® 4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
3G8KFT	PowerPlex® Fusion 4	13,17.3	22,24	11,12	16,17	12,16	8
		14,15	12,15	17,19	12,14	11,12	15
		13,14	28,31	17	X	8,14	23,26
		7,13	12		6,7	8,11	16
3HJKDM	PowerPlex® 16 HS 4				16,17	12,16	8,8
		14,15			12,14	11,12	15,15
			28,31		X,X	8,14	23,26
		7,13	12,12		6,7	8,11	16,16
3N86F4	Identifiler® 4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
					6,7	8,11	16
3QX7LR	PowerPlex® Fusion 4	13,17.3	22,24	11,12	16,17	12,16	8
		14,15	12,15	17,19	12,14	11,12	15
		13,14	28,31	17	X	8,14	23,26
		7,13	12		6,7	8,11	16
42E7XE	Identifiler® 4	not tested	22,24	not tested	16,17	12,16	8,8
		14,15	not tested	not tested	12,14	11,12	15,15
		13,14	28,31	not tested	X,X	8,14	23,26
		not tested	not tested	not tested	6,7	8,11	16,16
4APM8Z	Identifiler® Plus 4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
4DLDDC	Identifiler® 4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
4MTXUL	PowerPlex® 16 4				16,17	12,16	8,8
		14,15			12,14	11,12	15,15
			28,31		X,X	8,14	23,26
		7,13	12,12		6,7	8,11	16,16

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 4 - STR Results

4TXUF8	4	22,24 14,15 13,14	16,17 12,14 X,X 6,7	12,16 11,12 8,14 8,11	8,8 15,15 23,26 16,16		
696DR4	PowerPlex® Fusion 4	13,17.3 14,15 13,14 7,13	22,24 12,15 28,31 12	11,12 17,19 17 6,7	16,17 12,14 X,X 6,7	12,16 11,12 8,14 8,11	8 15 23,26 16
69QNQC	Identifiler® Plus 4	22,24 14,15 13,14	16,17 12,14 X,X 6,7	12,16 11,12 8,14 8,11	8,8 15,15 23,26 16,16		
6AM42N	Identifiler® Plus 4	22,24 14,15 13,14	16,17 12,14 X,X 6,7	12,16 11,12 8,14 8,11	8 15 23,26 16		
6D2U96	Identifiler® Plus 4	22,24 14,15 13,14	16,17 12,14 X,X 6,7	12,16 11,12 8,14 8,11	8,8 15,15 23,26 16,16		
6EWGHM	Identifiler® 4	N/A 14,15 13,14 N/A	22,24 N/A 28,31 N/A	N/A N/A N/A N/A	16,17 12,14 X,X 6,7	12,16 11,12 8,14 8,11	8,8 15,15 23,26 16,16
6HHZ6E	Identifiler® Plus 4	16,20 14,15 14,14	29,32.2	14,15 8,14 X,Y 9,9.3	11,11 11,12 12,12 8,11	12,12 10,14 22,23 16,17	
6LGGG9	Identifiler® Plus 4	22,24 14,15 13,14	16,17 12,14 X 6,7	12,16 11,12 8,14 8,11	8 15 23,26 16		
6RJPLF	Identifiler® Plus 4	22,24 14,15 13,14	16,17 12,14 X,X 6,7	12,16 11,12 8,14 8,11	8,8 15,15 23,26 16,16		

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 4 - STR Results

6RM8KE	PowerPlex® PowerPlex 21						
	4	13,17.3	22,24	N/A	16,17	12,16	8,8
		14,15	N/A	17,19	12,14	11,12	15,15
		13,14	28,31	N/A	X,X	8,14	23,26
		7,13	12,12	N/A	6,7	8,11	16,16
6XAW7A	Identifiler®						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
				6,7	8,11	16,16	
767EW6	Identifiler® Plus						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
				6,7	8,11	16	
76Z29A	Identifiler®						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
				6,7	8,11	16	
77F732	Identifiler®						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
				6,7	8,11	16	
7FQKVU	Identifiler® Plus						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
				6,7	8,11	16,16	
7PA48E	Identifiler® Plus, Minifiler						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
				6,7	8,11	16,16	
7PEGUB	Identifiler®						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
				6,7	8,11	16,16	
7U32W6	PowerPlex® FUSION						
	4	13,17.3	22,24	11,12	16,17	12,16	8,8
		14,15	12,15	17,19	12,14	11,12	15,15
		13,14	28,31	17,17	X,X	8,14	23,26
		7,13	12,12	-	6,7	8,11	16,16



TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 4 - STR Results

7WPKX3	Identifiler®						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
					6,7	8,11	16
866LWC	Identifiler® Plus						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
886U2M	PowerPlex® ESX 17						
	4	13,17.3	22,24	11,12	16,17		
		14,15	12,15	17,19		11,12	15
		13,14	28,31	17	X		23,26
				16,17	6,7		16
8FG9K4	PowerPlex® FUSION						
	4	13,17.3	22,24	11,12	16,17	12,16	8,8
		14,15	12,15	17,19	12,14	11,12	15,15
		13,14	28,31	17,17	X,X	8,14	23,26
		7,13	12,12	-	6,7	8,11	16,16
8J2VL4	Identifiler® Plus						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
					6,7	8,11	16
8KXCXZ	Identifiler® PLUS						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
8L6NF3	Identifiler® Plus						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
8RTH9T	Identifiler® Plus						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
9AUHY9	Identifiler® Plus						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 4 - STR Results

9C2VL2	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
				6,7	8,11	16	
9D6TPG	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
				6,7	8,11	16,16	
9DA944	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
				6,7	8,11	16	
9MVEUF	<i>PowerPlex® 16</i>						
	4				16,17	12,16	8,8
		14,15			12,14	11,12	15,15
			28,31		X,X	8,14	23,26
	7,13	12,12		6,7	8,11	16,16	
9NQWWG	<i>PowerPlex® HS</i>						
	4				16,17	12,16	8,8
		14,15			12,14	11,12	15,15
			28,31		X,X	8,14	23,26
	7,13	12,12		6,7	8,11	16,16	
9VDHAV	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
				6,7	8,11	16	
9VT2R8	<i>Identifiler®</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
				6,7	8,11	16,16	
A39YZQ	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
				6,7	8,11	16,16	
A99JZ2	<i>GlobalFiler</i>						
	4	13,17.3	22,24	11,12	16,17	12,16	8,8
		14,15	12,15	17,19	12,14	11,12	15,15
		13,14	28,31	17,17	X,X	8,14	23,26
			16,17	6,7	8,11	16,16	

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 4 - STR Results

ALG3XV	<i>Identifiler® Plus</i>						
	4	NA	22,24	NA	16,17	12,16	8,8
		14,15	NA	NA	12,14	11,12	15,15
		13,14	28,31	NA	X,X	8,14	23,26
		NA	NA	NA	6,7	8,11	16,16
AUAFVA	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
BEZXHG	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16
BLGNQU	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
BMNTHW	<i>Identifiler®</i>						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
					6,7	8,11	16
BQTYG8	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
BTWAQK	<i>PowerPlex® Fusion, GlobalFiler</i>						
	4	13,17.3	22,24	11,12	16,17	12,16	8
		14,15	12,15	17,19	12,14	11,12	15
		13,14	28,31	17	X	8,14	23,26
		7,13	12	16,17	6,7	8,11	16
C74DXZ	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
					6,7	8,11	16
C9MPCW	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
					6,7	8,11	16

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 4 - STR Results

CAH8EX	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
					6,7	8,11	16
CCK9EU	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
CERBGT	<i>Identifiler®</i>						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
					6,7	8,11	16
CF3FUG	<i>PowerPlex® PowerPlex16HS, PowerPlex-ESX-17</i>						
	4	13,17.3	22,24	11,12	16,17	12,16	8
		14,15	12,15	17,19	12,14	11,12	15
		13,14	28,31	17	X	8,14	23,26
		7,13	12	16,17	6,7	8,11	16
CZBDJ6	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
D442AB	<i>Identifiler®</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
D6YKBC	<i>Identifiler®</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
DEPYG4	<i>Identifiler®</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
DX3HD8	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 4 - STR Results

E3QML2	<i>Identifiler®</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
E7RP8W	<i>Investigator IDplex Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
E9Y3VP	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
EDBV44	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
EV8LXC	<i>Identifiler® Plus</i>						
	4	-	22,24	-	16,17	12,16	8
		14,15	-	-	12,14	11,12	15
		13,14	28,31	-	X,X	8,14	23,26
		-	-	-	6,7	8,11	16
EXG9VQ	<i>Identifiler®</i>						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
					6,7	8,11	16
FBZDFR	<i>PowerPlex®</i>						
	4	13,17.3	22,24	11,12	16,17	12,16	8
		14,15	12,15	17,19	12,14	11,12	15
		13,14	28,31	17	X	8,14	23,26
		7,13	12		6,7	8,11	16
FHFA8K	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
FVKEBQ	<i>Identifiler®</i>						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
					6,7	8,11	16

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 4 - STR Results

GBBUW3	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
				6,7	8,11	16,16	
GBUL42	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
				6,7	8,11	16,16	
GBX6Q6	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
				6,7	8,11	16,16	
GRKGLK	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
				6,7	8,11	16,16	
GV4HJR	<i>Identifiler®</i>						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
				6,7	8,11	16	
GWEK6Q	<i>Investigator ESSplex Plus</i>						
	4	13,17.3	22,24	11,12	16,17		
		14,15	12,15	17,19		11,12	15,15
		13,14	28,31	17,17	X,X		23,26
				6,7		16,16	
GZC2J6	<i>PowerPlex® 16HS</i>						
	4				16,17	12,16	8,8
		14,15			12,14	11,12	15,15
			28,31		X,X	8,14	23,26
		7,13	12,12		6,7	8,11	16,16
H2M474	<i>Identifiler®</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
				6,7	8,11	16,16	
H3JJH2	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
				6,7	8,11	16,16	

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 4 - STR Results

HEA7R3	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
HGKB7Q	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
					6,7	8,11	16
HPVGZ9	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
HQKZMR	<i>Globalfiler</i>						
	4	13,17.3	22,24	11,12	16,17	12,16	8,8
		14,15	12,15	17,19	12,14	11,12	15,15
		13,14	28,31	17,17	X,X	8,14	23,26
				16,17	6,7	8,11	16,16
HRFGYP	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
HWRA93	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
HX47JY	<i>Identifiler®</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
J2H79D	<i>Identifiler®</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
JCZM36	<i>PowerPlex® PP16</i>						
	4				16,17	12,16	8,8
		14,15			12,14	11,12	15,15
			28,31		X,X	8,14	23,26
		7,13	12,12		6,7	8,11	16,16

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 4 - STR Results

JFY2NA	<i>Identifiler®</i>	4	N/A	22,24	N/A	16,17	12,16	8,8
			14,15	N/A	N/A	12,14	11,12	15,15
			13,14	28,31	N/A	X,X	8,14	23,26
			N/A	N/A	N/A	6,7	8,11	16,16
JMMNHF	<i>Identifiler®</i>	4		22,24		16,17	12,16	8,8
			14,15			12,14	11,12	15,15
			13,14	28,31		X,X	8,14	23,26
						6,7	8,11	16,16
JRBLTN	<i>Identifiler® Plus</i>	4		22,24		16,17	12,16	8
			14,15			12,14	11,12	15
			13,14	28,31		X	8,14	23,26
						6,7	8,11	16
JRFL87	<i>Identifiler®</i>	4	N/A	22,24	N/A	16,17	12,16	8,8
			14,15	N/A	N/A	12,14	11,12	15,15
			13,14	28,31	N/A	X,X	8,14	23,26
			N/A	N/A	N/A	6,7	8,11	16,16
JTM473	<i>Identifiler® Plus</i>	4		22,24		16,17	12,16	8,8
			14,15			12,14	11,12	15,15
			13,14	28,31		X,X	8,14	23,26
						6,7	8,11	16,16
JTQMVQ	<i>PowerPlex® Fusion</i>	4	13,17.3	22,24	11,12	16,17	12,16	8,8
			14,15	12,15	17,19	12,14	11,12	15,15
			13,14	28,31	17,17	X,X	8,14	23,26
			7,13	12,12		6,7	8,11	16,16
JUZWJG	<i>Identifiler® Plus</i>	4		22,24		16,17	12,16	8,8
			14,15			12,14	11,12	15,15
			13,14	28,31		X,X	8,14	23,26
						6,7	8,11	16,16
K448Q7	<i>Identifiler® Plus</i>	4	-	22,24	-	16,17	12,16	8
			14,15	-	-	12,14	11,12	15
			13,14	28,31	-	X,X	8,14	23,26
			-	-	-	6,7	8,11	16
K88X2R	<i>Identifiler® Plus</i>	4		22,24		16,17	12,16	8
			14,15			12,14	11,12	15
			13,14	28,31		X,X	8,14	23,26
						6,7	8,11	16



TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 4 - STR Results

KJZK8M	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
				6,7	8,11	16	
KW3VUA	<i>PowerPlex® 16 HS, ESX, FUSION</i>						
	4	13,17.3	22,24	11,12	16,17	12,16	8
		14,15	12,15	17,19	12,14	11,12	15
		13,14	28,31	17	X	8,14	23,26
		7,13	12	16,17	6,7	8,11	16
L43PAM	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
				6,7	8,11	16	
LKQ3LU	<i>Identifiler®</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
				6,7	8,11	16,16	
LN7D2J	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
				6,7	8,11	16,16	
LR6T7Z	<i>PowerPlex® PP16</i>						
	4				16,17	12,16	8,8
		14,15			12,14	11,12	15,15
			28,31		X,X	8,14	23,26
	7,13	12,12		6,7	8,11	16,16	
LT29HW	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
				6,7	8,11	16,16	
M2MUYE	<i>Identifiler®</i>						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
				6,7	8,11	16	
M8BGUK	<i>PowerPlex® Fusion</i>						
	4	13,17.3	22,24	11,12	16,17	12,16	8
		14,15	12,15	17,19	12,14	11,12	15
		13,14	28,31	17	X	8,14	23,26
		7,13	12		6,7	8,11	16

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 4 - STR Results

M8D8Z3	Identifiler®						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
MBDBWW	Identifiler® Plus						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
MJA9LK	Identifiler® Plus						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
MMAEZP	PowerPlex® Fusion						
	4	13,17,3	22,24	11,12	16,17	12,16	8
		14,15	12,15	17,19	12,14	11,12	15
		13,14	28,31	17	X	8,14	23,26
		7,13	12		6,7	8,11	16
MXA89G	Identifiler® Plus						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
					6,7	8,11	16
NCKUCJ	Identifiler®						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
					6,7	8,11	16
NDHHEE	Identifiler® Plus						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
					6,7	8,11	16
NLQ2QJ	Identifiler®						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
					6,7	8,11	16
NTQGGQ	Identifiler®						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
					6,7	8,11	16

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 4 - STR Results

NWACGX	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
NXL4EL	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
NYGQQP	<i>Identifiler® , PowerPlex® 16 HS</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
		7,13	12,12		6,7	8,11	16,16
PAUBL6	<i>PowerPlex® Fusion, GlobalFiler</i>						
	4	13,17.3	22,24	11,12	16,17	12,16	8
		14,15	12,15	17,19	12,14	11,12	15
		13,14	28,31	17	X	8,14	23,26
		7,13	12	16,17	6,7	8,11	16
PCW9WX	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
PDD6NX	<i>Identifiler®</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
PJKWR4	<i>Identifiler® , MiniFiler</i>						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
					6,7	8,11	16
PKU26R	<i>Identifiler® Plus, MiniFiler</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
PPKBEQ	<i>Identifiler®</i>						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
					6,7	8,11	16

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 4 - STR Results

PPPM3M	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
				6,7	8,11	16	
PXZWNW	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
				6,7	8,11	16,16	
PYVDZQ	<i>Identifiler®</i>						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
				6,7	8,11	16	
Q2V66A	<i>PowerPlex® Fusion</i>						
	4	13,17.3	22,24	11,12	16,17	12,16	8
		14,15	12,15	17,19	12,14	11,12	15
		13,14	28,31	17	X	8,14	23,26
		7,13	12		6,7	8,11	16
QANFF6	<i>PowerPlex® Fusion</i>						
	4	13,17.3	22,24	11,12	16,17	12,16	8
		14,15	12,15	17,19	12,14	11,12	15
		13,14	28,31	17	X	8,14	23,26
		7,13	12		6,7	8,11	16
QELRIG	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
				6,7	8,11	16	
QEMPUD	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
				6,7	8,11	16	
QFC3AA	<i>Identifiler® Plus</i>						
	4	-	22,24	-	16,17	12,16	8,8
		14,15	-	-	12,14	11,12	15,15
		13,14	28,31	-	X,X	8,14	23,26
		-	-	-	6,7	8,11	16,16
QL8TYU	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
				6,7	8,11	16	

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 4 - STR Results

QN9U2C	<i>Identifiler® Plus, Minifiler</i>						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
					6,7	8,11	16
QP6EMQ	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
QTZ34X	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
R37AHX	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
RFCDPD	<i>Identifiler® Plus</i>						
	4	NA	22,24	NA	16,17	12,16	8,8
		14,15	NA	NA	12,14	11,12	15,15
		13,14	28,31	NA	X,X	8,14	23,26
		NA	NA	NA	6,7	8,11	16,16
RFUAAZ	<i>PowerPlex® Fusion</i>						
	4	13,17.3	22,24	11,12	16,17	12,16	8
		14,15	12,15	17,19	12,14	11,12	15
		13,14	28,31	17	X	8,14	23,26
		7,13	12		6,7	8,11	16
RK6MRY	<i>Identifiler® Plus</i>						
	4	-	22,24	-	16,17	12,16	8
		14,15	-	-	12,14	11,12	15
		13,14	28,31	-	X,X	8,14	23,26
		-	-	-	6,7	8,11	16
RPYGQL	<i>Identifiler® Direct</i>						
	4	13,17.3	22,24	11,12	16,17	12,16	8,8
		14,15	12,15	17,19	12,14	11,12	15,15
		13,14	28,31	17,17	X,X	8,14	23,26
		7,13	12,12	16,17	6,7	8,11	16,16
RTHBRR	<i>COfiler® and Profiler Plus®</i>						
	4				16,17	12,16	8,8
		14,15			12,14		15,15
			28,31		X,X		23,26
							16,16

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 4 - STR Results

RTKYBR	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
				6,7	8,11	16,16	
RZ2WHB	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
				6,7	8,11	16	
T72B4C	<i>Identifiler® Plus</i>						
	4	N/A	22,24	N/A	16,17	12,16	8,8
		14,15	N/A	N/A	12,14	11,12	15,15
		13,14	28,31	N/A	X,X	8,14	23,26
		N/A	N/A	6,7	8,11	16,16	
T9NZFD	<i>Identifiler®</i>						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
				6,7	8,11	16	
TDMD33	<i>PowerPlex® Fusion</i>						
	4	13,17.3	22,24	11,12	16,17	12,16	8
		14,15	12,15	17,19	12,14	11,12	15
		13,14	28,31	17	X	8,14	23,26
		7,13	12	6,7	8,11	16	
TKMQ8C	<i>Identifiler® plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
				6,7	8,11	16,16	
TPCA3F	<i>Identifiler®</i>						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
				6,7	8,11	16	
TTE7WF	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
				6,7	8,11	16	
TZWJTU	<i>PowerPlex® 16</i>						
	4				16,17	12,16	8,8
		14,15			12,14	11,12	15,15
			28,31		X,X	8,14	23,26
		7,13	12,12	6,7	8,11	16,16	

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 4 - STR Results

U3VEP3	<i>Identifiler®</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
U8BP37	<i>Identifiler®</i>						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
					6,7	8,11	16
UBVRUC	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
UC97GK	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
UF8HDK	<i>Identifiler® Plus, MiniFiler</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
UJ49JW	<i>Identifiler®</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
UNEJA7	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
UP8FWE	<i>Identifiler®</i>						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
					6,7	8,11	16
UQ6G8C	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 4 - STR Results

UU6TJ4	<i>Identifiler®</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
UXZMG6	<i>Identifiler®</i>						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
					6,7	8,11	16
UZBKUM	<i>Identifiler®</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
V3B2Y4	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
V3CQ6L	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
V7ACU4	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
V7C22L	<i>Identifiler® Plus, MiniFiler</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
V7FGF8	<i>Identifiler® Plus, MiniFiler</i>						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
					6,7	8,11	16
VNUYLL	<i>Identifiler®</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16



TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 4 - STR Results

VUKD42	<i>Identifiler®</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
W2FWKM	<i>COfiler® and Profiler Plus®</i>						
	4				16,17	12,16	8,8
		14,15			12,14		15,15
			28,31		X,X		23,26
							16,16
W2HK4L	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
WFH4ZR	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
WGR9DF	<i>PowerPlex® 16 HS</i>						
	4				16,17	12,16	8,8
		14,15			12,14	11,12	15,15
			28,31		X,X	8,14	23,26
		7,13	12,12		6,7	8,11	16,16
WLKD4Y	<i>PowerPlex® Fusion</i>						
	4	13,17.3	22,24	11,12	16,17	12,16	8
		14,15	12,15	17,19	12,14	11,12	15
		13,14	28,31	17	X	8,14	23,26
		7,13	12		6,7	8,11	16
WXETTZ	<i>PowerPlex® FUSION</i>						
	4	13,17.3	22,24	11,12	16,17	12,16	8
		14,15	12,15	17,19	12,14	11,12	15
		13,14	28,31	17	X	8,14	23,26
		7,13	12		6,7	8,11	16
X2CPXL	<i>PowerPlex® PowerPlex 21</i>						
	4	13,17.3	22,24	-	16,17	12,16	8,8
		14,15	-	17,19	12,14	11,12	15,15
		13,14	28,31	-	X,X	8,14	23,26
		7,13	12,12	-	6,7	8,11	16,16
X7MMNT	<i>Identifiler® PLUS</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 4 - STR Results

XJAW9D	<i>PowerPlex® Fusion</i>							
	4	13,17.3	22,24	11,12	16,17	12,16	8	
		14,15	12,15	17,19	12,14	11,12	15	
		13,14	28,31	17	X	8,14	23,26	
		7,13	12		6,7	8,11	16	
XQVQLX	<i>PowerPlex® Fusion</i>							
	4	13,17.3	22,24	11,12	16,17	12,16	8	
		14,15	12,15	17,19	12,14	11,12	15	
		13,14	28,31	17	X	8,14	23,26	
		7,13	12		6,7	8,11	16	
XUU2HX	<i>PowerPlex® Fusion</i>							
	4	13,17.3	22,24	11,12	16,17	12,16	8	
		14,15	12,15	17,19	12,14	11,12	15	
		13,14	28,31	17	X	8,14	23,26	
		7,13	12		6,7	8,11	16	
XWZL8J	<i>Identifiler® Plus</i>							
	4		22,24		16,17	12,16	8,8	
		14,15			12,14	11,12	15,15	
		13,14	28,31		X,X	8,14	23,26	
					6,7	8,11	16,16	
XXW3HV	<i>Identifiler®</i>							
	4	N/A	22,24	N/A	16,17	12,16	8,8	
		14,15	N/A	N/A	12,14	11,12	15,15	
		13,14	28,31	N/A	X,X	8,14	23,26	
		N/A	N/A	N/A	6,7	8,11	16,16	
XY4GQL	<i>COfiler® and Profiler Plus® Profiler Plus</i>							
	4				16,17	12,16	8,8	
		14,15			12,14		15,15	
			28,31		X,X		23,26	
							16,16	
YG3UZM	<i>PowerPlex®</i>							
	4				16,17	12,16	8,8	
		14,15			12,14	11,12	15,15	
			28,31		X,X	8,14	23,26	
		7,13	12,12		6,7	8,11	16,16	
YGH9AH	<i>Identifiler®</i>							
	4		22,24		16,17	12,16	8,8	
		14,15			12,14	11,12	15,15	
		13,14	28,31		X,X	8,14	23,26	
					6,7	8,11	16,16	
YHYACK	<i>Identifiler® Plus</i>							
	4		22,24		16,17	12,16	8,8	
		14,15			12,14	11,12	15,15	
		13,14	28,31		X,X	8,14	23,26	
					6,7	8,11	16,16	

TABLE 1

WebCode	Item	D1S1656 D8S1179 D19S433 Penta D	D2S1338 D10S1248 D21S11 Penta E	D2S441 D12S391 D22S1045 SE33	D3S1358 D13S317 Amelogenin TH01	D5S818 D16S539 CSF1PO TPOX	D7S820 D18S51 FGA vWA
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## Item 4 - STR Results

YPCE66	<i>Identifiler® Identifiler Plus</i>						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
					6,7	8,11	16
YQ82FM	<i>PowerPlex® 16</i>						
	4				16,17	12,16	8,8
		14,15			12,14	11,12	15,15
			28,31		X,X	8,14	23,26
		7,13	12,12		6,7	8,11	16,16
YQ8W77	<i>Identifiler® plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
YVJPFJ	<i>Identifiler® Plus, Minifiler</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
Z24CL9	<i>Identifiler®</i>						
	4		22,24		16,17	12,16	8
		14,15			12,14	11,12	15
		13,14	28,31		X	8,14	23,26
					6,7	8,11	16
ZGFXT6	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
ZHCGU8	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
ZMNA4K	<i>Identifiler® Plus</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16
ZX6TNG	<i>Identifiler® Plus, MiniFiler</i>						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16

TABLE 1

WebCode	Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
		D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
		D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
		Penta D	Penta E	SE33	TH01	TPOX	vWA

## Item 4 - STR Results

ZZTHP9	Identifiler® Plus						
	4		22,24		16,17	12,16	8,8
		14,15			12,14	11,12	15,15
		13,14	28,31		X,X	8,14	23,26
					6,7	8,11	16,16

# YSTR Results

TABLE 2

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YIndel	

## Item 1 - YSTR Results

3G8KFT	Powerplex Fusion 1							NR	
3QX7LR	PowerPlex Fusion 1							NR	
6D2U96	PowerPlex® Y 23 1								
6RJPLF	Yfiler® 1								
6YMRNV	Yfiler® 1								
7PEGUB	Yfiler® 1								
7U32W6	Yfiler® 1	ND	ND	ND	ND	ND	ND	ND	ND
		ND	ND	ND	ND	ND	ND	-	-
		-	-	-	ND	-	ND	-	
8EAN4V	Yfiler® 1								
8FG9K4	Yfiler® 1	ND	ND	ND	ND	ND	ND	ND	ND
		ND	ND	ND	ND	ND	ND	-	-
		-	-	-	ND	-	ND	-	
B4EUBG	Yfiler® 1	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR		
					NR		NR		

TABLE 2

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YIndel	

Item 1 - YSTR Results

BTWAQK	PowerPlex Fusion, GlobalFiler 1							NR	
									NR
CPR2ZF	Yfiler® 1	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
					NR		NR		
CWRE4P	Yfiler® 1								
DEPYG4	Yfiler® 1								
DGVJ8P	Yfiler® 1								
E3QML2	Yfiler® 1								
EV8LXC	Yfiler® 1	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
GRKGLK	Yfiler® 1								
HEA7R3	Yfiler® 1								
JTQMVQ	PowerPlex® Y Y23 1								

TABLE 2

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YIndel		
<b>Item 1 - YSTR Results</b>										
K448Q7	Yfiler® 1	-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	
LKQ3LU	Yfiler® 1									
M8B8GUK	PowerPlex Fusion 1						NA			
PAUBL6	Yfiler® , GlobalFiler 1	NR	NR	NR	NR	NR	NR	NR	NR	
		NR	NR	NR	NR	NR	NR	NR	NR	
					NR		NR	NR		
PJKWR4	Yfiler® 1	NA	NA	NA	NA	NA	NA	NA	NA	
		NA	NA	NA	NA	NA	NA	NA	NA	
					NA		NA	NA		
QANFF6	PowerPlex Fusion 1						NR			
RFUAAZ	Yfiler® 1	NR	NR	NR	NR	NR	NR	NR	NR	
		NR	NR	NR	NR	NR	NR	NR	NR	
					NR		NR	NR		
RK6MRY	Yfiler® 1	-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	
TC86X9	Yfiler® 1									
TDMD33	PowerPlex Fusion 1						NR			

TABLE 2

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YIndel	

## Item 1 - YSTR Results

UXZMG6	Yfiler® 1	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR		
					NR		NR		

WLKD4Y	PowerPlex Fusion 1							NR	

XQVQLX	PowerPlex Fusion 1							NR	

XUU2HX	PowerPlex Fusion 1							NR	



TABLE 2

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YIndel	
<b>Item 2 - YSTR Results</b>									
287ZFL	Yfiler® 2	16	11,14	13	30	25	11	11	13
		14	11	10	20	17	17		
					23		12		
2BQH3D	Yfiler® 2	16	11,14	13	30	25	11	11	13
		14	11	10	20	17	17		
					23		12		
2H6C93	Yfiler® 2	16	11,14	13	30	25	11	11	13
		14	11	10	20	17	17		
					23		12		
2JJZCF	Yfiler® 2	16	11,14	13	30	25	11	11	13
		14	11	10	20	17	17		
					23		12		
2Q42RR	2						11		
32GKM9	Yfiler® 2	16	11,14	13	30	25	11	11	13
		14	11	10	20	17	17		
					23		12		
33QP3H	Yfiler® 2	16	11,14	13	30	25	11	11	13
		14	11	10	20	17	17		
					23		12		
3CWPHB	Yfiler® 2	16	11,14	13	30	25	11	11	13
		14	11	10	20	17	17		
					23		12		
3G8KFT	Yfiler® 2	16	11,14	13	30	25	11	11	13
		14	11	10	20	17	17		
					23		12		
3HJKDM	Yfiler® 2	16	11,14	13	30	25	11	11	13
		14	11	10	20	17	17		
					23		12		

TABLE 2

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YInDel		
<b>Item 2 - YSTR Results</b>										
3QX7LR	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
42E7XE	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17	not tested	not tested
			not tested	not tested	not tested	23	not tested	12	not tested	
696DR4		2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17	22	12
			12	20	20	23	10	12		
69QNQC	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
6AM42N	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
6D2U96	PowerPlex® Y 23	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17	22	12
			12	20	20	23	10	12		
6HHZ6E	PowerPlex® Y 23	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17	22	12
			12	20	20	23	10	12		
6LGGG9	PowerPlex® Y 23	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17	22	12
			12	20	20	23	10	12		
6RJPLF	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
6XAW7A	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		

TABLE 2

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YInDel		
<b>Item 2 - YSTR Results</b>										
6YMRNV	Yfiler® 2	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17			
					23		12			
7FQKVU	Yfiler® 2	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17			
					23		12			
7PA48E	Yfiler® 2	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17			
					23		12			
7PEGUB	Yfiler® 2	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17			
					23		12			
7U32W6	Yfiler® 2	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17	-	-	
		-	-	-	23	-	12	-	-	
7WPKX3	Yfiler® 2	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17			
					23		12			
866LWC	Yfiler® 2	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17			
					23		12			
886U2M	PowerPlex® Y 23 2	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17	22	12	
		12	20	20	23	10	12			
8EAN4V	Yfiler® 2	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17			
					23		12			
8FG9K4	Yfiler® 2	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17	-	-	
		-	-	-	23	-	12	-	-	

TABLE 2

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YInDel		
<b>Item 2 - YSTR Results</b>										
8WMD9F	PowerPlex® Y PowerPlex Y23	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17	22	12
			12	20	20	23	10	12		
9AUHY9	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
9MVEUF	PowerPlex® Y 23	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17	22	12
			12	20	20	23	10	12		
9NQWWG	PowerPlex® Y 23	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17	22	12
			12	20	20	23	10	12		
A4ZZ29	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
A99JZ2	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
B4EUBG	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
BEZXHG	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
BMNTHW	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
BQTGY8	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		

TABLE 2

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YInDel	

Item 2 - YSTR Results

BR2UEN	2						11		
								2	
BTWQK	<i>Yfiler® , GlobalFiler</i>								
	2	16	11,14	13	30	25	11	11	13
		14	11	10	20	17	17		
					23		12	2	
CBVPRB	<i>PowerPlex® Y 23</i>								
	2	16	11,14	13	30	25	11	11	13
		14	11	10	20	17	17	22	12
		12	20	20	23	10	12		
CPR2ZF	<i>Yfiler®</i>								
	2	16	11,14	13	30	25	11	11	13
		14	11	10	20	17	17		
					23		12		
CWRE4P	<i>Yfiler®</i>								
	2	16	11,14	13	30	25	11	11	13
		14	11	10	20	17	17		
					23		12		
DEPYG4	<i>Yfiler®</i>								
	2	16	11,14	13	30	25	11	11	13
		14	11	10	20	17	17		
					23		12		
DGVJ8P	<i>Yfiler®</i>								
	2	16	11,14	13	30	25	11	11	13
		14	11	10	20	17	17		
					23		12		
E3QML2	<i>Yfiler®</i>								
	2	16	11,14	13	30	25	11	11	13
		14	11	10	20	17	17		
					23		12		
E7RP8W	<i>PowerPlex® Y 23</i>								
	2	16	11,14	13	30	25	11	11	13
		14	11	10	20	17	17	22	12
		12	20	20	23	10	12		
EDBV44	<i>Yfiler®</i>								
	2	16	11,14	13	30	25	11	11	13
		14	11	10	20	17	17		
					23		12		

TABLE 2

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YInDel		
<b>Item 2 - YSTR Results</b>										
EV8LXC	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17	-	-
			-	-	-	23	-	12	-	-
F8XF8K	2							11		
										2
FBZDFR	PowerPlex Fusion	2						11		
FVKEBQ	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
FVMXH3	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
GBUL42	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
GBX6Q6	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
GRKGLK	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
GZC2J6	PowerPlex® Y 23	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17	22	12
			12	20	20	23	10	12		
H2M474	PowerPlex® Y 23	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17	22	12
			12	20	20	23	10	12		

TABLE 2

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YInDel		
<b>Item 2 - YSTR Results</b>										
H3JJH2	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
HEA7R3	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
HGKB7Q	PowerPlex® Y 23	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17	22	12
			12	20	20	23	10	12		
HQKZMR	2							11		
									2	
HWRA93	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
HX47JY	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
JTM473	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
JTQMVQ	PowerPlex® Y Y23	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17	22	12
			12	20	20	23	10	12		
K448Q7	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17	-	-
			-	-	-	23	-	12	-	
KW3VUA	PowerPlex® Y 23	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17	22	12
			12	20	20	23	10	12		

TABLE 2

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YInDel		
<b>Item 2 - YSTR Results</b>										
L43PAM	PowerPlex® Y 23	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17	22	12
			12	20	20	23	10	12		
LKQ3LU	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
LR6T7Z	PowerPlex® Y PPY23	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17	22	12
			12	20	20	23	10	12		
LT29HW	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
M8BGUK	PowerPlex Fusion	2						11		
MJA9LK	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
MLALXB	GlobalFiler Express	2						11		
									2	
MXA89G	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
NCKUCJ	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
NDHHEE	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		



TABLE 2

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YInDel		
<b>Item 2 - YSTR Results</b>										
NXL4EL	PowerPlex® Y 23	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17	22	12
			12	20	20	23	10	12		
PAUBL6	Yfiler®, GlobalFiler	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12	2	
PJKWR4	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
PKU26R	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
PXZWNU	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
Q2V66A	PowerPlex® Y 23	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17	22	12
			12	20	20	23	10	12		
QANFF6	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
QELRJG	PowerPlex® Y 23	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17	22	12
			12	20	20	23	10	12		
QL8TYU	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
QN9U2C	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		

TABLE 2

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YInDel		
<b>Item 2 - YSTR Results</b>										
QP6EMQ	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
R37AHX	PowerPlex® Y 23	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17	22	12
			12	20	20	23	10	12		
RFUAAZ	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
RK6MRY	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17	-	-
			-	-	-	23	-	12	-	-
RTKYBR	PowerPlex® Y 23	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17	22	12
			12	20	20	23	10	12		
RZ2WHB	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
T9NZFD	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
TC86X9	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
TDMD33	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
UC97GK	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		

TABLE 2

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YIndel	
<b>Item 2 - YSTR Results</b>									
UF8HDK	Yfiler® 2	16	11,14	13	30	25	11	11	13
		14	11	10	20	17	17		
					23		12		
UXZMG6	Yfiler® 2	16	11,14	13	30	25	11	11	13
		14	11	10	20	17	17		
					23		12		
V3CQ6L	Yfiler® 2	16	11,14	13	30	25	11	11	13
		14	11	10	20	17	17		
					23		12		
V3UW9H	PowerPlex® Y 2								
V7C22L	Yfiler® 2	16	11,14	13	30	25	11	11	13
		14	11	10	20	17	17		
					23		12		
W2HK4L	PowerPlex® Y 23 2	16	11,14	13	30	25	11	11	13
		14	11	10	20	17	17	22	12
		12	20	20	23	10	12		
WLKD4Y	Yfiler® 2	16	11,14	13	30	25	11	11	13
		14	11	10	20	17	17		
					23		12		
WXETTZ	PowerPlex® Y Y23 2	16	11,14	13	30	25	11	11	13
		14	11	10	20	17	17	22	12
		12	20	20	23	10	12		
XJAW9D	2						11		
XQVQLX	Yfiler® 2	16	11,14	13	30	25	11	11	13
		14	11	10	20	17	17		
					23		12		

TABLE 2

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YIndel		
<b>Item 2 - YSTR Results</b>										
XUU2HX	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
XWZL8J	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
YDJXDH	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
YG3UZM	PowerPlex® Y Y23	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17	22	12
			12	20	20	23	10	12		
YGH9AH	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
YHYACK	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
YQ82FM	PowerPlex® Y 23	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17	22	12
			12	20	20	23	10	12		
YVJPFJ	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
Z24CL9	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
ZHCGU8	Yfiler®	2	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		

TABLE 2

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YIndel	

## Item 2 - YSTR Results

ZMNA4K	Yfiler® 2	16	11,14	13	30	25	11	11	13
		14	11	10	20	17	17		
					23		12		
ZX6TNG	Yfiler® 2	16	11,14	13	30	25	11	11	13
		14	11	10	20	17	17		
					23		12		
ZZTHP9	PowerPlex® Y 23 2	16	11,14	13	30	25	11	11	13
		14	11	10	20	17	17	22	12
		12	20	20	23	10	12		

TABLE 2

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YIndel		
<b>Item 3 - YSTR Results</b>										
2BQH3D	Yfiler® 3	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17			
					23		12			
2H6C93	Yfiler® 3	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17			
					23		12			
2JJZCF	3	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17			
					23		12			
2Q42RR	3						11			
32GKM9	Yfiler® 3	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17			
					23		12			
33QP3H	Yfiler® 3	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17			
					23		12			
3CWPHB	Yfiler® 3	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17			
					23		12			
3G8KFT	Yfiler® 3	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17			
					23		12			
3HJKDM	Yfiler® 3	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17			
					23		12			
3QX7LR	Yfiler® 3	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17			
					23		12			

TABLE 2

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YIndel		
<b>Item 3 - YSTR Results</b>										
42E7XE	Yfiler® 3	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17	not tested	not tested	
		not tested	not tested	not tested	23	not tested	12	not tested		
696DR4	3	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17	22	12	
		12	20	20	23	10	12			
69QNQC	Yfiler® 3	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17			
					23		12			
6AM42N	Yfiler® 3	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17			
					23		12			
6D2U96	PowerPlex® Y 23 3	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17	22	12	
		12	20	20	23	10	22			
6LGGG9	PowerPlex® Y 23 3	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17	22	12	
		12	20	20	23	10	12			
6RJPLF	Yfiler® 3	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17			
					23		12			
6XAW7A	Yfiler® 3	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17			
					23		12			
7FQKVU	Yfiler® 3	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17			
					23		12			
7PA48E	Yfiler® 3	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17			
					23		12			

TABLE 2

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YInDel		
<b>Item 3 - YSTR Results</b>										
7PEGUB	Yfiler® 3	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17			
					23		12			
7U32W6	Yfiler® 3	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17	-	-	
		-	-	-	23	-	12	-	-	
7WPKX3	Yfiler® 3	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17			
					23		12			
866LWC	Yfiler® 3	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17			
					23		12			
886U2M	PowerPlex® Y 23 3	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17	22	12	
		12	20	20	23	10	12			
8FG9K4	Yfiler® 3	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17	-	-	
		-	-	-	23	-	12	-	-	
9AUHY9	Yfiler® 3	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17			
					23		12			
9MVEUF	PowerPlex® Y 23 3	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17	22	12	
		12	20	20	23	10	12			
9NQWWG	PowerPlex® Y 23 3	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17	22	12	
		12	20	20	23	10	12			
A99JZ2	Yfiler® 3	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17			
					23		12			



TABLE 2

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YInDel		
<b>Item 3 - YSTR Results</b>										
BEZXHG	Yfiler®	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
BMNTHW	Yfiler®	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
BQTYG8	Yfiler®	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
BTWAQK	Yfiler® , GlobalFiler	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12	2	
DEPYG4	Yfiler®	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
E3QML2	Yfiler®	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
E7RP8W	PowerPlex® Y 23	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17	22	12
			12	20	20	23	10	12		
EDBV44	Yfiler®	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
EV8LXC	Yfiler®	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17	-	-
			-	-	-	23	-	12	-	
FBZDFR	PowerPlex Fusion	3						11		

TABLE 2

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YInDel		
<b>Item 3 - YSTR Results</b>										
FVKEBQ	Yfiler®	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
GBUL42	Yfiler®	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
GBX6Q6	Yfiler®	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
GRKGLK	Yfiler®	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
GZC2J6	PowerPlex® Y 23	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17	22	12
			12	20	20	23	10	12		
H2M474	PowerPlex® Y 23	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17	22	12
			12	20	20	23	10	12		
H3JJH2	Yfiler®	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
HEA7R3	Yfiler®	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
HGKB7Q	PowerPlex® Y 23	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17	22	12
			12	20	20	23	10	12		
HQBZMR	3							11		
									2	

TABLE 2

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YInDel		
<b>Item 3 - YSTR Results</b>										
HWRA93	Yfiler® 3	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17			
					23		12			
HX47JY	Yfiler® 3	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17			
					23		12			
JTM473	Yfiler® 3	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17			
					23		12			
JTQMVQ	PowerPlex® Y Y23 3	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17	22	12	
		12	20	20	23	10	12			
K448Q7	Yfiler® 3	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17	-	-	
		-	-	-	23	-	12	-	-	
KW3VUA	PowerPlex® Y 23 3	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17	22	12	
		12	20	20	23	10	12			
L43PAM	PowerPlex® Y 23 3	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17	22	12	
		12	20	20	23	10	12			
LKQ3LU	Yfiler® 3	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17			
					23		12			
LR6T7Z	PowerPlex® Y PPY23 3	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17	22	12	
		12	20	20	23	10	12			
LT29HW	Yfiler® 3	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17			
					23		12			

TABLE 2

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YIndel	

## Item 3 - YSTR Results

M8BGUK	PowerPlex Fusion 3							11	
MJA9LK	Yfiler® 3	16 14	11,14 11	13 10	30 20 23	25 17	11 17 12	11	13
MXA89G	Yfiler® 3	16 14	11,14 11	13 10	30 20 23	25 17	11 17 12	11	13
NCKUCJ	Yfiler® 3	16 14	11,14 11	13 10	30 20 23	25 17	11 17 12	11	13
NDHHEE	Yfiler® 3	16 14	11,14 11	13 10	30 20 23	25 17	11 17 12	11	13
NXL4EL	PowerPlex® Y 23 3	16 14 12	11,14 11 20	13 10 20	30 20 23	25 17 10	11 17 12	11 22	13 12
PAUBL6	Yfiler® , GlobalFiler 3	16 14	11,14 11	13 10	30 20 23	25 17	11 17 12	11	13 2
PJKWR4	Yfiler® 3	16 14	11,14 11	13 10	30 20 23	25 17	11 17 12	11	13
PKU26R	Yfiler® 3	16 14	11,14 11	13 10	30 20 23	25 17	11 17 12	11	13
PXZWNU	Yfiler® 3	16 14	11,14 11	13 10	30 20 23	25 17	11 17 12	11	13

TABLE 2

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YInDel	

## Item 3 - YSTR Results

Q2V66A	PowerPlex® Y 23	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17	22	12
			12	20	20	23	10	12		
QANFF6	Yfiler®	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
QELRJG	PowerPlex® Y 23	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17	22	12
			12	20	20	23	10	12		
QL8TYU	Yfiler®	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
QN9U2C	Yfiler®	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
QP6EMQ	Yfiler®	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
R37AHX	PowerPlex® Y 23	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17	22	12
			12	20	20	23	10	12		
RFUAAZ	Yfiler®	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
RK6MRY	Yfiler®	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17	-	-
			-	-	-	23	-	12	-	-
RTKYBR	PowerPlex® Y 23	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17	22	12
			12	20	20	23	10	12		

TABLE 2

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YIndel		
<b>Item 3 - YSTR Results</b>										
RZ2WHB	Yfiler®	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
T9NZFD	Yfiler®	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
TDMD33	Yfiler®	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
UC97GK	Yfiler®	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
UF8HDK	Yfiler®	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
UXZMG6	Yfiler®	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
V3CQ6L	Yfiler®	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
V7C22L	Yfiler®	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
W2HK4L	PowerPlex® Y 23	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17	22	12
			12	20	20	23	10	12		
WLKD4Y	Yfiler®	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		

TABLE 2

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YInDel	

## Item 3 - YSTR Results

WXETTZ	PowerPlex® Y Y23	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17	22	12
			12	20	20	23	10	12		
XJAW9D	3							11		
XQVQLX	Yfiler®	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
XUU2HX	Yfiler®	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
XWZL8J	Yfiler®	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
YG3UZM	PowerPlex® Y Y23	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17	22	12
			12	20	20	23	10	12		
YHYACK	Yfiler®	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
YQ82FM	PowerPlex® Y Y23	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17	22	12
			12	20	20	23	10	12		
YVJPFJ	Yfiler®	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
Z24CL9	Yfiler®	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		

TABLE 2

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YIndel		
<b>Item 3 - YSTR Results</b>										
ZHCGU8	Yfiler®	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
ZMNA4K	Yfiler®	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
ZX6TNG	Yfiler®	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17		
						23		12		
ZZTHP9	PowerPlex® Y 23	3	16	11,14	13	30	25	11	11	13
			14	11	10	20	17	17	22	12
			12	20	20	23	10	12		



TABLE 2

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YIndel		
<b>Item 4 - YSTR Results</b>										
3G8KFT	Yfiler® 4	NR	NR	NR	NR	NR	NR	NR	NR	
		NR	NR	NR	NR	NR	NR	NR	NR	
					NR		NR			
3HJKDM	Yfiler® 4									
3QX7LR	Yfiler® 4	NR	NR	NR	NR	NR	NR	NR	NR	
		NR	NR	NR	NR	NR	NR	NR	NR	
					NR		NR			
6HHZ6E	PowerPlex® Y 23 4	16	11,14	13	30	25	11	11	13	
		14	11	10	20	17	17	22	12	
		12	20	20	23	10	12			
6RJPLF	Yfiler® 4									
7PEGUB	Yfiler® 4									
7U32W6	Yfiler® 4	ND	ND	ND	ND	ND	ND	ND	ND	
		ND	ND	ND	ND	ND	ND	-	-	
		-	-	-	ND	-	ND	-	-	
8FG9K4	Yfiler® 4	ND	ND	ND	ND	ND	ND	ND	ND	
		ND	ND	ND	ND	ND	ND	-	-	
		-	-	-	ND	-	ND	-	-	
9MVEUF	PowerPlex® Y 23 4	NR	NR	NR	NR	NR	NR	NR	NR	
		NR	NR	NR	NR	NR	NR	NR	NR	
		NR	NR	NR	NR	NR	NR	NR	NR	
9NQWWG	PowerPlex® Y 23 4	NR	NR	NR	NR	NR	NR	NR	NR	
		NR	NR	NR	NR	NR	NR	NR	NR	
		NR	NR	NR	NR	NR	NR	NR	NR	

TABLE 2

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533	
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YIndel		
<b>Item 4 - YSTR Results</b>										
BTWAQK	Yfiler® , GlobalFiler 4	NR	NR	NR	NR	NR	NR	NR	NR	
		NR	NR	NR	NR	NR	NR	NR	NR	
					NR		NR	NR		
DEPYG4	Yfiler® 4									
E3QML2	Yfiler® 4									
EV8LXC	Yfiler® 4	-	-	-	-	-	-	-	-	
GBX6Q6	Yfiler® 4	No Results	No Results	No Results	No Results	No Results	No Results	No Results	No Results	
GZC2J6	PowerPlex® Y 23 4	No Results	No Results	No Results	No Results	No Results	No Results	No Results	No Results	
H2M474	PowerPlex® Y 23 4	No Results	No Results	No Results	No Results	No Results	No Results	No Results	No Results	
HEA7R3	Yfiler® 4									
JTQMVQ	PowerPlex® Y Y23 4									
K448Q7	Yfiler® 4	-	-	-	-	-	-	-	-	

TABLE 2

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YInDel	

Item 4 - YSTR Results

LKQ3LU	Yfiler® 4								
LR6T7Z	PowerPlex® Y PPY23 4	No Results	No Results	No Results	No Results	No Results	No Results	No Results	No Results
		No Results	No Results	No Results	No Results	No Results	No Results	No Results	No Results
		No Results	No Results	No Results	No Results	No Results	No Results	No Results	No Results
M8BGUK	PowerPlex Fusion 4						NA		
NDHHEE	Yfiler® 4								
PAUBL6	Yfiler® , GlobalFiler 4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
PJKWR4	Yfiler® 4	NA	NA	NA	NA	NA	NA	NA	NA
		NA	NA	NA	NA	NA	NA	NA	NA
QANFF6	Yfiler® 4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
QL8TYU	Yfiler® 4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
QN9U2C	Yfiler® 4								
R37AHX	PowerPlex® Y 23 4	No Results	No Results	No Results	No Results	No Results	No Results	No Results	No Results
		No Results	No Results	No Results	No Results	No Results	No Results	No Results	No Results
		No Results	No Results	No Results	No Results	No Results	No Results	No Results	No Results

TABLE 2

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YIndel	
<b>Item 4 - YSTR Results</b>									
RFUAAZ	Yfiler® 4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
					NR		NR		
RK6MRY	Yfiler® 4	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
RZ2WHB	Yfiler® 4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
					NR		NR		
TDMD33	Yfiler® 4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
					NR		NR		
UXZMG6	Yfiler® 4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
					NR		NR		
WLKD4Y	Yfiler® 4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
					NR		NR		
XQVQLX	Yfiler® 4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
					NR		NR		
XUU2HX	Yfiler® 4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
					NR		NR		
YG3UZM	PowerPlex® Y Y23 4	No Results	No Results	No Results	No Results	No Results	No Results	No Results	No Results
		No Results	No Results	No Results	No Results	No Results	No Results	No Results	No Results
		No Results	No Results	No Results	No Results	No Results	No Results	No Results	No Results
YPCE66	PowerPlex® Y 4								

TABLE 2

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
		DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	YIndel	

## Item 4 - YSTR Results

YQ82FM	PowerPlex® Y 23								
	4	No Results	No Results	No Results	No Results	No Results	No Results	No Results	No Results
		No Results	No Results	No Results	No Results	No Results	No Results	No Results	No Results
		No Results	No Results	No Results	No Results	No Results	No Results		
ZX6TNG	Yfiler®								
	4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR		
					NR		NR		

# Additional DNA Results

TABLE 3

Locus	WebCode	Item 1	Item 2	Item 3	Item 4
D6	X2CPXL	12,14	12,17	12,17	13,17
D6S1043	6RM8KE	12,14	12,17	12,17	13,17
DYS391	3G8KFT		11	11	NR
	3QX7LR		11	11	NR
	7U32W6	ND	11,11	11,11	ND
	8FG9K4	ND	11,11	11,11	ND
	B4EUBG	NR	11		
	BTWAQK		11	11	NR
	CPR2ZF	NR	11		
	GBX6Q6	No Results	11		
	MMAEZP		11	11	
	PAUBL6	NR	11	11	NR
	QANFF6		11	11	NR
	RFUAAZ	NR	11	11	NR
	TDMD33		11	11	NR
	WLKD4Y		11	11	NR
	XQVQLX		11	11	NR
XUU2HX		11	11	NR	
DYS391 (GF)	A99JZ2		11	11	
F13A01	RPYGQL	6,7	6,15	6,15	5,5
F13B	RPYGQL	6,10	6,8	6,8	9,9
FESFPS	RPYGQL	10,12	10,11	10,11	8,10
LPL	RPYGQL	11,12	11,12	11,12	11,12
PENTAC	RPYGQL	11,11	11,12	11,12	11,12
YINDEL	A99JZ2		2	2	

## DNA Interpretations

*Based on results obtained from DNA analysis, could the Victim (Item 1) and/or the Suspect (Item 2) be a contributor to the questioned stains (Items 3 & 4)?*

TABLE 4

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
287ZFL	No Interpretations Reported, DNA Analyzed for Database purposes only.				4TXUF8	No	No	Yes	No
28TY3Z	No	No	Yes	No	696DR4	No	No	Yes	No
2BQH3D	No	No	Yes	No	69QNQC	No	No	Yes	No
2H6C93	No	No	Yes	No	6AM42N	No	No	Yes	No
2JJZCF	No	No	Yes	No	6D2U96	No	No	Yes	No
2Q42RR	No	No	Yes	No	6EWGHM	No	No	Yes	No
2YFB27	No	No	Yes	No	6HHZ6E	No	No	No	Yes
2ZP6ZR	No	No	Yes	No	6LGGG9	No	No	Yes	No
32GKM9	No	No	Yes	No	6PHGH6	No Interpretations Reported, DNA Analyzed for Database purposes only.			
33QP3H	No	No	Yes	No	6RJPLF	No	No	Yes	No
3CWPHB	No	No	Yes	No	6RM8KE	No	No	Yes	No
3G8KFT	No	No	Yes	No	6XAW7A	No	No	Yes	No
3HJKDM	No	No	Yes	No	6YMRNV	No Interpretations Reported, DNA Analyzed for Database purposes only.			
3N86F4	No	No	Yes	No	767EW6	No	No	Yes	No
3QX7LR	No	No	Yes	No	76Z29A	No	No	Yes	No
42E7XE	No	No	Yes	No	77F732	No	No	Yes	No
4APM8Z	No	No	Yes	No	7FQKVU	No	No	Yes	No
4DLDDC	No Interpretations Reported, DNA Analyzed for Database purposes only.				7K3D49	No Interpretations Reported, DNA Analyzed for Database purposes only.			
4MTXUL	No	No	Yes	No	7PA48E	No	No	Yes	No

TABLE 4

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
7PEGUB	No Interpretations Reported, DNA Analyzed for Database purposes only.				9VT2R8	No Interpretations Reported, DNA Analyzed for Database purposes only.			
7U32W6	No	No	Yes	No	A39YZQ	No	No	Yes	No
7WPKX3	No	No	Yes	No	A4ZZ29	No Interpretations Reported, DNA Analyzed for Database purposes only.			
866LWC	No	No	Yes	No	A8KR96	No Interpretations Reported, DNA Analyzed for Database purposes only.			
886U2M	No	No	Yes	No	A99JZ2	No	No	Yes	No
8EAN4V	No Interpretations Reported, DNA Analyzed for Database purposes only.				A9CT92	No Interpretations Reported, DNA Analyzed for Database purposes only.			
8FG9K4	No	No	Yes	No	AHJLL2	No Interpretations Reported, DNA Analyzed for Database purposes only.			
8J2VL4	No	No	Yes	No	ALG3XV	No	No	Yes	No
8KXCXZ	No	No	Yes	No	AR7RCE	No Interpretations Reported, DNA Analyzed for Database purposes only.			
8L6NF3	No	No	Yes	No	AUAFVA	No	No	Yes	No
8MYLJ3	No Interpretations Reported, DNA Analyzed for Database purposes only.				B4EUBG	No Interpretations Reported, DNA Analyzed for Database purposes only.			
8RTH9T	No	No	Yes	No	BEZXHG	No	No	Yes	No
8WMD9F	No Interpretations Reported, DNA Analyzed for Database purposes only.				BLGNQU	No	No	Yes	No
9AUHY9	No	No	Yes	No	BMNTHW	No	No	Yes	No
9C2VL2	No	No	Yes	No	BQTTY8	No	No	Yes	No
9D6TPG	No	No	Yes	No	BR2UEN	No Interpretations Reported, DNA Analyzed for Database purposes only.			
9DA944	No	No	Yes	No	BTWAQK	No	No	Yes	No
9MVEUF	No	No	Yes	No	C74DXZ	No	No	Yes	No
9NQWWG	No	No	Yes	No	C9MPCW	No	No	Yes	No
9VDHAV	No	No	Yes	No	CAH8EX	No	No	Yes	No



TABLE 4

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
CBVPRB	No Interpretations Reported, DNA Analyzed for Database purposes only.				F8XF8K	No Interpretations Reported, DNA Analyzed for Database purposes only.			
CCK9EU	No	No	Yes	No	FBZDFR	No	No	Yes	No
CERBGT	No	No	Yes	No	FHFA8K	No	No	Yes	No
CF3FUG	No	No	Yes	No	FVKEBQ	No	No	Yes	No
CNLET3	No Interpretations Reported, DNA Analyzed for Database purposes only.				FVMXH3	No Interpretations Reported, DNA Analyzed for Database purposes only.			
CPR2ZF	No Interpretations Reported, DNA Analyzed for Database purposes only.				FWWAVX	No Interpretations Reported, DNA Analyzed for Database purposes only.			
CWRE4P	No Interpretations Reported, DNA Analyzed for Database purposes only.				GBBUW3	No	No	Yes	No
CWTFM3	No Interpretations Reported, DNA Analyzed for Database purposes only.				GBUL42	No	No	Yes	No
CZBDJ6	No	No	Yes	No	GBX6Q6	No	No	Yes	No
D442AB	No Interpretations Reported, DNA Analyzed for Database purposes only.				GLRJPF	No Interpretations Reported, DNA Analyzed for Database purposes only.			
D6YKBC	No	No	Yes	No	GRKGLK	No	No	Yes	No
DEPYG4	No Interpretations Reported, DNA Analyzed for Database purposes only.				GV4HJR	No	No	Yes	No
DGVJ8P	No Interpretations Reported, DNA Analyzed for Database purposes only.				GWEK6Q	No	No	Yes	No
DX3HD8	No	No	Yes	No	GZC2J6	No	No	Yes	No
E3QML2	No Interpretations Reported, DNA Analyzed for Database purposes only.				H2M474	No	No	Yes	No
E7RP8W	No	No	Yes	No	H3JJH2	No	No	Yes	No
E9Y3VP	No	No	Yes	No	HEA7R3	No	No	Yes	No
EDBV44	No	No	Yes	No	HGKB7Q	No	No	Yes	No
EV8LXC	No	No	Yes	No	HPVGZ9	No	No	Yes	No
EXG9VQ	No	No	Yes	No	HQKZMR	No	No	Yes	No

TABLE 4

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
HRFGYP	No	No	Yes	No	LKQ3LU	No Interpretations Reported, DNA Analyzed for Database purposes only.			
HWRA93	No	No	Yes	No	LN7D2J	No	No	Yes	No
HX47JY	No	No	Yes	No	LR6T7Z	No	No	Yes	No
J2H79D	No	No	Yes	No	LT29HW	No	No	Yes	No
J9HFMJ	No Interpretations Reported, DNA Analyzed for Database purposes only.				M2MUYE	No	No	Yes	No
JCZM36	No	No	Yes	No	M8BGUK	No	No	Yes	No
JFY2NA	No	No	Yes	No	M8D8Z3	No	No	Yes	No
JMMNHF	No	No	Yes	No	MBDBWW	No	No	Yes	No
JRBLTN	No	No	Yes	No	MJA9LK	No	No	Yes	No
JRFL87	No	No	Yes	No	MLALXB	No Interpretations Reported, DNA Analyzed for Database purposes only.			
JTM473	No	No	Yes	No	MMAEZP	No	No	Yes	No
JTQMVQ	No	No	Yes	No	MXA89G	No	No	Yes	No
JUZWJG	No	No	Yes	No	NCKUCJ	No	No	Yes	No
K448Q7	No	No	Yes	No	NDHHEE	No	No	Yes	No
K88X2R	No	No	Yes	No	NLQ2QJ	No	No	Yes	No
KJZK8M	No	No	Yes	No	NTQGGQ	No	No	Yes	No
KTMHXT	No Interpretations Reported, DNA Analyzed for Database purposes only.				NWACGX	No	No	Yes	No
KW3VUA	No	No	Yes	No	NXL4EL	No	No	Yes	No
L43PAM	No	No	Yes	No	NYGQQP	No	No	Yes	No
LBJ73W	No Interpretations Reported, DNA Analyzed for Database purposes only.				P3TYP9	No Interpretations Reported, DNA Analyzed for Database purposes only.			

TABLE 4

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
PAUBL6	No	No	Yes	No	R37AHX	No	No	Yes	No
PCW9WX	No	No	Yes	No	RFCDPD	No	No	Yes	No
PDD6NX	No	No	Yes	No	RFUAAZ	No	No	Yes	No
PJKWR4	No	No	Yes	No	RK6MRY	No	No	Yes	No
PKU26R	No	No	Yes	No	RPYGQL	No	No	Yes	No
PPKBEQ	No	No	Yes	No	RTHBRR	No	No	Yes	No
PPPM3M	No	No	Yes	No	RTKYBR	No	No	Yes	No
PU39BT	No Interpretations Reported, DNA Analyzed for Database purposes only.				RZ2WHB	No	No	Yes	No
PXZUYP	No Interpretations Reported, DNA Analyzed for Database purposes only.				T72B4C	No	No	Yes	No
PXZWNU	No	No	Yes	No	T9NZFD	No	No	Yes	No
PYVDZQ	No	No	Yes	No	TC86X9	No Interpretations Reported, DNA Analyzed for Database purposes only.			
Q2V66A	No	No	Yes	No	TDMD33	No	No	Yes	No
QANFF6	No	No	Yes	No	TF8FU9	No Interpretations Reported, DNA Analyzed for Database purposes only.			
QELRJG	No	No	Yes	No	TKMQ8C	No	No	Yes	No
QEMPUD	No	No	Yes	No	TPCA3F	No	No	Yes	No
QFC3AA	No	No	Yes	No	TTE7WF	No	No	Yes	No
QL8TYU	No	No	Yes	No	TUAPXH	No Interpretations Reported, DNA Analyzed for Database purposes only.			
QN9U2C	No	No	Yes	No	TZWJTU	No	No	Yes	No
QP6EMQ	No	No	Yes	No	U3VEP3	No	No	Yes	No
QTZ34X	No	No	Yes	No	U4QXQ4	No Interpretations Reported, DNA Analyzed for Database purposes only.			

TABLE 4

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
U8BP37	No	No	Yes	No	W2HK4L	No	No	Yes	No
UBVRUC	No	No	Yes	No	WFH4ZR	No	No	Yes	No
UC97GK	No	No	Yes	No	WGR9DF	No	No	Yes	No
UF8HDK	No	No	Yes	No	WLKD4Y	No	No	Yes	No
UJ49JW	No	No	Yes	No	WXETTZ	No	No	Yes	No
UNEJA7	No	No	Yes	No	X2CPXL	No	No	Yes	No
UP8FWE	No	No	Yes	No	X7MMNT	No	No	Yes	No
UQ6G8C	No	No	Yes	No	X82AYF	No Interpretations Reported, DNA Analyzed for Database purposes only.			
UU6TJ4	No	No	Yes	No	XJAW9D	No	No	Yes	No
UXZMG6	No	No	Yes	No	XQVQLX	No	No	Yes	No
UZBKUM	No	No	Yes	No	XUU2HX	No	No	Yes	No
V3B2Y4	No	No	Yes	No	XWZL8J	No	No	Yes	No
V3CQ6L	No	No	Yes	No	XXW3HV	No	No	Yes	No
V3UW9H	No Interpretations Reported, DNA Analyzed for Database purposes only.				XY4GQL	No	No	Yes	No
V7ACU4	No	No	Yes	No	YDJXDH	No Interpretations Reported, DNA Analyzed for Database purposes only.			
V7C22L	No	No	Yes	No	YG3UZM	No	No	Yes	No
V7FGF8	No	No	Yes	No	YGH9AH	No	No	Yes	No
VNUYLL	No Interpretations Reported, DNA Analyzed for Database purposes only.				YHYACK	No	No	Yes	No
VUKD42	No	No	Yes	No	YLYL7Y	No Interpretations Reported, DNA Analyzed for Database purposes only.			
W2FWKM	No	No	Yes	No	YPCE66	No	No	Yes	No

TABLE 4

WebCode	Victim (Item 1)		Suspect (Item 2)		WebCode	Victim (Item 1)		Suspect (Item 2)	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
YQ82FM	No	No	Yes	No					
YQ8W77	No	No	Yes	No					
YVJPFJ	No	No	Yes	No					
Z24CL9	No	No	Yes	No					
ZGFXT6	No	No	Yes	No					
ZHCGU8	No	No	Yes	No					
ZMNA4K	No	No	Yes	No					
ZX6TNG	No	No	Yes	No					
ZZTHP9	No	No	Yes	No					

**Response Summary**

**Participants reporting DNA results: 247**

*Based on results obtained from DNA analysis, could the Victim (Item 1) and/or the Suspect (Item 2) be a contributor to the questioned stains (Items 3 & 4)?*

Responses	Victim (Item 1)		Suspect (Item 2)	
	Item 3	Item 4	Item 3	Item 4
Yes	<b>0</b>	<b>0</b>	<b>199</b>	<b>1</b>
No	<b>200</b>	<b>200</b>	<b>1</b>	<b>199</b>
Inc	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Participants not reporting Interpretation results: 47**

# Additional Comments

TABLE 5

WebCode	Additional Comments
3G8KFT	NR indicates no results. DNA Analysis-Additional DNA results in locus DYS391 are from PowerPlex Fusion results.
3QX7LR	NR = No Results. Data for locus DYS391 on Additional DNA page produced using the PowerPlex Fusion kit.
696DR4	There is 9.42E24 times more support for genetic results if the suspect was the contributor to the item 3 than if an untested random man was considered.
6RM8KE	Item 3: Tested Hemastix and Hematrace POSITIVE - Human blood was detected. Suspect could not be excluded as a contributor to the DNA profile obtained from the bloodstain on item 3. Item 4: Tested Hemastix and Hematrace POSITIVE - Human blood was detected. An unknown female DNA profile was obtained from the bloodstain on item 4.
886U2M	1. It is noted that the genetic profile recovered from the blood in the victim's shirt (Item 3) is fully consistent with the suspect's profile (Item 2) for all the autosomic and Y chromosome[sic] STRs analyzed. Therefore the suspect (Item 2) is not excluded as the source of the blood sample detected in the victim's shirt (item 3). 2. An unknown female is not excluded as the source of the blood sample in the suspect's shirt (Item 4). 3. The victim (Item 1) and the suspect (Item 2) are excluded as the source of the blood sample in the suspect's shirt (Item 4).
9MVEUF	NR = No Results
9NQWWG	NR = No Results
B4EUBG	NR = No Results. Data for locus DYS391 on "DNA Analysis - Additional DNA" page produced using the PowerPlex Fusion kit.
BEZXHG	1) In-situ extraction method was used to extract DNA from Item 1 and Item 2. 2) Chelex extraction method was used to extract DNA from Item 3 and 4. 3) DNA quantitation was carried out using the Quantifiler Human DNA Quantification Kit with Applied Biosystems Real Time Polymerase Chain Reaction (PCR) 7500 System. 4) Amplification of STR (Short Tandem Repeat) Genetic Loci was carried out using the AmpFISTR Identifiler Plus and Direct PCR Amplification Kit. 5) Amplification of Y-STR (Short Tandem Repeat) Genetic Loci was carried out using the AmpFISTR Y-Filer PCR Amplification Kit. 6) Capillary electrophoresis was carried out using the Applied Biosystems 3130xl Genetic Analyzers with GeneMapper ID Software. 7) Reagent blank, positive control and negative control were carried out throughout the analysis.
BLGNQU	MiniFiler results concordant with Identifiler Plus results.
BR2UEN	Samples 3 and 4 were not analyzed. 15-089E, 15-585, EXP-150926-01. PTS000035 is Sample 1. PTS000036 is Sample 2.
BTWAQK	1) NR: No Results. 2) All results were obtained from PowerPlex Fusion except the ones of SE33 and Yindel, which were obtained from GlobalFiler. 3)The results of DYS391 on the Additional Data Sheet were obtained from PowerPlex Fusion.
CPR2ZF	NR = NO RESULTS. ADDITIONAL DNA RESULTS IN DYS391 DEVELOPED WITH POWERPLEX FUSION.
E7RP8W	1.The complete DNA profile was obtained from question blood stained from victim's shirt (grey fabric) (item 3). The positive resulted was detected for blood screening test. This DNA profile match with know blood from suspect (item 2), the Posterior Probability is approximately over 99.99999999%. 2. The complete male DNA profile was obtained from question blood stained from victim's shirt (grey fabric) (item 3) which match with male DNA profile from know blood from suspect (item 2).
EV8LXC	1. Item 1 and Item 2 were extracted using in-situ method and amplified using Identifiler Direct in the 9700 thermal cyclcer. 2. Item 3 and Item 4 were extracted using chelex extraction[sic] method and quantified using Quantifiler Human DNA quantitation kit and carried out by 7500 Real Time PCR. Amplification was

TABLE 5

WebCode	Additional Comments
	done using AmpFISTR Identifiler Plus Kit. 3. Item 1, Item 2, Item 3 and Item 4 were amplified using Yfiler Kit in the 9700 thermal cycler. 4. All electrophoresis process were carried out by Genetic Analyzer 3130xl. 5. Reagent blank, positive control and negative control were carried out along with the analysis and all gave the intended results.
FBZDFR	Item 3: D22S1045, no amplification. Item 4: TPOX and D12S391, Low peak height ratio.
GBX6Q6	PowerPlex Fusion contains the DYS391 locus. Results from this locus were recorded in the Additional DNA section.
GLRJPF	Database laboratory; therefore only Items 1 and 2 were examined.
GZC2J6	No Y-STR profile was obtained from Item 4. The Y-STR results for this item are not suitable for comparison.
K448Q7	Item 1 and Item 2 were extracted using in-situ method and amplified using AmpFISTR Identifiler Direct and Yfiler PCR Kit. Item 3 and Item 4 were extracted using Chelex extraction method. Item 3 and Item 4 were quantified using Quantifiler Human DNA Quantification Kit from Applied Biosystem and carried out by 7500 Real Time PCR System, then amplified using AmpFISTR Identifiler Plus and Yfiler PCR Kit. The electrophoresis for Item 1, Item 2, Item 3 and Item 4 were carried out on Genetic Analyzer 3130xl. Reagent Blank, Positive Control and Negative Control carried out along with the analysis.
M8BGUK	NA indicates no amplification
P3TYP9	Database laboratory; therefore only Items 1 and 2 were examined.
PAUBL6	NR- no results. SE33 and Y Indel results were developed from GlobalFiler. All other STR loci results were developed from PowerPlex Fusion. Data for locus DYS391 on the Additional DNA page were produced using PowerPlex Fusion.
QANFF6	NR=No Results. Data for locus DYS391 on Additional DNA page produced using the PowerPlex Fusion kit.
RFUAAZ	NR = No results. Results for DYS391 from the DNA Analysis - Additional DNA section were generated using the PowerPlex Fusion kit.
RK6MRY	1. Item 1 and Item 2 were extracted using in-situ method and amplified using Identifiler Direct in the 9700 thermal cycler. 2. Item 3 and Item 4 were extracted using chelex extraction method and quantified using Quantifiler Human DNA quantitation kit and carried out by 7500 Real Time PCR. Amplification was done using AmpFISTR Identifiler Plus Kit. 3. Item 1, Item 2, Item 3 and Item 4 were amplified using Yfiler Kit in the 9700 Thermal Cyler[sic]. 4. All electrophoresis process were carried out by Genetic Analyzer 3130xl. 5. Reagent blank, positive control and negative control were carried out along with the analysis and all gave the intended results.
T72B4C	In Part 1 [Table 1: STR Results], "N/A" is marked for loci not included in the Identifiler Plus kit.
TDMD33	NR = No Results. Data for locus DYS391 on Additional DNA page produced using the PowerPlex Fusion kit.
U4QXQ4	Database laboratory; therefore only Items 1 and 2 were examined.
UXZMG6	NR = no results
V3UW9H	Item 2 - results were not reported for D3, D13 and Amelo. Per our SOP data below 600 RFU is not reported. Data was obtained for the 3 locations mentioned however that data was below 600 RFU and therefore not reported.
W2FWKM	Profile from Item 4 (suspect's shirt) is Female. This profile does not match the victim's profile (Item 1).
WLKD4Y	NR = No Result. Data for locus DYS391 on Additional DNA page produced using the PowerPlex Fusion kit.

TABLE 5

WebCode	Additional Comments
XQVQLX	NR=no results. Data for locus DYS391 on Additional DNA page produced using the PowerPlex Fusion kit.
XUU2HX	Data for locus DYS391 on Additional DNA page produced using the PowerPlex Fusion kit. NR=No Results
YDJXDH	No interpretation reported. Samples analyzed for database purposes only.
YGH9AH	Note: Item 1-2 analyzed with Y-STRs for database purposes only.
YLYL7Y	Database laboratory; therefore, only Items 1 and 2 were tested.
ZX6TNG	NR = no reaction



# Appendix: Data Sheet

Collaborative Testing Services ~ Forensic Testing Program

\*\*\*\*\*

## Test No. 15-585: DNA-Blood

DATA MUST BE RECEIVED BY November 2, 2015 TO BE INCLUDED IN THE REPORT

Participant Code:

WebCode:

### Accreditation Release Statement

CTS submits external proficiency test data directly to ASCLD/LAB and ANAB. 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 and/or ANAB.  
(Accreditation Release section on the last page must be completed and submitted.)
- This participant's data is NOT intended for submission to ASCLD/LAB or ANAB.

#### Scenario:

Police are investigating an assault of a woman in the local shopping mall. The victim was attacked in the hallway of the public restroom by a man who accosted her from behind. The victim was injured and thought she may have injured the man during the altercation. Mall security apprehended a man fleeing into the parking lot and held him until police arrived. The cuttings of stains found on the victim's shirt (Item 3) and the suspect's shirt (Item 4) were screened and both were positively identified as blood. Along with the questioned evidence, the screening lab provided known blood samples from the victim (Item 1) and the suspect (Item 2).

#### Items Submitted (Sample Pack S5):

- Item 1: Known blood from victim
- Item 2: Known blood from suspect
- Item 3: Questioned blood stain from victim's shirt. (grey fabric)
- Item 4: Questioned blood stain from suspect's shirt. (pink fabric)

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

Page 1 of 8

Participant Code:  
WebCode:

**Part I: DNA ANALYSIS**

**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.
- \* Follow your laboratory procedures for reporting homozygotes (i.e. X,X or X).

**Additional DNA Results:**

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

	<b>Item 1</b>	<b>Item 2</b>	<b>Item 3</b>	<b>Item 4</b>
_____	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
_____	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
_____	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
_____	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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 the kit specific information in the blank provided (i.e. 16, Plus, Direct, 16 HS, etc.).

COfiler®/Profiler Plus® \_\_\_\_\_  PowerPlex® \_\_\_\_\_

Identifiler® \_\_\_\_\_  Other \_\_\_\_\_

<b>ITEM</b>	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
<b>1</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>ITEM</b>	D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
<b>1</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>ITEM</b>	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
<b>1</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>ITEM</b>	Penta D	Penta E	SE33	TH01	TPOX	vWA
<b>1</b>	<input type="checkbox"/>	<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 the kit specific information in the blank provided (i.e. Plus, 23, etc.).

Yfiler® \_\_\_\_\_  PowerPlex® Y \_\_\_\_\_

Other \_\_\_\_\_

<b>ITEM</b>	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
<b>1</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>ITEM</b>	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
<b>1</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>ITEM</b>	DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel
<b>1</b>	<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 the kit specific information in the blank provided (i.e. 16, Plus, Direct, 16 HS, etc.).

COfiler®/Profiler Plus® \_\_\_\_\_
  PowerPlex® \_\_\_\_\_  
 Identifiler® \_\_\_\_\_
  Other \_\_\_\_\_

<b>ITEM</b>	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
<b>2</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>ITEM</b>	D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
<b>2</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>ITEM</b>	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
<b>2</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>ITEM</b>	Penta D	Penta E	SE33	TH01	TPOX	vWA
<b>2</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

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

<b>ITEM</b>	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
<b>2</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>ITEM</b>	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
<b>2</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>ITEM</b>	DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel
<b>2</b>	<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 Questioned Item 3**

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

COfiler®/Profiler Plus® \_\_\_\_\_  PowerPlex® \_\_\_\_\_

Identifiler® \_\_\_\_\_  Other \_\_\_\_\_

<b>ITEM</b>	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
<b>3</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>ITEM</b>	D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
<b>3</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>ITEM</b>	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
<b>3</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>ITEM</b>	Penta D	Penta E	SE33	TH01	TPOX	vWA
<b>3</b>	<input type="checkbox"/>	<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 the kit specific information in the blank provided (i.e. Plus, 23, etc.).

Yfiler® \_\_\_\_\_  PowerPlex® Y \_\_\_\_\_

Other \_\_\_\_\_

<b>ITEM</b>	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
<b>3</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>ITEM</b>	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
<b>3</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>ITEM</b>	DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel
<b>3</b>	<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 Questioned Item 4**

**STR Amplification Kit(s) Used For Item 4:** Please check all the brands that apply for this item and record ONLY the kit specific information in the blank provided (i.e. 16, Plus, Direct, 16 HS, etc.).

<input type="checkbox"/> COfiler®/Profiler Plus® _____	<input type="checkbox"/> PowerPlex® _____
<input type="checkbox"/> Identifiler® _____	<input type="checkbox"/> Other _____

<b>ITEM</b>	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
<b>4</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>ITEM</b>	D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
<b>4</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>ITEM</b>	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
<b>4</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>ITEM</b>	Penta D	Penta E	SE33	TH01	TPOX	vWA
<b>4</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

<input type="checkbox"/> Yfiler® _____	<input type="checkbox"/> PowerPlex® Y _____
<input type="checkbox"/> Other _____	

<b>ITEM</b>	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
<b>4</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>ITEM</b>	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
<b>4</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>ITEM</b>	DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel
<b>4</b>	<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: DNA INTERPRETATION**

Based on results obtained from DNA analysis, could the Victim (Item 1) and/or the Suspect (Item 2) be a contributor to the questioned stains (Items 3 & 4)?

		<u>Victim (Item 1)</u>				<u>Suspect (Item 2)</u>	
		Item 3	Item 4			Item 3	Item 4
Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inconclusive	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Inconclusive	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**DNA interpretations not reported; samples analyzed for database purposes only.**

**Part III: ADDITIONAL COMMENTS**

Comments regarding any part of this Forensic Biology Test.

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

*Any interpretations based on the results obtained should be indicated above.*

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

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<p><b>Return Instructions:</b> Data must be received via online data entry, fax (please include a cover sheet), or mail by <b>November 02, 2015</b> to be included in the report.</p> <p>QUESTIONS?  TEL: +1-571-434-1925 (8 am - 4:30 pm EST)  EMAIL: forensics@cts-interlab.com  www.ctsforensics.com</p>	<p>Participant Code:</p> <p>ONLINE DATA ENTRY: <a href="http://www.cts-portal.com">www.cts-portal.com</a>  FAX: +1-571-434-1937  MAIL: Collaborative Testing Services, Inc.  P.O. Box 650820  Sterling, VA 20165-0820 USA</p>
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**Please return all pages of this data sheet.**

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## 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. **15-585: DNA-Blood**

This release page must be completed and received by **November 2, 2015** to have this participant's submitted data included in the reports forwarded to the respective Accreditation Bodies.

**ASCLD/LAB RELEASE**

If your lab has been accredited by ASCLD/LAB and you are submitting this data as part of their external proficiency test requirements, have the laboratory's designated individual complete the following.

***The information below must be completed in its entirety for the results to be submitted to ASCLD/LAB.***

ASCLD/LAB Legacy Certificate No. \_\_\_\_\_ ASCLD/LAB International Certificate No. \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

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

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

**ANAB RELEASE**

If your laboratory maintains its accreditation through ANAB, please complete the following form in its entirety to have your results forwarded.

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

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

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

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

**Accreditation Release****Return Instructions**

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

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

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

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