



DNA - Blood Test No. 14-585 Summary Report

This proficiency test was sent to 286 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 231 participants (81% 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, mint green material (Item 3) and one on clean, cream material with vine pattern (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 μ l) was created using blood collected from a female and Item 3 (50 μ l) was created using blood collected from a different female donor. Items 2 (75 μ l) and 4 (50 μ l) were created using blood collected from the same male 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 September 2, 2014 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. The sealed sample pack envelopes were then packaged in pre-labeled Marvel Heat Seal envelopes and sealed. This process was repeated until all of the sample sets were prepared.

VERIFICATION: Laboratories that conducted predistribution analysis of the samples reported consistent results and associations.

Amelogenin and STR Results

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

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
1	15.3,16 10,13 16,16.2 12,12	20,24 13,14 28,28 5,12	14,14 18,22 15,16 27.2,28.2	14,15 11,14 X,X 9.3,9.3	10,11 11,13 11,12 9,11	9,12 10,15 23,23 16,17
2	11,15 10,15 14,16 9,12	17,21 13,16 31.2,31.2 11,18	10,11 16,23 15,16 18,29.2	14,15 8,12 X,Y 7,9	12,12 11,12 11,12 9,11	8,10 13,15 19,23 18,19
3	14,18.3 13,14 13,13 5,8	19,21 12,14 30,32.2 10,13	12,12 18,19 11,16 16,29.2	15,17 11,11 X,X 7,8	10,12 10,11 12,12 8,11	8,10 14,16 21,22 16,17
4	11,15 10,15 14,16 9,12	17,21 13,16 31.2,31.2 11,18	10,11 16,23 15,16 18,29.2	14,15 8,12 X,Y 7,9	12,12 11,12 11,12 9,11	8,10 13,15 19,23 18,19

YSTR Results

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

Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 Y Indel	DYS393 DYS533
2	14 14 12	11,13 12 17	13 12 18	29 18 23	25 17 10	11 17 12	14 27 *	13 13
4	14 14 12	11,13 12 17	13 12 18	29 18 23	25 17 10	11 17 12	14 27 *	13 13

* 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 from a female donor and Item 3 was created using blood collected from a different female donor. Items 2 and 4 were created using blood collected from the same male donor. (See Manufacturer's Information for preparation details)

Of the 231 responding, 182 participants reported DNA interpretations. All of these participants excluded the victim (Item 1) as a possible contributor to the Item 3 stain and Item 4 stain. Additionally all responding participants, excluded the suspect (Item 2) as a possible contributor to the Item 3 stain and included the suspect (Item 2) as a possible contributor to the Item 4 stain.

Three participants reported allelic results that were inconsistent with the consensus/predistribution results. Two participants reported an additional "16" at locus D8S1179 for Item 4 and one participant reported inconsistent alleles at two loci.

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
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Item 1

2629JX	<i>Identifiler®</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28		X	11,12	23
					9.3	9,11	16,17
2BLYYL	<i>Identifiler®</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28		X	11,12	23
					9.3	9,11	16,17
2CMWVG	<i>Identifiler®</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
2FF3YX	<i>Investigator ESSPlex Plus</i>						
	1	15.3,16	20,24	14	14,15		
		10,13	13,14	18,22		11,13	10,15
		16,16.2	28	15,16	X		23
					9.3		16,17
2JH9CH	<i>Identifiler®</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
2NVE6Q	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
2T4869	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
34YX3L	<i>Identifiler® Direct, PowerPlex® ESX17</i>						
	1	15.3,16	20,24	14,14	14,15	10,11	9,12
		10,13	13,14	18,22	11,14	11,13	10,15
		16,16.2	28,28	15,16	X,X	11,12	23,23
				27.2,28.2	9.3,9.3	9,11	16,17
3864ZF	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28		X	11,12	23
					9.3	9,11	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
Item 1							
3A8NLE	Qiagen Investigator IDplex Plus Kit						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
3BKXGD	Identifiler® Plus						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28		X	11,12	23
					9.3	9,11	16,17
3JVMAY	PowerPlex® PowerPlex® 16, PowerPlex® 16 HS						
	1				14,15	10,11	9,12
		10,13			11,14	11,13	10,15
			28,28		X,X	11,12	23,23
		12,12	5,12		9.3,9.3	9,11	16,17
3PNPFJ	Identifiler®						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28		X	11,12	23
					9.3	9,11	16,17
3V8TKZ	Identifiler® Direct						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28		X,X	11,12	23
					9.3	9,11	16,17
42U394	PowerPlex® PP16						
	1				14,15	10,11	9,12
		10,13			11,14	11,13	10,15
			28,28		X,X	11,12	23,23
		12,12	5,12		9.3,9.3	9,11	16,17
46CU4J	Identifiler®						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
46U9RF	PowerPlex® 18D						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
		12,12	5,12		9.3,9.3	9,11	16,17
49C3EL	Identifiler®						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	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
Item 1							
49TMCK	<i>Identifiler® Direct</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
49URX2	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
4A6V8J	<i>Identifiler®</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
4DMLNV	<i>Identifiler® & ID+</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
4J8EMT	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
4MAHQV	<i>PowerPlex® 16</i>						
	1				14,15	10,11	9,12
		10,13			11,14	11,13	10,15
			28,28		X,X	11,12	23,23
		12,12	5,12		9.3,9.3	9,11	16,17
4R4EEM	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
4TFQ2B	<i>PowerPlex® Fusion</i>						
	1	15.3,16	20,24	14	14,15	10,11	9,12
		10,13	13,14	18,22	11,14	11,13	10,15
		16,16.2	28	15,16	X	11,12	23
		12	5,12		9.3	9,11	16,17
68V7K2	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	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
Item 1							
68WQ63	PowerPlex® 16 HS						
	1				14,15	10,11	9,12
		10,13			11,14	11,13	10,15
			28,28		X,X	11,12	23,23
		12,12	5,12		9.3,9.3	9,11	16,17
6LBWCV	Identifiler® , Identifiler Plus						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
6LEFYX	Identifiler® Direct						
	1	-	20,24	-	14,15	10,11	9,12
		10,13	-	-	11,14	11,13	10,15
		16,16.2	28	-	X,X	11,12	23
		-	-	-	9.3	9,11	16,17
6RNGK2	Identifiler®						
	1	N/A	20,24	N/A	14,15	10,11	9,12
		10,13	N/A	N/A	11,14	11,13	10,15
		16,16.2	28,28	N/A	X,X	11,12	23,23
		N/A	N/A	N/A	9.3,9.3	9,11	16,17
6TYRK8	Identifiler® Plus						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
6YL6EM	Identifiler® Plus						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
72N288	Identifiler® Plus						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
72ZWPT	Identifiler®						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28		X	11,12	23
					9.3	9,11	16,17
76KQNE	Identifiler®						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	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

7BQGVQ	GlobalFiler Express						
	1	15.3,16	20,24	14,14	14,15	10,11	9,12
		10,13	13,14	18,22	11,14	11,13	10,15
		16,16.2	28,28	15,16	X,X	11,12	23,23
				27.2,28.2	9.3,9.3	9,11	16,17
7GD8DF	Identifiler® Direct						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28		X	11,12	23
					9.3	9,11	16,17
7LT3BK	Identifiler® Plus						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
7ZRLVB	Identifiler® Plus						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28		X	11,12	23
					9.3	9,11	16,17
82H84R	Identifiler®						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28		X	11,12	23
					9.3	9,11	16,17
83BM7V	Identifiler® Direct						
	1	-	20,24	-	14,15	10,11	9,12
		10,13	-	-	11,14	11,13	10,15
		16,16.2	28	-	X,X	11,12	23
		-	-	-	9.3	9,11	16,17
8DCNQ8	Identifiler® Plus						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28		X	11,12	23
					9.3	9,11	16,17
8G8C8E	Identifiler®						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
8H3VB2	Identifiler® Plus, MiniFiler						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	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
Item 1							
8U4QMY	<i>Identifiler®</i>						
	1	N/A	20,24	N/A	14,15	10,11	9,12
		10,13	N/A	N/A	11,14	11,13	10,15
		16,16.2	28,28	N/A	X,X	11,12	23,23
		N/A	N/A	N/A	9.3,9.3	9,11	16,17
8YUX8R	<i>PowerPlex® 16</i>						
	1				14,15	10,11	9,12
		10,13			11,14	11,13	10,15
			28,28		X,X	11,12	23,23
		12,12	5,12		9.3,9.3	9,11	16,17
943E3E	<i>PowerPlex® 16</i>						
	1				14,15	10,11	9,12
		10,13			11,14	11,13	10,15
			28		X	11,12	23
		12	5,12		9.3	9,11	16,17
96HQM6	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28		X	11,12	23
					9.3	9,11	16,17
96XL26	<i>PowerPlex® Fusion, ESX 17</i>						
	1	15.3,16	20,24	14,14	14,15	10,11	9,12
		10,13	13,14	18,22	11,14	11,13	10,15
		16,16.2	28,28	15,16	X,X	11,12	23,23
		12,12	5,12	27.2,28.2	9.3,9.3	9,11	16,17
97QPZY	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
9GNT28	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28		X	11,12	23
					9.3	9,11	16,17
9KAZEW	<i>Identifiler®</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28		X	11,12	23
					9.3	9,11	16,17
9L7FRU	<i>PowerPlex® 16, 16 HS</i>						
	1				14,15	10,11	9,12
		10,13			11,14	11,13	10,15
			28,28		X,X	11,12	23,23
		12,12	5,12		9.3,9.3	9,11	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
Item 1							
9QDE87	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28		X	11,12	23
					9.3	9,11	16,17
9WK3PD	<i>PowerPlex® 16</i>						
	1				14,15	10,11	9,12
		10,13			11,14	11,13	10,15
			28		X	11,12	23
		12	5,12		9.3	9,11	16,17
9WK6EH	<i>Identifiler®</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
9Z36RD	<i>Identifiler®</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
9ZHNEV	<i>Identifiler® Plus, MiniFiler</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
9ZMEWU	<i>Identifiler® , PowerPlex® 16, MiniFiler</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
		12,12	5,12		9.3,9.3	9,11	16,17
A847MK	<i>COfiler® and Profiler Plus®, Identifiler® , MF</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
AF9QTE	<i>PowerPlex® 16 Hot Start</i>						
	1				14,15	10,11	9,12
		10,13			11,14	11,13	10,15
			28,28		X,X	11,12	23,23
		12,12	5,12		9.3,9.3	9,11	16,17
ALH84N	<i>GlobalFiler Express</i>						
	1	15.3,16	20,24	14,14	14,15	10,11	9,12
		10,13	13,14	18,22	11,14	11,13	10,15
		16,16.2	28,28	15,16	X,X	11,12	23,23
				27.2,28.2	9.3,9.3	9,11	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
Item 1							
AY77VQ	<i>Identifiler®</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28		X	11,12	23
					9.3	9,11	16,17
B9P62L	<i>GlobalFiler Express</i>						
	1	15.3,16	20,24	14,14	14,15	10,11	9,12
		10,13	13,14	18,22	11,14	11,13	10,15
		16,16.2	28,28	15,16	X,X	11,12	23,23
				27.2,28.2	9.3,9.3	9,11	16,17
BAGZLA	<i>Identifiler®</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
BAZP8B	<i>Identifiler® Direct</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
BHFTCB	<i>PowerPlex® 18D</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
		12,12	5,12		9.3,9.3	9,11	16,17
BKK7L3	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
BKLEZB	<i>PowerPlex® 16</i>						
	1	N/A	N/A	N/A	14,15	10,11	9,12
		10,13	N/A	N/A	11,14	11,13	10,15
		N/A	28,28	N/A	X,X	11,12	23,23
		12,12	5,12	N/A	9.3,9.3	9,11	16,17
BTFJTC	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
BWGXMA	<i>PowerPlex® 16</i>						
	1				14,15	10,11	9,12
		10,13			11,14	11,13	10,15
			28		X	11,12	23
		12	5,12		9.3	9,11	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
Item 1							
BYXMMD	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
BZF274	<i>PowerPlex® Fusion, NGM SElect</i>						
	1	15.3,16	20,24	14,14	14,15	10,11	9,12
		10,13	13,14	18,22	11,14	11,13	10,15
		16,16.2	28,28	15,16	X,X	11,12	23,23
		12,12	5,12	27.2,28.2	9.3,9.3	9,11	16,17
C3XKND	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
C7HCXU	<i>Identifiler®</i>						
	1	N/A	20,24	N/A	14,15	10,11	9,12
		10,13	N/A	N/A	11,14	11,13	10,15
		16,16.2	28,28	N/A	X,X	11,12	23,23
		N/A	N/A	N/A	9.3,9.3	9,11	16,17
C7JUQ4	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
CF3DZ3	<i>Identifiler®</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28		X	11,12	23
					9.3	9,11	16,17
CGYTCY	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
CKVHT7	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28		X	11,12	23
					9.3	9,11	16,17
CLQ2WT	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	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
Item 1							
CMJR38	<i>Identifiler®</i>						
	1	not tested 10,13 16,16.2 not tested	20,24 not tested 28,28 not tested	not tested not tested not tested not tested	14,15 11,14 X,X 9.3,9.3	10,11 11,13 11,12 9,11	9,12 10,15 23,23 16,17
CITZEA	<i>PowerPlex® 21</i>						
	1	15.3,16 10,13 16,16.2 12,12	20,24 28,28 5,12	18,22	14,15 11,14 X,X 9.3,9.3	10,11 11,13 11,12 9,11	9,12 10,15 23,23 16,17
DFGZDB	<i>PowerPlex® 16</i>						
	1	10,13 12	28 5,12		14,15 11,14 X 9.3	10,11 11,13 11,12 9,11	9,12 10,15 23 16,17
DKCQL8	<i>PowerPlex® 16</i>						
	1	10,13 12	28 5,12		14,15 11,14 X 9.3	10,11 11,13 11,12 9,11	9,12 10,15 23 16,17
DP7QWW	<i>Identifiler® Plus</i>						
	1	10,13 16,16.2	20,24 28,28		14,15 11,14 X,X 9.3,9.3	10,11 11,13 11,12 9,11	9,12 10,15 23,23 16,17
E9FZKZ	<i>Identifiler®</i>						
	1	10,13 16,16.2	20,24 28,28		14,15 11,14 X,X 9.3,9.3	10,11 11,13 11,12 9,11	9,12 10,15 23,23 16,17
EJD787	<i>PowerPlex® 16</i>						
	1	10,13 12	28 5,12		14,15 11,14 X 9.3	10,11 11,13 11,12 9,11	9,12 10,15 23 16,17
EMXMED	<i>Identifiler® Plus</i>						
	1	10,13 16,16.2	20,24 28,28		14,15 11,14 X,X 9.3,9.3	10,11 11,13 11,12 9,11	9,12 10,15 23,23 16,17
ENRNM3	<i>Identifiler® Plus[sic]</i>						
	1	10,13 16,16.2	20,24 28		14,15 11,14 X 9.3	10,11 11,13 11,12 9,11	9,12 10,15 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
Item 1							
EVNFVW	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
EW3XY3	<i>Identifiler®</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
F36BDC	<i>Identifiler®</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
F8JEDA	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
FAJEZ6	<i>PowerPlex® 16 HS, ESI 17 Pro</i>						
	1	15.3,16	20,24	14	14,15	10,11	9,12
		10,13	13,14	18,22	11,14	11,13	10,15
		16,16.2	28	15,16	X	11,12	23
		12	5,12	27.2,28.2	9.3	9,11	16,17
FB2BQJ	<i>Identifiler®</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28		X	11,12	23
					9.3	9,11	16,17
FG2VN9	<i>COfiler® and Profiler Plus® for D13 locus, PowerPlex® 16 HS</i>						
	1				14,15	10,11	9,12
		10,13			11,14	11,13	10,15
			28,28		X,X	11,12	23,23
		12,12	5,12		9.3,9.3	9,11	16,17
FLY3FX	<i>Identifiler®</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
FR9VG3	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	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
Item 1							
FZYJBK	<i>PowerPlex® 16, HS</i>						
	1				14,15	10,11	9,12
		10,13			11,14	11,13	10,15
			28,28		X,X	11,12	23,23
		12,12	5,12		9.3,9.3	9,11	16,17
G2CX9Y	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
GN4PF3	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
GTDEMV	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
GY3M2G	<i>Identifiler®, Identifiler Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
H278DZ	<i>Identifiler® Plus, PowerPlex® 16 HS, FUSION, NGMS</i>						
	1	15.3,16	20,24	14	14,15	10,11	9,12
		10,13	13,14	18,22	11,14	11,13	10,15
		16,16.2	28	15,16	X	11,12	23
		12	5,12	27.2,28.2	9.3	9,11	16,17
H8UM8Y	<i>Identifiler®</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
HB9X84	<i>PowerPlex® 18D</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
		12,12	5,12		9.3,9.3	9,11	16,17
HBA6G4	<i>Identifiler®</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	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
Item 1							
HDERWT	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
HKXJD2	<i>PowerPlex® PowerPlex®18D</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
		12,12	5,12		9.3,9.3	9,11	16,17
HNYNQL	<i>Identifiler®</i>						
	1	N/A	20,24	N/A	14,15	10,11	9,12
		10,13	N/A	N/A	11,14	11,13	10,15
		16,16.2	28,28	N/A	X,X	11,12	23,23
		N/A	N/A	N/A	9.3,9.3	9,11	16,17
HRFL83	<i>Identifiler® Plus, PowerPlex® 16 HS, ESI17</i>						
	1	15.3,16	20,24	14	14,15	10,11	9,12
		10,13	13,14	18,22	11,14	11,13	10,15
		16,16.2	28	15,16	X	11,12	23
		12	5,12	27.2,28.2	9.3	9,11	16,17
HRHJTE	<i>COfiler® and Profiler Plus®</i>						
	1				14,15	10,11	9,12
		10,13			11,14		10,15
			28,28		X,X		23,23
							16,17
HU9PCP	<i>Identifiler® Plus, PowerPlex® 16, MiniFiler</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
		12,12	5,12		9.3,9.3	9,11	16,17
HWPKYV	<i>Identifiler® Plus, MiniFiler</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
J3CULY	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28		X	11,12	23
					9.3	9,11	16,17
J48DPK	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	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
Item 1							
J4PEGU	<i>Identifiler®</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
JCYN32	<i>PowerPlex® 16</i>						
	1				14,15	10,11	9,12
		10,13			11,14	11,13	10,15
			28		X	11,12	23
		12	5,12		9.3	9,11	16,17
JGYUMY	<i>Identifiler®</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
JKEWG6	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
JLR4Q6	<i>Identifiler® Direct, PowerPlex® ESX17</i>						
	1	15.3,16	20,24	14,14	14,15	10,11	9,12
		10,13	13,14	18,22	11,14	11,13	10,15
		16,16.2	28,28	15,16	X,X	11,12	23,23
				27.2,28.2	9.3,9.3	9,11	16,17
JW6V7L	<i>PowerPlex® 21</i>						
	1	15.3,16	20,24	-	14,15	10,11	9,12
		10,13	-	18,22	11,14	11,13	10,15
		16,16.2	28,28	-	X,X	11,12	23,23
		12,12	5,12	-	9.3,9.3	9,11	16,17
JYBN9D	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
K9GF69	<i>Identifiler® , Identifiler Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
KE3DVG	<i>PowerPlex® 16 and PowerPlex® 16 HS</i>						
	1				14,15	10,11	9,12
		10,13			11,14	11,13	10,15
			28,28		X,X	11,12	23,23
		12,12	5,12		9.3,9.3	9,11	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
Item 1							
KEJZEC	<i>PowerPlex® Fusion</i>						
	1	15.3,16 10,13 16,16.2 12	20,24 13,14 28 5,12	14 18,22 15,16	14,15 11,14 X 9.3	10,11 11,13 11,12 9,11	9,12 10,15 23 16,17
KFGXHZ	<i>Identifiler® Plus</i>						
	1		20,24		14,15 11,14 X,X 9.3,9.3	10,11 11,13 11,12 9,11	9,12 10,15 23,23 16,17
KFT7DY	<i>Identifiler®</i>						
	1		20,24		14,15 11,14 X 9.3	10,11 11,13 11,12 9,11	9,12 10,15 23 16,17
KL4M4V	<i>PowerPlex® Fusion, ESX 17</i>						
	1	15.3,16 10,13 16,16.2 12,12	20,24 13,14 28,28 5,12	14,14 18,22 15,16 27.2,28.2	14,15 11,14 X,X 9.3,9.3	10,11 11,13 11,12 9,11	9,12 10,15 23,23 16,17
KMULZK	<i>Identifiler® Plus, MiniFiler</i>						
	1		20,24		14,15 11,14 X,X 9.3,9.3	10,11 11,13 11,12 9,11	9,12 10,15 23,23 16,17
KXETYA	<i>Identifiler® Plus</i>						
	1		20,24		14,15 11,14 X,X 9.3,9.3	10,11 11,13 11,12 9,11	9,12 10,15 23,23 16,17
L7LG4F	<i>PowerPlex® 16 HS</i>						
	1				14,15 11,14 X,X 9.3,9.3	10,11 11,13 11,12 9,11	9,12 10,15 23,23 16,17
LBYS63	<i>Identifiler® Direct, PowerPlex® ESX 17</i>						
	1	15.3,16 10,13 16,16.2	20,24 13,14 28,28	14,14 18,22 15,16 27.2,28.2	14,15 11,14 X,X 9.3,9.3	10,11 11,13 11,12 9,11	9,12 10,15 23,23 16,17
LPZTUK	<i>PowerPlex® 16, 16 HS</i>						
	1				14,15 11,14 X,X 9.3,9.3	10,11 11,13 11,12 9,11	9,12 10,15 23,23 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
Item 1							
LVMJH2	<i>Identifiler® , PowerPlex® 21, GlobalFiler</i>						
	1	15.3,16 10,13 16,16.2 12	20,24 13,14 28 5,12	14 18,22 15,16 27.2,28.2	14,15 11,14 X 9.3	10,11 11,13 11,12 9,11	9,12 10,15 23 16,17
M4FDT4	<i>Identifiler® Identifiler Plus</i>						
	1		20,24		14,15 11,14 X,X 9.3,9.3	10,11 11,13 11,12 9,11	9,12 10,15 23,23 16,17
M6P2RH	<i>Identifiler®</i>						
	1	N/A 10,13 16,16.2 N/A	20,24 N/A 28,28 N/A	N/A N/A N/A N/A	14,15 11,14 X,X 9.3,9.3	10,11 11,13 11,12 9,11	9,12 10,15 23,23 16,17
M8TL43	<i>PowerPlex® Fusion</i>						
	1	15.3,16 10,13 16,16.2 12,12	20,24 13,14 28,28 5,12	14,14 18,22 15,16	14,15 11,14 X,X 9.3,9.3	10,11 11,13 11,12 9,11	9,12 10,15 23,23 16,17
MD3CLV	<i>Identifiler® Plus</i>						
	1		20,24		14,15 11,14 X,X 9.3,9.3	10,11 11,13 11,12 9,11	9,12 10,15 23,23 16,17
MJR2BR	<i>Identifiler® Plus</i>						
	1		20,24		14,15 11,14 X 9.3	10,11 11,13 11,12 9,11	9,12 10,15 23 16,17
MK37MV	<i>Identifiler® Plus</i>						
	1		20,24		14,15 11,14 X 9.3	10,11 11,13 11,12 9,11	9,12 10,15 23 16,17
MLXPQG	<i>Identifiler® Plus, MiniFiler</i>						
	1		20,24		14,15 11,14 X,X 9.3,9.3	10,11 11,13 11,12 9,11	9,12 10,15 23,23 16,17
MVHLKB	<i>Identifiler® Plus</i>						
	1		20,24		14,15 11,14 X,X 9.3,9.3	10,11 11,13 11,12 9,11	9,12 10,15 23,23 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
Item 1							
N2N3MN	<i>Identifiler®</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
N6MTZB	<i>PowerPlex® 16 HS</i>						
	1				14,15	10,11	9,12
		10,13			11,14	11,13	10,15
			28,28		X,X	11,12	23,23
		12,12	5,12		9.3,9.3	9,11	16,17
NFNN8Y	<i>PowerPlex® 16</i>						
	1				14,15	10,11	9,12
		10,13			11,14	11,13	10,15
			28		X	11,12	23
		12	5,12		9.3	9,11	16,17
NJZYVM	<i>Identifiler® Plus, MiniFiler</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
NRXGGQ	<i>PowerPlex® PP21</i>						
	1	15.3,16	20,24		14,15	10,11	9,12
		10,13		18,22	11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
		12,12	5,12		9.3,9.3	9,11	16,17
P2XGKH	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
P3CZ8Z	<i>PowerPlex® FUSION</i>						
	1	15.3,16	20,24	14	14,15	10,11	9,12
		10,13	13,14	18,22	11,14	11,13	10,15
		16,16.2	28	15,16	X	11,12	23
		12	5,12		9.3	9,11	16,17
P7F7Z9	<i>Profiler Plus</i>						
	1				14,15	10,11	9,12
		10,13			11,14		10,15
			28,28		X,X		23,23
							16,17
PC3Q8U	<i>PowerPlex® 18D</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
		12,12	5,12		9.3,9.3	9,11	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
Item 1							
PE6R77	<i>Profiler Plus</i>						
	1				14,15	10,11	9,12
		10,13			11,14		10,15
			28,28		X,X		23,23
							16,17
PJG8L3	<i>Identifiler®</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
PX2G2Z	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
PX3PDK	<i>Identifiler® Plus</i>						
	1	-	20,24	-	14,15	10,11	9,12
		10,13	-	-	11,14	11,13	10,15
		16,16.2	28,28	-	X,X	11,12	23,23
		-	-	-	9.3,9.3	9,11	16,17
QL2G99	<i>Identifiler®</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28		X	11,12	23
					9.3	9,11	16,17
QPMT27	<i>Identifiler®</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
R69TAG	<i>PowerPlex® 16 HS</i>						
	1				14,15	10,11	9,12
		10,13			11,14	11,13	10,15
			28,28		X,X	11,12	23,23
		12,12	5,12		9.3,9.3	9,11	16,17
RA7RQE	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
RCAKMX	<i>Identifiler®</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	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

RDQ4MH	PowerPlex® 16 HS						
	1				14,15	10,11	9,12
		10,13			11,14	11,13	10,15
			28,28		X,X	11,12	23,23
		12,12	5,12		9,3,9,3	9,11	16,17
RTX3RF	Identifiler®						
	1	n/a	20,24	n/a	14,15	10,11	9,12
		10,13	n/a	n/a	11,14	11,13	10,15
		16,16.2	28,28	n/a	X,X	11,12	23,23
		n/a	n/a	n/a	9,3,9,3	9,11	16,17
RUBAYV	Identifiler® Direct						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28		X	11,12	23
					9,3	9,11	16,17
RUX24W	Identifiler® Plus						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9,3,9,3	9,11	16,17
RW2WMY	Identifiler® Plus						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9,3,9,3	9,11	16,17
T6PA3P	Identifiler® Plus						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9,3,9,3	9,11	16,17
TC4MRT	PowerPlex® 16						
	1				14,15	10,11	9,12
		10,13			11,14	11,13	10,15
			28		X	11,12	23
		12	5,12		9,3	9,11	16,17
TC7M3A	Identifiler® Plus, PowerPlex® 16						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
		12,12	5,12		9,3,9,3	9,11	16,17
TDHMY4	Identifiler® Plus						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9,3,9,3	9,11	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
Item 1							
TF7JGM	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
TQBGJ6	<i>Identifiler®</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28		X	11,12	23
					9.3	9,11	16,17
TRHVPB	<i>IDPlus, MiniFiler</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
TU939M	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28		X	11,12	23
					9.3	9,11	16,17
TWWYRU	<i>Identifiler®</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28		X	11,12	23
					9.3	9,11	16,17
TXBQVP	<i>Identifiler®</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
U4P44M	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28		X	11,12	23
					9.3	9,11	16,17
U7VL7P	<i>Identifiler® , PowerPlex® , NGM SElect</i>						
	1		20,24	14	14,15	10,11	9,12
		10,13	13,14	17.3,22	11,14	11,13	10,15
		16,16.2	28	15,16	X	11,12	23
		12	5,12	27.2,28.2	9.3	9,11	16,17
UCK78J	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	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
Item 1							
UJ4YDW	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9,3,9,3	9,11	16,17
UNXQNE	<i>2 home made multiplexes</i>						
	1	15,3,16		14,14	14,15	10,11	9,12
		10,13	13,14	18,22	11,14	11,13	10,15
			28,28	15,16	X,X		23,23
				27,2,28,2	9,3,9,3	9,11	16,17
UPDX8B	<i>Identifiler®</i>						
	1	N/A	20,24	N/A	14,15	10,11	9,12
		10,13	N/A	N/A	11,14	11,13	10,15
		16,16.2	28,28	N/A	X,X	11,12	23,23
		N/A	N/A	N/A	9,3,9,3	9,11	16,17
UPTCFK	<i>PowerPlex® Fusion, ESI17 Pro</i>						
	1	15,3,16	20,24	14,14	14,15	10,11	9,12
		10,13	13,14	18,22	11,14	11,13	10,15
		16,16.2	28,28	15,16	X,X	11,12	23,23
		12,12	5,12	27,2,28,2	9,3,9,3	9,11	16,17
UX8ZC8	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9,3,9,3	9,11	16,17
UXNR8P	<i>Identifiler®</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9,3,9,3	9,11	16,17
V7AZZY	<i>Profiler Plus</i>						
	1				14,15	10,11	9,12
		10,13			11,14		10,15
			28,28		X,X		23,23
							16,17
V8LAY4	<i>Identifiler®</i>						
	1	-	20,24	-	14,15	10,11	9,12
		10,13	-	-	11,14	11,13	10,15
		16,16.2	28	-	X	11,12	23
		-	-	-	9,3	9,11	16,17
VB643W	<i>Identifiler®</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9,3,9,3	9,11	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
Item 1							
VCH4DT	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
VQLZHT	<i>PowerPlex® 16</i>						
	1				14,15	10,11	9,12
		10,13			11,14	11,13	10,15
			28		X	11,12	23
		12	5,12		9.3	9,11	16,17
VUJL6P	<i>Identifiler®</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
YYCKNQ	<i>PowerPlex® 16</i>						
	1				14,15	10,11	9,12
		10,13			11,14	11,13	10,15
			28		X	11,12	23
		12	5,12		9.3	9,11	16,17
W2D6MB	<i>Identifiler® Direct</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28		X	11,12	23
					9.3	9,11	16,17
W2GZL4	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
W443JH	<i>Identifiler®</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
W8JU9P	<i>PowerPlex® PowerPlex® 21</i>						
	1	15.3,16	20,24		14,15	10,11	9,12
		10,13		18,22	11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
		12,12	5,12		9.3,9.3	9,11	16,17
WDRP2K	<i>PowerPlex® FUSION, ESI 17</i>						
	1	15.3,16	20,24	14,14	14,15	10,11	9,12
		10,13	13,14	18,22	11,14	11,13	10,15
		16,16.2	28,28	15,16	X,X	11,12	23,23
		12,12	5,12	27.2,28.2	9.3,9.3	9,11	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
Item 1							
WDYKX	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
WFT7GF	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
WNN9KD	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
WWJ9Z6	<i>Identifiler®</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28		X	11,12	23
					9.3	9,11	16,17
WZ6H4J	<i>PowerPlex® Fusion, ES17</i>						
	1	15.3,16	20,24	14,14	14,15	10,11	9,12
		10,13	13,14	18,22	11,14	11,13	10,15
		16,16.2	28,28	15,16	X,X	11,12	23,23
		12,12	5,12	27.2,28.2	9.3,9.3	9,11	16,17
X6QX7V	<i>Profiler Plus</i>						
	1				14,15	10,11	9,12
		10,13			11,14		10,15
			28,28		X,X		23,23
							16,17
X8FET4	<i>Identifiler®</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28		X	11,12	23
					9.3	9,11	16,17
XCDNTQ	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
XCTD8H	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	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
Item 1							
XG4VDK	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
XLYP9Z	<i>COfiler® and Profiler Plus®, Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
XLZJUR	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
XZVFYN	<i>Identifiler® Direct</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28		X	11,12	23
					9.3	9,11	16,17
Y4VCEP	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
Y4VE39	<i>Identifiler® Plus, PowerPlex® 16</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
		12,12	5,12		9.3,9.3	9,11	16,17
Y4YLYF	<i>Identifiler®</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
Y66JFX	<i>COfiler® and Profiler Plus®</i>						
	1				14,15	10,11	9,12
		10,13			11,14		10,15
			28,28		X,X		23,23
							16,17
Y68LAN	<i>COfiler® and Profiler Plus®, PowerPlex® 16 HS</i>						
	1				14,15	10,11	9,12
		10,13			11,14	11,13	10,15
			28,28		X,X	11,12	23,23
		12,12	5,12		9.3,9.3	9,11	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
Item 1							
YFRKV8	<i>Identifiler®</i>						
	1	N/A	20,24	N/A	14,15	10,11	9,12
		10,13	N/A	N/A	11,14	11,13	10,15
		16,16.2	28,28	N/A	X,X	11,12	23,23
		N/A	N/A	N/A	9.3,9.3	9,11	16,17
YK3329	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
YRKCRP	<i>PowerPlex® Fusion</i>						
	1	15.3,16	20,24	14	14,15	10,11	9,12
		10,13	13,14	18,22	11,14	11,13	10,15
		16,16.2	28	15,16	X	11,12	23
		12	5,12		9.3	9,11	16,17
YTE6KN	<i>Identifiler® Direct</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
YU7NH3	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
YUB966	<i>Identifiler® Direct</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28		X,X	11,12	23
					9.3	9,11	16,17
YVY9V7	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
YZT7KX	<i>PowerPlex® Fusion Direct</i>						
	1	15.3,16	20,24	14	14,15	10,11	9,12
		10,13	13,14	18,22	11,14	11,13	10,15
		16,16.2	28	15,16	X,X	11,12	23
		12	5,12		9.3	9,11	16,17
Z24X4K	<i>PowerPlex® PowerPlex® 18D</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
		12,12	5,12		9.3,9.3	9,11	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

ZETYG7	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	16,17
ZKZ4UZ	<i>PowerPlex® 16, HS</i>						
	1				14,15	10,11	9,12
		10,13			11,14	11,13	10,15
			28,28		X,X	11,12	23,23
		12,12	5,12		9.3,9.3	9,11	16,17
ZPQ9CN	<i>PowerPlex® 16</i>						
	1				14,15	10,11	9,12
		10,13			11,14	11,13	10,15
			28		X	11,12	23
		12	5,12		9.3	9,11	16,17
ZU4QRJ	<i>Identifiler®</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28		X	11,12	23
					9.3	9,11	16,17
ZYD9PC	<i>Identifiler® Plus</i>						
	1	-	20,24	-	14,15	10,11	9,12
		10,13	-	-	11,14	11,13	10,15
		16,16.2	28,28	-	X,X	11,12	23,23
		-	-	-	9.3,9.3	9,11	16,17
ZZUFXF	<i>Identifiler® Plus</i>						
	1		20,24		14,15	10,11	9,12
		10,13			11,14	11,13	10,15
		16,16.2	28,28		X,X	11,12	23,23
					9.3,9.3	9,11	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

2629JX	<i>Identifiler®</i>						
	2		17,21		14,15	12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
2BLYYL	<i>Identifiler®</i>						
	2		17,21		14,15	12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
2CMWVG	<i>Identifiler®</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
2FF3YX	<i>Investigator ESSplex Plus</i>						
	2	11,15	17,21	10,11	14,15		
		10,15	13,16	16,23		11,12	13,15
		14,16	31.2	15,16	X,Y		19,23
					7,9		18,19
2JH9CH	<i>Identifiler®</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
2NVE6Q	<i>Identifiler® Plus</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
2T4869	<i>Identifiler® Plus</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
34YX3L	<i>Identifiler® Direct, PowerPlex® ESX17</i>						
	2	11,15	17,21	10,11	14,15	12,12	8,10
		10,15	13,16	16,23	8,12	11,12	13,15
		14,16	31.2,31.2	15,16	X,Y	11,12	19,23
				18,29.2	7,9	9,11	18,19
3864ZF	<i>Identifiler® Plus</i>						
	2		17,21		14,15	12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2		X,Y	11,12	19,23
					7,9	9,11	18,19

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

3A8NLE	Qiagen Investigator IDplex Plus Kit						
	2	17,21			14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
3BKXGD	Identifiler® Plus						
	2	17,21			14,15	12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
3JVMAY	PowerPlex® PowerPlex® 16, PowerPlex® 16 HS						
	2				14,15	12,12	8,10
		10,15			8,12	11,12	13,15
			31.2,31.2		X,Y	11,12	19,23
		9,12	11,18		7,9	9,11	18,19
3PNPFJ	Identifiler®						
	2	17,21			14,15	12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
3V8TKZ	Identifiler® Direct						
	2	17,21			14,15	12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
42U394	PowerPlex® PP16						
	2				14,15	12,12	8,10
		10,15			8,12	11,12	13,15
			31.2,31.2		X,Y	11,12	19,23
		9,12	11,18		7,9	9,11	18,19
46CU4J	Identifiler®						
	2	17,21			14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
46U9RF	PowerPlex® 18D						
	2	17,21			14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
		9,12	11,18		7,9	9,11	18,19
49C3EL	Identifiler®						
	2	17,21			14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19

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

49TMCK	<i>Identifiler® Direct</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
				7,9	9,11	18,19	
49URX2	<i>Identifiler® Plus</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
				7,9	9,11	18,19	
4A6V8J	<i>Identifiler®</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
				7,9	9,11	18,19	
4DMLNV	<i>Identifiler® & ID+</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
				7,9	9,11	18,19	
4J8EMT	<i>Identifiler® Plus</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
				7,9	9,11	18,19	
4MAHQV	<i>PowerPlex® 16</i>						
	2				14,15	12,12	8,10
		10,15			8,12	11,12	13,15
			31.2,31.2		X,Y	11,12	19,23
		9,12	11,18	7,9	9,11	18,19	
4R4EEM	<i>Identifiler® Plus</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
				7,9	9,11	18,19	
4TFQ2B	<i>PowerPlex® Fusion</i>						
	2	11,15	17,21	10,11	14,15	12	8,10
		10,15	13,16	16,23	8,12	11,12	13,15
		14,16	31.2	15,16	X,Y	11,12	19,23
		9,12	11,18	7,9	9,11	18,19	
68V7K2	<i>Identifiler® Plus</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
				7,9	9,11	18,19	

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

68WQ63	PowerPlex® 16 HS						
	2				14,15	12,12	8,10
		10,15			8,12	11,12	13,15
			31.2,31.2		X,Y	11,12	19,23
		9,12	11,18		7,9	9,11	18,19
6LBWCV	Identifiler® , Identifiler Plus						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
6LEFYX	Identifiler® Direct						
	2	-	17,21	-	14,15	12	8,10
		10,15	-	-	8,12	11,12	13,15
		14,16	31.2	-	X,Y	11,12	19,23
		-	-	-	7,9	9,11	18,19
6RNGK2	Identifiler®						
	2	N/A	17,21	N/A	14,15	12,12	8,10
		10,15	N/A	N/A	8,12	11,12	13,15
		14,16	31.2,31.2	N/A	X,Y	11,12	19,23
		N/A	N/A	N/A	7,9	9,11	18,19
6TYRK8	Identifiler® Plus						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
6YL6EM	Identifiler® Plus						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
72N288	Identifiler® Plus						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
72ZWPT	Identifiler®						
	2		17,21		14,15	12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
76KQNE	Identifiler®						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19

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

7BQGVQ	GlobalFiler Express	2	11,15	17,21	10,11	14,15	12,12	8,10
			10,15	13,16	16,23	8,12	11,12	13,15
			14,16	31.2,31.2	15,16	X,Y	11,12	19,23
					18,29.2	7,9	9,11	18,19
7GD8DF	Identifiler® Direct	2		17,21		14,15	12	8,10
			10,15			8,12	11,12	13,15
			14,16	31.2		X,Y	11,12	19,23
						7,9	9,11	18,19
7LT3BK	Identifiler® Plus	2		17,21		14,15	12,12	8,10
			10,15			8,12	11,12	13,15
			14,16	31.2,31.2		X,Y	11,12	19,23
						7,9	9,11	18,19
7ZRLVB	Identifiler Plus	2		17,21		14,15	12	8,10
			10,15			8,12	11,12	13,15
			14,16	31.2		X,Y	11,12	19,23
						7,9	9,11	18,19
82H84R	Identifiler®	2		17,21		14,15	12	8,10
			10,15			8,12	11,12	13,15
			14,16	31.2		X,Y	11,12	19,23
						7,9	9,11	18,19
83BM7V	Identifiler® Direct	2	-	17,21	-	14,15	12	8,10
			10,15	-	-	8,12	11,12	13,15
			14,16	31.2	-	X,Y	11,12	19,23
			-	-	-	7,9	9,11	18,19
8DCNQ8	Identifiler® Plus	2		17,21		14,15	12	8,10
			10,15			8,12	11,12	13,15
			14,16	31.2		X,Y	11,12	19,23
						7,9	9,11	18,19
8G8C8E	Identifiler®	2		17,21		14,15	12,12	8,10
			10,15			8,12	11,12	13,15
			14,16	31.2,31.2		X,Y	11,12	19,23
						7,9	9,11	18,19
8H3VB2	Identifiler® Plus, MiniFiler	2		17,21		14,15	12,12	8,10
			10,15			8,12	11,12	13,15
			14,16	31.2,31.2		X,Y	11,12	19,23
						7,9	9,11	18,19

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

8U4QMY	Identifiler®	2	N/A	17,21	N/A	14,15	12,12	8,10
			10,15	N/A	N/A	8,12	11,12	13,15
			14,16	31.2,31.2	N/A	X,Y	11,12	19,23
			N/A	N/A	N/A	7,9	9,11	18,19
8YUX8R	PowerPlex® 16	2				14,15	12,12	8,10
			10,15			8,12	11,12	13,15
				31.2,31.2		X,Y	11,12	19,23
			9,12	11,18		7,9	9,11	18,19
943E3E	PowerPlex® 16	2				14,15	12	8,10
			10,15			8,12	11,12	13,15
				31.2		X,Y	11,12	19,23
			9,12	11,18		7,9	9,11	18,19
96HQM6	Identifiler® Plus	2		17,21		14,15	12	8,10
			10,15			8,12	11,12	13,15
			14,16	31.2		X,Y	11,12	19,23
						7,9	9,11	18,19
96XL26	PowerPlex® Fusion, ESX17	2	11,15	17,21	10,11	14,15	12,12	8,10
			10,15	13,16	16,23	8,12	11,12	13,15
			14,16	31.2,31.2	15,16	X,Y	11,12	19,23
			9,12	11,18	18,29.2	7,9	9,11	18,19
97QPZY	Identifiler® Plus	2		17,21		14,15	12,12	8,10
			10,15			8,12	11,12	13,15
			14,16	31.2,31.2		X,Y	11,12	19,23
						7,9	9,11	18,19
9GNT28	Identifiler® Plus	2		17,21		14,15	12	8,10
			10,15			8,12	11,12	13,15
			14,16	31.2		X,Y	11,12	19,23
						7,9	9,11	18,19
9KAZEW	Identifiler®	2		17,21		14,15	12	8,10
			10,15			8,12	11,12	13,15
			14,16	31.2		X,Y	11,12	19,23
						7,9	9,11	18,19
9L7FRU	PowerPlex® 16, 16 HS	2				14,15	12,12	8,10
			10,15			8,12	11,12	13,15
				31.2,31.2		X,Y	11,12	19,23
			9,12	11,18		7,9	9,11	18,19

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

9QDE87	<i>Identifiler® Plus</i>						
	2	17,21			14,15	12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
9WK3PD	<i>PowerPlex® 16</i>						
	2				14,15	12	8,10
		10,15			8,12	11,12	13,15
			31.2		X,Y	11,12	19,23
		9,12	11,18		7,9	9,11	18,19
9WK6EH	<i>Identifiler®</i>						
	2	17,21			14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
9Z36RD	<i>Identifiler®</i>						
	2	17,21			14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
9ZHNEV	<i>Identifiler® Plus, MiniFiler</i>						
	2	17,21			14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
9ZMEWU	<i>Identifiler® , PowerPlex® 16, MiniFiler</i>						
	2	17,21			14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
		9,12	11,18		7,9	9,11	18,19
A847MK	<i>COfiler® and Profiler Plus®, Identifiler® , MF</i>						
	2	17,21			14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
AF9QTE	<i>PowerPlex® 16 Hot Start</i>						
	2				14,15	12,12	8,10
		10,15			8,12	11,12	13,15
			31.2,31.2		X,Y	11,12	19,23
		9,12	11,18		7,9	9,11	18,19
ALH84N	<i>GlobalFiler Express</i>						
	2	11,15	17,21	10,11	14,15	12,12	8,10
		10,15	13,16	16,23	8,12	11,12	13,15
		14,16	31.2,31.2	15,16	X,Y	11,12	19,23
				18,29.2	7,9	9,11	18,19

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

AY77VQ	Identifiler®						
	2		17,21		14,15	12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
B9P62L	GlobalFiler Express						
	2	11,15	17,21	10,11	14,15	12,12	8,10
		10,15	13,16	16,23	8,12	11,12	13,15
		14,16	31.2,31.2	15,16	X,Y	11,12	19,23
				18,29.2	7,9	9,11	18,19
BAGZLA	Identifiler®						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
BAZP8B	Identifiler® Direct						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
BHFTCB	PowerPlex® 18D						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
		9,12	11,18		7,9	9,11	18,19
BKK7L3	Identifiler® Plus						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
BKLEZB	PowerPlex® 16						
	2	N/A	N/A	N/A	14,15	12,12	8,10
		10,15	N/A	N/A	8,12	11,12	13,15
		N/A	31.2,31.2	N/A	X,Y	11,12	19,23
		9,12	11,18	N/A	7,9	9,11	18,19
BTFJTC	Identifiler® Plus						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
BWGXMA	PowerPlex® 16						
	2				14,15	12	8,10
		10,15			8,12	11,12	13,15
			31.2		X,Y	11,12	19,23
		9,12	11,18		7,9	9,11	18,19

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

BYXMMD	<i>Identifiler® Plus</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y 7,9	11,12 9,11	19,23 18,19
BZF274	<i>PowerPlex® Fusion, NGM SElect</i>						
	2	11,15	17,21	10,11	14,15	12,12	8,10
		10,15	13,16	16,23	8,12	11,12	13,15
		14,16	31.2,31.2	15,16	X,Y	11,12	19,23
		9,12	11,18	18,29.2	7,9	9,11	18,19
C3XKND	<i>Identifiler® Plus</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y 7,9	11,12 9,11	19,23 18,19
C7HCXU	<i>Identifiler®</i>						
	2	N/A	17,21	N/A	14,15	12,12	8,10
		10,15	N/A	N/A	8,12	11,12	13,15
		14,16	31.2,31.2	N/A	X,Y	11,12	19,23
		N/A	N/A	N/A	7,9	9,11	18,19
C7JUQ4	<i>Identifiler® Plus</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y 7,9	11,12 9,11	19,23 18,19
CF3DZ3	<i>Identifiler®</i>						
	2		17,21		14,15	12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2		X,Y 7,9	11,12 9,11	19,23 18,19
CGYTCY	<i>Identifiler® Plus</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y 7,9	11,12 9,11	19,23 18,19
CKVHT7	<i>Identifiler® Plus</i>						
	2		17,21		14,15	12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2		X,Y 7,9	11,12 9,11	19,23 18,19
CLQ2WT	<i>Identifiler® Plus</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y 7,9	11,12 9,11	19,23 18,19

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

CMJR38	<i>Identifiler®</i>	2	not tested	17,21	not tested	14,15	12,12	8,10
			10,15	not tested	not tested	8,12	11,12	13,15
			14,16	31.2,31.2	not tested	X,Y	11,12	19,23
			not tested	not tested	not tested	7,9	9,11	18,19
CTTZA	<i>PowerPlex® 21</i>	2	11,15	17,21		14,15	12,12	8,10
			10,15		16,23	8,12	11,12	13,15
			14,16	31.2,31.2		X,Y	11,12	19,23
			9,12	11,18		7,9	9,11	18,19
DFGZDB	<i>PowerPlex® 16</i>	2				14,15	12	8,10
			10,15			8,12	11,12	13,15
				31.2		X,Y	11,12	19,23
			9,12	11,18		7,9	9,11	18,19
DKCQL8	<i>PowerPlex® 16</i>	2				14,15	12	8,10
			10,15			8,12	11,12	13,15
				31.2		X,Y	11,12	19,23
			9,12	11,18		7,9	9,11	18,19
DP7QWW	<i>Identifiler® Plus</i>	2		17,21		14,15	12,12	8,10
			10,15			8,12	11,12	13,15
			14,16	31.2,31.2		X,Y	11,12	19,23
						7,9	9,11	18,19
E9FZKZ	<i>Identifiler®</i>	2		17,21		14,15	12,12	8,10
			10,15			8,12	11,12	13,15
			14,16	31.2,31.2		X,Y	11,12	19,23
						7,9	9,11	18,19
EJD787	<i>PowerPlex® 16</i>	2				14,15	12	8,10
			10,15			8,12	11,12	13,15
				31.2		X,Y	11,12	19,23
			9,12	11,18		7,9	9,11	18,19
EMXMED	<i>Identifiler® Plus</i>	2		17,21		14,15	12,12	8,10
			10,15			8,12	11,12	13,15
			14,16	31.2,31.2		X,Y	11,12	19,23
						7,9	9,11	18,19
ENRNM3	<i>Identifiler® Plus</i>	2		17,21		14,15	12	8,10
			10,15			8,12	11,12	13,15
			14,16	31.2		X,Y	11,12	19,23
						7,9	9,11	18,19

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

EVNFVW	<i>Identifiler® Plus</i>							
	2		17,21		14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2,31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		
EW3XY3	<i>Identifiler®</i>							
	2		17,21		14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2,31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		
F36BDC	<i>Identifiler®</i>							
	2		17,21		14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2,31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		
F8JEDA	<i>Identifiler® Plus</i>							
	2		17,21		14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2,31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		
FAJEZ6	<i>PowerPlex® 16 HS, ESI 17 Pro</i>							
	2	11,15	17,21	10,11	14,15	12	8,10	
		10,15	13,16	16,23	8,12	11,12	13,15	
		14,16	31.2	15,16	X,Y	11,12	19,23	
		9,12	11,18	18,29.2	7,9	9,11	18,19	
FB2BQJ	<i>Identifiler®</i>							
	2		17,21		14,15	12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		
FG2VN9	<i>COfiler® and Profiler Plus® for D13 locus, PowerPlex® 16 HS</i>							
	2				14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
			31.2,31.2		X,Y	11,12	19,23	
	9,12	11,18		7,9	9,11	18,19		
FLY3FX	<i>Identifiler®</i>							
	2		17,21		14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2,31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		
FR9VG3	<i>Identifiler® Plus</i>							
	2		17,21		14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2,31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		

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

FZYJBK	PowerPlex® 16, HS						
	2				14,15	12,12	8,10
		10,15			8,12	11,12	13,15
			31.2,31.2		X,Y	11,12	19,23
		9,12	11,18		7,9	9,11	18,19
G2CX9Y	Identifiler® Plus						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
GN4PF3	Identifiler® Plus						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
GTDEMV	Identifiler® Plus						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
GY3M2G	Identifiler®, Identifiler Plus						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
H278DZ	Identifiler® Plus, PowerPlex® 16 HS, FUSION, NGMS						
	2	11,15	17,21	10,11	14,15	12	8,10
		10,15	13,16	16,23	8,12	11,12	13,15
		14,16	31.2	15,16	X,Y	11,12	19,23
		9,12	11,18	18,29.2	7,9	9,11	18,19
H8UM8Y	Identifiler®						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
HB9X84	PowerPlex® 18D						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
		9,12	11,18		7,9	9,11	18,19
HBA6G4	Identifiler®						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19

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

HDERWT	<i>Identifiler® Plus</i>							
	2		17,21		14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2,31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		
HKXJD2	<i>PowerPlex® PowerPlex®18D</i>							
	2		17,21		14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2,31.2		X,Y	11,12	19,23	
	9,12	11,18		7,9	9,11	18,19		
HNYNQL	<i>Identifiler®</i>							
	2	N/A	17,21	N/A	14,15	12,12	8,10	
		10,15	N/A	N/A	8,12	11,12	13,15	
		14,16	31.2,31.2	N/A	X,Y	11,12	19,23	
	N/A	N/A	N/A	7,9	9,11	18,19		
HRFL83	<i>Identifiler® Plus, PowerPlex® 16 HS, ESI 17</i>							
	2	11,15	17,21	10,11	14,15	12	8,10	
		10,15	13,16	16,23	8,12	11,12	13,15	
		14,16	31.2	15,16	X,Y	11,12	19,23	
	9,12	11,18	18,29.2	7,9	9,11	18,19		
HRHJTE	<i>COfiler® and Profiler Plus®</i>							
	2				14,15	12,12	8,10	
		10,15			8,12		13,15	
		31.2,31.2		X,Y		19,23		
						18,19		
HU9PCP	<i>Identifiler® Plus, PowerPlex® 16, MiniFiler</i>							
	2		17,21		14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2,31.2		X,Y	11,12	19,23	
	9,12	11,18		7,9	9,11	18,19		
HWPKYV	<i>Identifiler® Plus, MiniFiler</i>							
	2		17,21		14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
	14,16	31.2,31.2		X,Y	11,12	19,23		
				7,9	9,11	18,19		
J3CULY	<i>Identifiler® Plus</i>							
	2		17,21		14,15	12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		
J48DPK	<i>Identifiler® Plus</i>							
	2		17,21		14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2,31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		

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

J4PEGU	<i>Identifiler®</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
JCYN32	<i>PowerPlex® 16</i>						
	2				14,15	12	8,10
		10,15			8,12	11,12	13,15
			31.2		X,Y	11,12	19,23
		9,12	11,18		7,9	9,11	18,19
JGYUMY	<i>Identifiler®</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
JKEWG6	<i>Identifiler® Plus</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
JLR4Q6	<i>Identifiler® Direct</i>						
	2	11,15	17,21	10,11	14,15	12,12	8,10
		10,15	13,16	16,23	8,12	11,12	13,15
		14,16	31.2,31.2	15,16	X,Y	11,12	19,23
				18,29.2	7,9	9,11	18,19
JW6V7L	<i>PowerPlex® 21</i>						
	2	11,15	17,21	-	14,15	12,12	8,10
		10,15	-	16,23	8,12	11,12	13,15
		14,16	31.2,31.2	-	X,Y	11,12	19,23
		9,12	11,18	-	7,9	9,11	18,19
JYBN9D	<i>Identifiler® Plus</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
K9GF69	<i>Identifiler® , Identifiler Plus</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
KE3DVG	<i>PowerPlex® 16 and PowerPlex® 16 HS</i>						
	2				14,15	12,12	8,10
		10,15			8,12	11,12	13,15
			31.2,31.2		X,Y	11,12	19,23
		9,12	11,18		7,9	9,11	18,19

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

KEJZEC	<i>PowerPlex® Fusion</i>						
	2	11,15 10,15 14,16 9,12	17,21 13,16 31.2 11,18	10,11 16,23 15,16	14,15 8,12 X,Y 7,9	12 11,12 11,12 9,11	8,10 13,15 19,23 18,19
KFGXHZ	<i>Identifiler® Plus</i>						
	2	10,15 14,16	17,21 31.2,31.2		14,15 8,12 X,Y 7,9	12,12 11,12 11,12 9,11	8,10 13,15 19,23 18,19
KFT7DY	<i>Identifiler®</i>						
	2	10,15 14,16	17,21 31.2		14,15 8,12 X,Y 7,9	12 11,12 11,12 9,11	8,10 13,15 19,23 18,19
KL4M4V	<i>PowerPlex® Fusion, ESX 17</i>						
	2	11,15 10,15 14,16 9,12	17,21 13,16 31.2,31.2 11,18	10,11 16,23 15,16 18,29.2	14,15 8,12 X,Y 7,9	12,12 11,12 11,12 9,11	8,10 13,15 19,23 18,19
KMULZK	<i>Identifiler® Plus</i>						
	2	10,15 14,16	17,21 31.2,31.2		14,15 8,12 X,Y 7,9	12,12 11,12 11,12 9,11	8,10 13,15 19,23 18,19
KXETYA	<i>Identifiler® Plus</i>						
	2	10,15 14,16	17,21 31.2,31.2		14,15 8,12 X,Y 7,9	12,12 11,12 11,12 9,11	8,10 13,15 19,23 18,19
L7LG4F	<i>PowerPlex® 16 HS</i>						
	2	10,15 9,12	31.2,31.2 11,18		14,15 8,12 X,Y 7,9	12,12 11,12 11,12 9,11	8,10 13,15 19,23 18,19
LBYS63	<i>Identifiler® Direct, PowerPlex® ESX 17</i>						
	2	11,15 10,15 14,16	17,21 13,16 31.2,31.2	10,11 16,23 15,16 18,29.2	14,15 8,12 X,Y 7,9	12,12 11,12 11,12 9,11	8,10 13,15 19,23 18,19
LPZTUK	<i>PowerPlex® 16, 16 HS</i>						
	2	10,15 9,12	31.2,31.2 11,18		14,15 8,12 X,Y 7,9	12,12 11,12 11,12 9,11	8,10 13,15 19,23 18,19

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

LVMJH2	<i>Identifiler® , PowerPlex® 21, GlobalFiler</i>						
	2	11,15 10,15 14,16 9,12	17,21 13,16 31.2 11,18	10,11 16,23 15,16 18,29.2	14,15 8,12 X,Y 7,9	12 11,12 11,12 9,11	8,10 13,15 19,23 18,19
M4FDT4	<i>Identifiler® Identifiler Plus</i>						
	2	10,15 14,16	17,21 31.2,31.2		14,15 8,12 X,Y 7,9	12,12 11,12 11,12 9,11	8,10 13,15 19,23 18,19
M6P2RH	<i>Identifiler®</i>						
	2	N/A 10,15 14,16 N/A	17,21 N/A 31.2,31.2 N/A	N/A N/A N/A N/A	14,15 8,12 X,Y 7,9	12,12 11,12 11,12 9,11	8,10 13,15 19,23 18,19
M8TL43	<i>PowerPlex® Fusion</i>						
	2	11,15 10,15 14,16 9,12	17,21 13,16 31.2,31.2 11,18	10,11 16,23 15,16	14,15 8,12 X,Y 7,9	12,12 11,12 11,12 9,11	8,10 13,15 19,23 18,19
MD3CLV	<i>Identifiler® Plus</i>						
	2	10,15 14,16	17,21 31.2,31.2		14,15 8,12 X,Y 7,9	12,12 11,12 11,12 9,11	8,10 13,15 19,23 18,19
MJR2BR	<i>Identifiler® Plus</i>						
	2	10,15 14,16	17,21 31.2		14,15 8,12 X,Y 7,9	12 11,12 11,12 9,11	8,10 13,15 19,23 18,19
MK37MV	<i>Identifiler® Plus</i>						
	2	10,15 14,16	17,21 31.2		14,15 8,12 X,Y 7,9	12 11,12 11,12 9,11	8,10 13,15 19,23 18,19
MLXPQG	<i>Identifiler® Plus, MiniFiler</i>						
	2	10,15 14,16	17,21 31.2,31.2		14,15 8,12 X,Y 7,9	12,12 11,12 11,12 9,11	8,10 13,15 19,23 18,19
MVHLKB	<i>Identifiler® Plus</i>						
	2	10,15 14,16	17,21 31.2,31.2		14,15 8,12 X,Y 7,9	12,12 11,12 11,12 9,11	8,10 13,15 19,23 18,19

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

N2N3MN	Identifiler®	2	17,21		14,15	12,12	8,10	
			10,15		8,12	11,12	13,15	
			14,16	31.2,31.2	X,Y	11,12	19,23	
					7,9	9,11	18,19	
N6MTZB	PowerPlex® 16 HS	2			14,15	12,12	8,10	
			10,15		8,12	11,12	13,15	
				31.2,31.2	X,Y	11,12	19,23	
			9,12	11,18	7,9	9,11	18,19	
NFNN8Y	PowerPlex® 16	2			14,15	12	8,10	
			10,15		8,12	11,12	13,15	
				31.2	X,Y	11,12	19,23	
			9,12	11,18	7,9	9,11	18,19	
NJZYVM	Identifiler® Plus, MiniFiler	2	17,21		14,15	12,12	8,10	
			10,15		8,12	11,12	13,15	
			14,16	31.2,31.2	X,Y	11,12	19,23	
					7,9	9,11	18,19	
NRXGGQ	PowerPlex® PP21	2	11,15	17,21	14,15	12,12	8,10	
			10,15		16,23	8,12	11,12	13,15
			14,16	31.2,31.2	X,Y	11,12	19,23	
			9,12	11,18	7,9	9,11	18,19	
P2XGKH	Identifiler® Plus	2	17,21		14,15	12,12	8,10	
			10,15		8,12	11,12	13,15	
			14,16	31.2,31.2	X,Y	11,12	19,23	
					7,9	9,11	18,19	
P3CZ8Z	PowerPlex® FUSION	2	11,15	17,21	10,11	14,15	12	8,10
			10,15	13,16	16,23	8,12	11,12	13,15
			14,16	31.2	15,16	X,Y	11,12	19,23
			9,12	11,18	7,9	9,11	18,19	
P7F7Z9	Profiler Plus	2			14,15	12,12	8,10	
			10,15		8,12		13,15	
				31.2,31.2	X,Y		19,23	
							18,19	
PC3Q8U	PowerPlex® 18D	2	17,21		14,15	12,12	8,10	
			10,15		8,12	11,12	13,15	
			14,16	31.2,31.2	X,Y	11,12	19,23	
			9,12	11,18	7,9	9,11	18,19	

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

PE6R77	<i>Profiler Plus</i>						
	2				14,15	12,12	8,10
		10,15			8,12		13,15
			31.2,31.2		X,Y		19,23
							18,19
PJG8L3	<i>Identifiler®</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
PX2G2Z	<i>Identifiler® Plus</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
PX3PDK	<i>Identifiler® Plus</i>						
	2	-	17,21	-	14,15	12,12	8,10
		10,15	-	-	8,12	11,12	13,15
		14,16	31.2,31.2	-	X,Y	11,12	19,23
		-	-	-	7,9	9,11	18,19
QL2G99	<i>Identifiler®</i>						
	2		17,21		14,15	12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
QPMT27	<i>Identifiler® Plus</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
R69TAG	<i>PowerPlex® 16 HS</i>						
	2				14,15	12,12	8,10
		10,15			8,12	11,12	13,15
			31.2,31.2		X,Y	11,12	19,23
		9,12	11,18		7,9	9,11	18,19
RA7RQE	<i>Identifiler® Plus</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
RCAKMX	<i>Identifiler®</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19

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

RDQ4MH	PowerPlex® 16 HS	2			14,15	12,12	8,10
			10,15		8,12	11,12	13,15
				31.2,31.2	X,Y	11,12	19,23
			9,12	11,18	7,9	9,11	18,19
RTX3RF	Identifiler®	2	n/a	17,21	n/a	14,15	12,12
			10,15	n/a	n/a	8,12	11,12
			14,16	31.2,31.2	n/a	X,Y	11,12
			n/a	n/a	n/a	7,9	9,11
RUBAYV	Identifiler® Direct	2		17,21	14,15	12	8,10
			10,15		8,12	11,12	13,15
			14,16	31.2	X,Y	11,12	19,23
					7,9	9,11	18,19
RUX24W	Identifiler® Plus	2		17,21	14,15	12,12	8,10
			10,15		8,12	11,12	13,15
			14,16	31.2,31.2	X,Y	11,12	19,23
					7,9	9,11	18,19
RW2WMY	Identifiler® Plus	2		17,21	14,15	12,12	8,10
			10,15		8,12	11,12	13,15
			14,16	31.2,31.2	X,Y	11,12	19,23
					7,9	9,11	18,19
T6PA3P	Identifiler® Plus	2		17,21	14,15	12,12	8,10
			10,15		8,12	11,12	13,15
			14,16	31.2,31.2	X,Y	11,12	19,23
					7,9	9,11	18,19
TC4MRT	PowerPlex® 16	2			14,15	12	8,10
			10,15		8,12	11,12	13,15
				31.2	X,Y	11,12	19,23
			9,12	11,18	7,9	9,11	18,19
TC7M3A	Identifiler® Plus, PowerPlex® 16	2		17,21	14,15	12,12	8,10
			10,15		8,12	11,12	13,15
			14,16	31.2,31.2	X,Y	11,12	19,23
			9,12	11,18	7,9	9,11	18,19
TDHMY4	Identifiler® Plus	2		17,21	14,15	12,12	8,10
			10,15		8,12	11,12	13,15
			14,16	31.2,31.2	X,Y	11,12	19,23
					7,9	9,11	18,19

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

TF7JGM	<i>Identifiler® Plus</i>						
	2	17,21			14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
TQBGJ6	<i>Identifiler®</i>						
	2	17,21			14,15	12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
TRHVPB	<i>IDPlus, MiniFiler</i>						
	2	17,21			14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
TU939M	<i>Identifiler® Plus</i>						
	2	17,21			14,15	12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
TWWYRU	<i>Identifiler®</i>						
	2	17,21			14,15	12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
TXBQVP	<i>Identifiler®</i>						
	2	17,21			14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
U4P44M	<i>Identifiler® Plus</i>						
	2	17,21			14,15	12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
U7VL7P	<i>Identifiler® , PowerPlex® , NGM SElect</i>						
	2	11,15	17,21	10,11	14,15	12	8,10
		10,15	13,16	16,23	8,12	11,12	13,15
		14,16	31.2	15,16	X,Y	11,12	19,23
		9,12	11,18	18,29.2	7,9	9,11	18,19
UCK78J	<i>Identifiler® Plus</i>						
	2	17,21			14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19

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

UJ4YDW	<i>Identifiler® Plus</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
UNXQNE	<i>2 home made multiplexes</i>						
	2	11,15		10,11	14,15	12,12	8,10
		10,15	13,16	16,23	8,12	11,12	13,15
			31.2,31.2	15,16	X,Y		19,23
				18,29.2	7,9	9,11	18,19
UPDX8B	<i>Identifiler®</i>						
	2	N/A	17,21	N/A	14,15	12,12	8,10
		10,15	N/A	N/A	8,12	11,12	13,15
		14,16	31.2,31.2	N/A	X,Y	11,12	19,23
		N/A	N/A	N/A	7,9	9,11	18,19
UPTCFK	<i>PowerPlex® Fusion, ESI17 Pro</i>						
	2	11,15	17,21	10,11	14,15	12,12	8,10
		10,15	13,16	16,23	8,12	11,12	13,15
		14,16	31.2,31.2	15,16	X,Y	11,12	19,23
		9,12	11,18	18,29.2	7,9	9,11	18,19
UX8ZC8	<i>Identifiler® Plus</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
UXNR8P	<i>Identifiler®</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
V7AZZY	<i>Profiler Plus</i>						
	2				14,15	12,12	8,10
		10,15			8,12		13,15
			31.2,31.2		X,Y		19,23
							18,19
V8LAY4	<i>Identifiler®</i>						
	2	-	17,21	-	14,15	12	8,10
		10,15	-	-	8,12	11,12	13,15
		14,16	31.2	-	X,Y	11,12	19,23
		-	-	-	7,9	9,11	18,19
VB643W	<i>Identifiler®</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19

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

VCH4DT	<i>Identifiler® Plus</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
VQLZHT	<i>PowerPlex® 16</i>						
	2				14,15	12	8,10
		10,15			8,12	11,12	13,15
			31.2		X,Y	11,12	19,23
		9,12	11,18		7,9	9,11	18,19
VUJL6P	<i>Identifiler®</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
YYCKNQ	<i>PowerPlex® 16</i>						
	2				14,15	12	8,10
		10,15			8,12	11,12	13,15
			31.2		X,Y	11,12	19,23
		9,12	11,18		7,9	9,11	18,19
W2D6MB	<i>Identifiler® Direct</i>						
	2		17,21		14,15	12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
W2GZL4	<i>Identifiler® Plus</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
W443JH	<i>Identifiler®</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
W8JU9P	<i>PowerPlex® PowerPlex® 21</i>						
	2	11,15	17,21		14,15	12,12	8,10
		10,15		16,23	8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
		9,12	11,18		7,9	9,11	18,19
WDRP2K	<i>PowerPlex® FUSION, ESI 17</i>						
	2	11,15	17,21	10,11	14,15	12,12	8,10
		10,15	13,16	16,23	8,12	11,12	13,15
		14,16	31.2,31.2	15,16	X,Y	11,12	19,23
		9,12	11,18	18,29.2	7,9	9,11	18,19

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

WDYKX	<i>Identifiler® Plus</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
				7,9	9,11	18,19	
WFT7GF	<i>Identifiler® Plus</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
				7,9	9,11	18,19	
WNN9KD	<i>Identifiler® Plus</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
				7,9	9,11	18,19	
WWJ9Z6	<i>Identifiler®</i>						
	2		17,21		14,15	12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2		X,Y	11,12	19,23
				7,9	9,11	18,19	
WZ6H4J	<i>PowerPlex® Fusion, ES17</i>						
	2	11,15	17,21	10,11	14,15	12,12	8,10
		10,15	13,16	16,23	8,12	11,12	13,15
		14,16	31.2,31.2	15,16	X,Y	11,12	19,23
		9,12	11,18	18,29.2	7,9	9,11	18,19
X6QX7V	<i>Profiler Plus</i>						
	2				14,15	12,12	8,10
		10,15			8,12		13,15
			31.2,31.2		X,Y		19,23
						18,19	
X8FET4	<i>Identifiler®</i>						
	2		17,21		14,15	12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2		X,Y	11,12	19,23
				7,9	9,11	18,19	
XCDNTQ	<i>Identifiler® Plus</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
				7,9	9,11	18,19	
XCTD8H	<i>Identifiler® Plus</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
				7,9	9,11	18,19	

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

XG4VDK	<i>Identifiler® Plus</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
				7,9	9,11		18,19
XLYP9Z	<i>COfiler® and Profiler Plus®, Identifiler® Plus</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
				7,9	9,11		18,19
XLZJUR	<i>Identifiler® Plus</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
				7,9	9,11		18,19
XZVFYN	<i>Identifiler® Direct</i>						
	2		17,21		14,15	12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2		X,Y	11,12	19,23
				7,9	9,11		18,19
Y4VCEP	<i>Identifiler® Plus</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
				7,9	9,11		18,19
Y4VE39	<i>Identifiler® Plus, PowerPlex® 16</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
		9,12	11,18		7,9	9,11	18,19
Y4YLYF	<i>Identifiler®</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
				7,9	9,11		18,19
Y66JFX	<i>COfiler® and Profiler Plus®</i>						
	2				14,15	12,12	8,10
		10,15			8,12		13,15
			31.2,31.2		X,Y		19,23
							18,19
Y68LAN	<i>COfiler® and Profiler Plus®, PowerPlex® 16 HS</i>						
	2				14,15	12,12	8,10
		10,15			8,12	11,12	13,15
			31.2,31.2		X,Y	11,12	19,23
		9,12	11,18		7,9	9,11	18,19

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

YFRKV8	<i>Identifiler®</i>						
	2	N/A	17,21	N/A	14,15	12,12	8,10
		10,15	N/A	N/A	8,12	11,12	13,15
		14,16	31.2,31.2	N/A	X,Y	11,12	19,23
		N/A	N/A	N/A	7,9	9,11	18,19
YK3329	<i>Identifiler® Plus</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
YRKCRP	<i>PowerPlex® Fusion</i>						
	2	11,15	17,21	10,11	14,15	12	8,10
		10,15	13,16	16,23	8,12	11,12	13,15
		14,16	31.2	15,16	X,Y	11,12	19,23
		9,12	11,18		7,9	9,11	18,19
YTE6KN	<i>Identifiler® Direct</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
YU7NH3	<i>Identifiler® Plus</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
YUB966	<i>Identifiler® Direct</i>						
	2		17,21		14,15	12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
YVY9V7	<i>Identifiler® Plus</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
YZT7KX	<i>PowerPlex® Fusion Direct</i>						
	2	11,15	17,21	10,11	14,15	12	8,10
		10,15	13,16	16,23	8,12	11,12	13,15
		14,16	31.2	15,16	X,Y	11,12	19,23
		9,12	11,18		7,9	9,11	18,19
Z24X4K	<i>PowerPlex® PowerPlex® 18D</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
		9,12	11,18		7,9	9,11	18,19

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

ZETYG7	<i>Identifiler® Plus</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
ZKZ4UZ	<i>PowerPlex® 16, HS</i>						
	2				14,15	12,12	8,10
		10,15			8,12	11,12	13,15
			31.2,31.2		X,Y	11,12	19,23
		9,12	11,18		7,9	9,11	18,19
ZPQ9CN	<i>PowerPlex® 16</i>						
	2				14,15	12	8,10
		10,15			8,12	11,12	13,15
			31.2		X,Y	11,12	19,23
		9,12	11,18		7,9	9,11	18,19
ZU4QRJ	<i>Identifiler®</i>						
	2		17,21		14,15	12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
ZYD9PC	<i>Identifiler® Plus</i>						
	2	-	17,21	-	14,15	12,12	8,10
		10,15	-	-	8,12	11,12	13,15
		14,16	31.2,31.2	-	X,Y	11,12	19,23
		-	-	-	7,9	9,11	18,19
ZZUFXF	<i>Identifiler® Plus</i>						
	2		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19

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

2BLYL	<i>Identifiler®</i>	3	19,21		15,17	10,12	8,10	
			13,14		11	10,11	14,16	
			13	30,32.2		X	12	21,22
						7,8	8,11	16,17
2CMWMG	<i>Identifiler®</i>	3	19,21		15,17	10,12	8,10	
			13,14		11,11	10,11	14,16	
			13,13	30,32.2		X,X	12,12	21,22
						7,8	8,11	16,17
2FF3YX	<i>Investigator ESSPlex Plus</i>	3	14,18.3	19,21	12	15,17		
			13,14	12,14	18,19		10,11	14,16
			13	30,32.2	11,16		X	21,22
							7,8	16,17
2NVE6Q	<i>Identifiler® Plus</i>	3	19,21		15,17	10,12	8,10	
			13,14		11,11	10,11	14,16	
			13,13	30,32.2		X,X	12,12	21,22
						7,8	8,11	16,17
2T4869	<i>Identifiler® Plus</i>	3	19,21		15,17	10,12	8,10	
			13,14		11,11	10,11	14,16	
			13,13	30,32.2		X,X	12,12	21,22
						7,8	8,11	16,17
34YX3L	<i>Identifiler® Plus</i>	3	19,21		15,17	10,12	8,10	
			13,14		11,11	10,11	14,16	
			13,13	30,32.2		X,X	12,12	21,22
						7,8	8,11	16,17
3864ZF	<i>Identifiler® Plus</i>	3	19,21		15,17	10,12	8,10	
			13,14		11	10,11	14,16	
			13	30,32.2		X	12	21,22
						7,8	8,11	16,17
3A8NLE	<i>Qiagen Investigator IDplex Plus Kit</i>	3	19,21		15,17	10,12	8,10	
			13,14		11,11	10,11	14,16	
			13,13	30,32.2		X,X	12,12	21,22
						7,8	8,11	16,17
3BKXGD	<i>Identifiler® Plus</i>	3	19,21		15,17	10,12	8,10	
			13,14		11	10,11	14,16	
			13	30,32.2		X	12	21,22
						7,8	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

3JVMAY	PowerPlex® PowerPlex® 16, PowerPlex® 16 HS						
	3				15,17	10,12	8,10
		13,14			11,11	10,11	14,16
			30,32.2		X,X	12,12	21,22
		5,8	10,13		7,8	8,11	16,17
3PNPFJ	Identifiler®						
	3		19,21		15,17	10,12	8,10
		13,14			11	10,11	14,16
		13	30,32.2		X	12	21,22
					7,8	8,11	16,17
3V8TKZ	Identifiler® Plus						
	3		19,21		15,17	10,12	8,10
		13,14			11	10,11	14,16
		13	30,32.2		X,X	12	21,22
					7,8	8,11	16,17
42U394	PowerPlex® PP16						
	3				15,17	10,12	8,10
		13,14			11,11	10,11	14,16
			30,32.2		X,X	12,12	21,22
		5,8	10,13		7,8	8,11	16,17
46CU4J	Identifiler®						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
49TMCK	Identifiler® Plus						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
49URX2	Identifiler® Plus						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
4A6V8J	Identifiler®						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
4DMLNV	Identifiler® & ID+						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	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

4J8EMT	<i>Identifiler® Plus</i>	3	19,21		15,17	10,12	8,10	
			13,14		11,11	10,11	14,16	
			13,13	30,32.2		X,X	12,12	21,22
						7,8	8,11	16,17
4MAHQV	<i>PowerPlex® 16</i>	3			15,17	10,12	8,10	
			13,14		11,11	10,11	14,16	
				30,32.2		X,X	12,12	21,22
			5,8	10,13		7,8	8,11	16,17
4R4EEM	<i>Identifiler® Plus</i>	3	19,21		15,17	10,12	8,10	
			13,14		11,11	10,11	14,16	
			13,13	30,32.2		X,X	12,12	21,22
						7,8	8,11	16,17
4TFQ2B	<i>PowerPlex® Fusion</i>	3	14,18.3	19,21	12	15,17	10,12	8,10
			13,14	12,14	18,19	11	10,11	14,16
			13	30,32.2	11,16	X	12	21,22
			5,8	10,13		7,8	8,11	16,17
68V7K2	<i>Identifiler® Plus</i>	3	19,21		15,17	10,12	8,10	
			13,14		11,11	10,11	14,16	
			13,13	30,32.2		X,X	12,12	21,22
						7,8	8,11	16,17
68WQ63	<i>PowerPlex® 16 HS</i>	3			15,17	10,12	8,10	
			13,14		11,11	10,11	14,16	
				30,32.2		X,X	12,12	21,22
			5,8	10,13		7,8	8,11	16,17
6LBWCV	<i>Identifiler® , Identifiler Plus</i>	3	19,21		15,17	10,12	8,10	
			13,14		11,11	10,11	14,16	
			13,13	30,32.2		X,X	12,12	21,22
						7,8	8,11	16,17
6LEFYX	<i>Identifiler® Plus</i>	3	-	19,21	-	15,17	10,12	8,10
			13,14	-	-	11	10,11	14,16
			13	30,32.2	-	X,X	12	21,22
			-	-	-	7,8	8,11	16,17
6RNGK2	<i>Identifiler®</i>	3	N/A	19,21	N/A	15,17	10,12	8,10
			13,14	N/A	N/A	11,11	10,11	14,16
			13,13	30,32.2	N/A	X,X	12,12	21,22
			N/A	N/A	N/A	7,8	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

6TYRK8	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
6YL6EM	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
72N288	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
76KQNE	<i>Identifiler®</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
7LT3BK	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
7ZRLVB	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11	10,11	14,16
		13	30,32.2		X	12	21,22
					7,8	8,11	16,17
83BM7V	<i>Identifiler® Plus</i>						
	3	-	19,21	-	15,17	10,12	8,10
		13,14	-	-	11	10,11	14,16
		13	30,32.2	-	X,X	12	21,22
		-	-	-	7,8	8,11	16,17
8DCNQ8	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11	10,11	14,16
		13	30,32.2		X	12	21,22
					7,8	8,11	16,17
8H3VB2	<i>Identifiler® Plus, MiniFiler</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	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

8U4QMY	Identifiler®	3	N/A	19,21	N/A	15,17	10,12	8,10
			13,14	N/A	N/A	11,11	10,11	14,16
			13,13	30,32.2	N/A	X,X	12,12	21,22
			N/A	N/A	N/A	7,8	8,11	16,17
8YUX8R	PowerPlex® 16	3				15,17	10,12	8,10
			13,14			11,11	10,11	14,16
				30,32.2		X,X	12,12	21,22
			5,8	10,13		7,8	8,11	16,17
943E3E	PowerPlex® 16	3				15,17	10,12	8,10
			13,14			11	10,11	14,16
				30,32.2		X	12	21,22
			5,8	10,13		7,8	8,11	16,17
96HQM6	Identifiler® Plus	3		19,21		15,17	10,12	8,10
			13,14			11	10,11	14,16
			13	30,32.2		X	12	21,22
						7,8	8,11	16,17
96XL26	PowerPlex® Fusion, ESX17	3	14,18.3	19,21	12,12	15,17	10,12	8,10
			13,14	12,14	18,19	11,11	10,11	14,16
			13,13	30,32.2	11,16	X,X	12,12	21,22
			5,8	10,13	16,29.2	7,8	8,11	16,17
97QPZY	Identifiler® Plus	3		19,21		15,17	10,12	8,10
			13,14			11,11	10,11	14,16
			13,13	30,32.2		X,X	12,12	21,22
						7,8	8,11	16,17
9GNT28	Identifiler® Plus	3		19,21		15,17	10,12	8,10
			13,14			11	10,11	14,16
			13	30,32.2		X	12	21,22
						7,8	8,11	16,17
9KAZEW	Identifiler®	3		19,21		15,17	10,12	8,10
			13,14			11	10,11	14,16
			13	30,32.2		X	12	21,22
						7,8	8,11	16,17
9QDE87	Identifiler® Plus	3		19,21		15,17	10,12	8,10
			13,14			11	10,11	14,16
			13	30,32.2		X	12	21,22
						7,8	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

9Z36RD	<i>Identifiler®</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
9ZHNEV	<i>Identifiler® Plus, MiniFiler</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
AF9QTE	<i>COfiler® and Profiler Plus®</i>						
	3				15,17	10,12	8,10
		13,14			11,11	10,11	14,16
			30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
BAGZLA	<i>Identifiler®</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
BAZP8B	<i>Identifiler®</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
BKK7L3	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
BTFJTC	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
BWGXMA	<i>PowerPlex® 16</i>						
	3				15,17	10,12	8,10
		13,14			11	10,11	14,16
			30,32.2		X	12	21,22
		5,8	10,13		7,8	8,11	16,17
BYXMMD	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	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
Item 3							
BZF274	<i>PowerPlex® Fusion, ESI 17</i>						
	3	14,18.3	19,21	12,12	15,17	10,12	8,10
		13,14	12,14	18,19	11,11	10,11	14,16
		13,13	30,32.2	11,16	X,X	12,12	21,22
		5,8	10,13	16,29.2	7,8	8,11	16,17
C3XKND	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
C7HCXU	<i>Identifiler®</i>						
	3	N/A	19,21	N/A	15,17	10,12	8,10
		13,14	N/A	N/A	11,11	10,11	14,16
		13,13	30,32.2	N/A	X,X	12,12	21,22
		N/A	N/A	N/A	7,8	8,11	16,17
C7JUQ4	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
CF3DZ3	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11	10,11	14,16
		13	30,32.2		X	12	21,22
					7,8	8,11	16,17
CGYTCY	<i>Identifiler® Plus, MiniFiler</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
CKVHT7	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11	10,11	14,16
		13	30,32.2		X	12	21,22
					7,8	8,11	16,17
CLQ2WT	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
CMJR38	<i>Identifiler®</i>						
	3	not tested	19,21	not tested	15,17	10,12	8,10
		13,14	not tested	not tested	11,11	10,11	14,16
		13,13	30,32.2	not tested	X,X	12,12	21,22
		not tested	not tested	not tested	7,8	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

CTTZA	<i>PowerPlex® 21</i>						
	3	14,18.3	19,21		15,17	10,12	8,10
		13,14		18,19	11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
	5,8	10,13		7,8	8,11	16,17	
DFGZDB	<i>PowerPlex® 16</i>						
	3				15,17	10,12	8,10
		13,14			11	10,11	14,16
			30,32.2		X	12	21,22
	5,8	10,13		7,8	8,11	16,17	
DKCQL8	<i>PowerPlex® 16</i>						
	3				15,17	10,12	8,10
		13,14			11	10,11	14,16
			30,32.2		X	12	21,22
	5,8	10,13		7,8	8,11	16,17	
DP7QWW	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
				7,8	8,11	16,17	
E9FZKZ	<i>Identifiler® , MiniFiler, SGM Plus (34 cycles)</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
				7,8	8,11	16,17	
EJD787	<i>PowerPlex® 16</i>						
	3				15,17	10,12	8,10
		13,14			11	10,11	14,16
			30,32.2		X	12	21,22
	5,8	10,13		7,8	8,11	16,17	
EMXMED	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
				7,8	8,11	16,17	
ENRNM3	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11	10,11	14,16
		13	30,32.2		X	12	21,22
				7,8	8,11	16,17	
EVNFVW	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
				7,8	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

EW3XY3	<i>Identifiler®</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
				7,8	8,11	16,17	
F8JEDA	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
				7,8	8,11	16,17	
FAJEZ6	<i>PowerPlex® 16 HS, ESI 17 Pro</i>						
	3	14,18.3	19,21	12	15,17	10,12	8,10
		13,14	12,14	18,19	11	10,11	14,16
		13	30,32.2	11,16	X	12	21,22
		5,8	10,13	16,29.2	7,8	8,11	16,17
FG2VN9	<i>COfiler® and Profiler Plus®</i>						
	3				15,17	10,12	8,10
		13,14			11,11	10,11	14,16
			30,32.2		X,X	12,12	21,22
				7,8	8,11	16,17	
FLY3FX	<i>Identifiler®</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
				7,8	8,11	16,17	
FR9VG3	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
				7,8	8,11	16,17	
FZYJBK	<i>PowerPlex® 16, HS</i>						
	3				15,17	10,12	8,10
		13,14			11,11	10,11	14,16
			30,32.2		X,X	12,12	21,22
	5,8	10,13		7,8	8,11	16,17	
G2CX9Y	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
				7,8	8,11	16,17	
GN4PF3	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
				7,8	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
Item 3							
GTDEMV	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
GY3M2G	<i>Identifiler® , Identifiler Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
H278DZ	<i>Identifiler® Plus, PowerPlex® FUSION, 16 HS, NGMS</i>						
	3	14,18.3	19,21	12	15,17	10,12	8,10
		13,14	12,14	18,19	11	10,11	14,16
		13	30,32.2	11,16	X	12	21,22
		5,8	10,13	16,29.2	7,8	8,11	16,17
H8UM8Y	<i>Identifiler®</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
HBA6G4	<i>Identifiler®</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
HDERWT	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
HNYNQL	<i>Identifiler®</i>						
	3	N/A	19,21	N/A	15,17	10,12	8,10
		13,14	N/A	N/A	11,11	10,11	14,16
		13,13	30,32.2	N/A	X,X	12,12	21,22
		N/A	N/A	N/A	7,8	8,11	16,17
HRFL83	<i>Identifiler® Plus, PowerPlex® 16 HS, ESI 17</i>						
	3	14,18.3	19,21	12	15,17	10,12	8,10
		13,14	12,14	18,19	11	10,11	14,16
		13	30,32.2	11,16	X	12	21,22
		5,8	10,13	16,29.2	7,8	8,11	16,17
HRHJTE	<i>COfiler® and Profiler Plus®</i>						
	3				15,17	10,12	8,10
		13,14			11,11		14,16
			30,32.2		X,X		21,22
							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

HU9PCP	<i>Identifiler® Plus, PowerPlex® 16, MiniFiler</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
		5,8	10,13		7,8	8,11	16,17
HWPKYV	<i>Identifiler® Plus, MiniFiler</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
J3CULY	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11	10,11	14,16
		13	30,32.2		X	12	21,22
					7,8	8,11	16,17
J48DPK	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
J4PEGU	<i>Identifiler®</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
JCYN32	<i>PowerPlex® 16</i>						
	3				15,17	10,12	8,10
		13,14			11	10,11	14,16
			30,32.2		X	12	21,22
		5,8	10,13		7,8	8,11	16,17
JGYUMY	<i>Identifiler®</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
JKEWG6	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
JLR4Q6	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	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
Item 3							
JW6V7L	PowerPlex® 21						
	3	14,18.3	19,21	-	15,17	10,12	8,10
		13,14	-	18,19	11,11	10,11	14,16
		13,13	30,32.2	-	X,X	12,12	21,22
		5,8	10,13	-	7,8	8,11	16,17
JYBN9D	Identifiler® Plus						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
K9GF69	Identifiler®, Identifiler Plus						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
KE3DVG	PowerPlex® 16 and PowerPlex® 16 HS						
	3				15,17	10,12	8,10
		13,14			11,11	10,11	14,16
			30,32.2		X,X	12,12	21,22
		5,8	10,13		7,8	8,11	16,17
KEJZEC	PowerPlex® Fusion						
	3	14,18.3	19,21	12	15,17	10,12	8,10
		13,14	12,14	18,19	11	10,11	14,16
		13	30,32.2	11,16	X	12	21,22
		5,8	10,13		7,8	8,11	16,17
KFGXHZ	Identifiler® Plus						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
KL4M4V	PowerPlex® Fusion, ESX 17						
	3	14,18.3	19,21	12,12	15,17	10,12	8,10
		13,14	12,14	18,19	11,11	10,11	14,16
		13,13	30,32.2	11,16	X,X	12,12	21,22
		5,8	10,13	16,29.2	7,8	8,11	16,17
KMULZK	Identifiler® Plus						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
KXETYA	Identifiler® Plus						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	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

LBXR63	<i>Identifiler® Plus</i>							
	3		19,21		15,17	10,12	8,10	
		13,14			11,11	10,11	14,16	
		13,13	30,32.2		X,X	12,12	21,22	
				7,8	8,11	16,17		
LPZTUK	<i>PowerPlex® 16, 16 HS</i>							
	3				15,17	10,12	8,10	
		13,14			11,11	10,11	14,16	
			30,32.2		X,X	12,12	21,22	
	5,8	10,13		7,8	8,11	16,17		
LVMJH2	<i>Identifiler® , PowerPlex® , GlobalFiler</i>							
	3	14,18.3	19,21	12	15,17	10,12	8,10	
		13,14	12,14	18,19	11	10,11	14,16	
		13	30,32.2	11,16	X	12	21,22	
	5,8	10,13	16,29.2	7,8	8,11	16,17		
M4FDT4	<i>Identifiler® Identifiler Plus</i>							
	3		19,21		15,17	10,12	8,10	
		13,14			11,11	10,11	14,16	
		13,13	30,32.2		X,X	12,12	21,22	
				7,8	8,11	16,17		
M6P2RH	<i>Identifiler®</i>							
	3	N/A	19,21	N/A	15,17	10,12	8,10	
		13,14	N/A	N/A	11,11	10,11	14,16	
		13,13	30,32.2	N/A	X,X	12,12	21,22	
	N/A	N/A	N/A	7,8	8,11	16,17		
M8TL43	<i>PowerPlex® Fusion</i>							
	3	14,18.3	19,21	12,12	15,17	10,12	8,10	
		13,14	12,14	18,19	11,11	10,11	14,16	
		13,13	30,32.2	11,16	X,X	12,12	21,22	
	5,8	10,13		7,8	8,11	16,17		
MD3CLV	<i>Identifiler® Plus</i>							
	3		19,21		15,17	10,12	8,10	
		13,14			11,11	10,11	14,16	
		13,13	30,32.2		X,X	12,12	21,22	
				7,8	8,11	16,17		
MJR2BR	<i>Identifiler® Plus</i>							
	3		19,21		15,17	10,12	8,10	
		13,14			11	10,11	14,16	
		13	30,32.2		X	12	21,22	
				7,8	8,11	16,17		
MK37MV	<i>Identifiler® Plus</i>							
	3		19,21		15,17	10,12	8,10	
		13,14			11	10,11	14,16	
		13	30,32.2		X	12	21,22	
				7,8	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

MLXPQG	<i>Identifiler® Plus, MiniFiler</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
				7,8	8,11	16,17	
MVHLKB	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
				7,8	8,11	16,17	
N2N3MN	<i>Identifiler® , MiniFiler, SGMPlus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
				7,8	8,11	16,17	
N6MTZB	<i>PowerPlex® 16 HS</i>						
	3				15,17	10,12	8,10
		13,14			11,11	10,11	14,16
			30,32.2		X,X	12,12	21,22
	5,8	10,13		7,8	8,11	16,17	
NFNN8Y	<i>PowerPlex® 16</i>						
	3				15,17	10,12	8,10
		13,14			11	10,11	14,16
			30,32.2		X	12	21,22
	5,8	10,13		7,8	8,11	16,17	
NJZYVM	<i>Identifiler® Plus, MiniFiler</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
				7,8	8,11	16,17	
NRXGGQ	<i>PowerPlex® PP21</i>						
	3	14,18.3	19,21		15,17	10,12	8,10
		13,14		18,19	11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
	5,8	10,13		7,8	8,11	16,17	
P2XGKH	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
				7,8	8,11	16,17	
P3CZ8Z	<i>PowerPlex® FUSION</i>						
	3	14,18.3	19,21	12	15,17	10,12	8,10
		13,14	12,14	18,19	11	10,11	14,16
		13	30,32.2	11,16	X	12	21,22
	5,8	10,13		7,8	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
Item 3							
P7F7Z9	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
PE6R77	<i>Profiler Plus</i>						
	3				15,17	10,12	8,10
		13,14			11,11		14,16
			30,32.2		X,X		21,22
							16,17
PX2G2Z	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
PX3PDK	<i>Identifiler® Plus</i>						
	3	-	19,21	-	15,17	10,12	8,10
		13,14	-	-	11,11	10,11	14,16
		13,13	30,32.2	-	X,X	12,12	21,22
		-	-	-	7,8	8,11	16,17
QPMT27	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
R69TAG	<i>PowerPlex® 16 HS</i>						
	3				15,17	10,12	8,10
		13,14			11,11	10,11	14,16
			30,32.2		X,X	12,12	21,22
		5,8	10,13		7,8	8,11	16,17
RA7RQE	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
RDQ4MH	<i>PowerPlex® 16 HS</i>						
	3				15,17	10,12	8,10
		13,14			11,11	10,11	14,16
			30,32.2		X,X	12,12	21,22
		5,8	10,13		7,8	8,11	16,17
RTX3RF	<i>Identifiler®</i>						
	3	n/a	19,21	n/a	15,17	10,12	8,10
		13,14	n/a	n/a	11,11	10,11	14,16
		13,13	30,32.2	n/a	X,X	12,12	21,22
		n/a	n/a	n/a	7,8	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

RUX24W	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
RW2WMY	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
T6PA3P	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
TC4MRT	<i>PowerPlex® 16</i>						
	3				15,17	10,12	8,10
		13,14			11	10,11	14,16
			30,32.2		X	12	21,22
		5,8	10,13		7,8	8,11	16,17
TDHMY4	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
TF7JGM	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
TQBGJ6	<i>Identifiler®</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11	10,11	14,16
		13	30,32.2		X	12	21,22
					7,8	8,11	16,17
TRHVPB	<i>IDPlus and MiniFiler</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
TU939M	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11	10,11	14,16
		13	30,32.2		X	12	21,22
					7,8	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

TWWYRU	<i>Identifiler®</i>	3	19,21		15,17	10,12	8,10	
			13,14		11	10,11	14,16	
			13	30,32.2		X	12	21,22
						7,8	8,11	16,17
TXBQVP	<i>Identifiler®</i>	3	19,21		15,17	10,12	8,10	
			13,14		11,11	10,11	14,16	
			13,13	30,32.2		X,X	12,12	21,22
						7,8	8,11	16,17
U4P44M	<i>Identifiler® Plus</i>	3	19,21		15,17	10,12	8,10	
			13,14		11	10,11	14,16	
			13	30,32.2		X	12	21,22
						7,8	8,11	16,17
U7VL7P	<i>Identifiler® , PowerPlex® , NGM SElect</i>	3	14,18.3	19,21	12	15,17	10,12	8,10
			13,14	12,14	18,19	11	10,11	14,16
			13	30,32.2	11,16	X	12	21,22
			5,8	10,13	16,29.2	7,8	8,11	16,17
UCK78J	<i>Identifiler® Plus</i>	3	19,21		15,17	10,12	8,10	
			13,14		11,11	10,11	14,16	
			13,13	30,32.2		X,X	12,12	21,22
						7,8	8,11	16,17
UJ4YDW	<i>Identifiler® Plus</i>	3	19,21		15,17	10,12	8,10	
			13,14		11,11	10,11	14,16	
			13,13	30,32.2		X,X	12,12	21,22
						7,8	8,11	16,17
UNXQNE	<i>2 home made multiplexes</i>	3	14,18.3		12,12	15,17	10,12	8,10
			13,14	12,14	18,19	11,11	10,11	14,16
				30,32.2	11,16	X,X		21,22
					16,29.2	7,8	8,11	16,17
UPDX8B	<i>Identifiler®</i>	3	N/A	19,21	N/A	15,17	10,12	8,10
			13,14	N/A	N/A	11,11	10,11	14,16
			13,13	30,32.2	N/A	X,X	12,12	21,22
			N/A	N/A	N/A	7,8	8,11	16,17
UPTCFK	<i>PowerPlex® Fusion, ESI17 Pro</i>	3	14,18.3	19,21	12,12	15,17	10,12	8,10
			13,14	12,14	18,19	11,11	10,11	14,16
			13,13	30,32.2	11,16	X,X	12,12	21,22
			5,8	10,13	16,29.2	7,8	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

UX8ZC8	<i>Identifiler® Plus</i>	3	19,21		15,17	10,12	8,10	
			13,14		11,11	10,11	14,16	
			13,13	30,32.2	X,X	12,12	21,22	
					7,8	8,11	16,17	
V7AZZY	<i>Identifiler®</i>	3	19,21		15,17	10,12	8,10	
			13,14		11,11	10,11	14,16	
			13,13	30,32.2	X,X	12,12	21,22	
					7,8	8,11	16,17	
VCH4DT	<i>Identifiler® Plus</i>	3	19,21		15,17	10,12	8,10	
			13,14		11,11	10,11	14,16	
			13,13	30,32.2	X,X	12,12	21,22	
					7,8	8,11	16,17	
YYCKNQ	<i>PowerPlex® 16</i>	3			15,17	10,12	8,10	
			13,14		11	10,11	14,16	
				30,32.2	X	12	21,22	
			5,8	10,13	7,8	8,11	16,17	
W2GZL4	<i>Identifiler® Plus</i>	3	19,21		15,17	10,12	8,10	
			13,14		11,11	10,11	14,16	
			13,13	30,32.2	X,X	12,12	21,22	
					7,8	8,11	16,17	
W443JH	<i>Identifiler®</i>	3	19,21		15,17	10,12	8,10	
			13,14		11,11	10,11	14,16	
			13,13	30,32.2	X,X	12,12	21,22	
					7,8	8,11	16,17	
W8JU9P	<i>PowerPlex® PowerPlex® 21</i>	3	14,18.3	19,21	15,17	10,12	8,10	
			13,14		18,19	11,11	10,11	14,16
			13,13	30,32.2	X,X	12,12	21,22	
			5,8	10,13	7,8	8,11	16,17	
WDRP2K	<i>PowerPlex® FUSION, ESI 17</i>	3	14,18.3	19,21	12,12	15,17	10,12	8,10
			13,14	12,14	18,19	11,11	10,11	14,16
			13,13	30,32.2	11,16	X,X	12,12	21,22
			5,8	10,13	16,29.2	7,8	8,11	16,17
WDRYKH	<i>Identifiler® Plus</i>	3	19,21		15,17	10,12	8,10	
			13,14		11,11	10,11	14,16	
			13,13	30,32.2	X,X	12,12	21,22	
					7,8	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

WFT7GF	<i>Identifiler® Plus</i>	3	19,21		15,17	10,12	8,10	
			13,14		11,11	10,11	14,16	
			13,13	30,32.2		X,X	12,12	21,22
						7,8	8,11	16,17
WNN9KD	<i>Identifiler® Plus</i>	3	19,21		15,17	10,12	8,10	
			13,14		11,11	10,11	14,16	
			13,13	30,32.2		X,X	12,12	21,22
						7,8	8,11	16,17
WZ6H4J	<i>PowerPlex® Fusion, ESI17</i>	3	14,18.3	19,21	12,12	15,17	10,12	8,10
			13,14	12,14	18,19	11,11	10,11	14,16
			13,13	30,32.2	11,16	X,X	12,12	21,22
			5,8	10,13	16,29.2	7,8	8,11	16,17
X6QX7V	<i>Profiler Plus</i>	3			15,17	10,12	8,10	
			13,14		11,11		14,16	
				30,32.2		X,X		21,22
								16,17
XCDNTQ	<i>Identifiler® Plus</i>	3	19,21		15,17	10,12	8,10	
			13,14		11,11	10,11	14,16	
			13,13	30,32.2		X,X	12,12	21,22
						7,8	8,11	16,17
XCTD8H	<i>Identifiler® Plus</i>	3	19,21		15,17	10,12	8,10	
			13,14		11,11	10,11	14,16	
			13,13	30,32.2		X,X	12,12	21,22
						7,8	8,11	16,17
XG4VDK	<i>Identifiler® Plus</i>	3	19,21		15,17	10,12	8,10	
			13,14		11,11	10,11	14,16	
			13,13	30,32.2		X,X	12,12	21,22
						7,8	8,11	16,17
XLYP9Z	<i>COfiler® and Profiler Plus®, Identifiler® Plus</i>	3	19,21		15,17	10,12	8,10	
			13,14		11,11	10,11	14,16	
			13,13	30,32.2		X,X	12,12	21,22
						7,8	8,11	16,17
XLZJUR	<i>Identifiler® Plus</i>	3	19,21		15,17	10,12	8,10	
			13,14		11,11	10,11	14,16	
			13,13	30,32.2		X,X	12,12	21,22
						7,8	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

Y4VCEP	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
Y4VE39	<i>Identifiler® Plus, PowerPlex® 16</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
		5,8	10,13		7,8	8,11	16,17
Y4YLYF	<i>Identifiler®</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
Y66JFX	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
Y68LAN	<i>COfiler® and Profiler Plus®</i>						
	3				15,17	10,12	8,10
		13,14			11,11	10,11	14,16
			30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
YFRKV8	<i>Identifiler®</i>						
	3	N/A	19,21	N/A	15,17	10,12	8,10
		13,14	N/A	N/A	11,11	10,11	14,16
		13,13	30,32.2	N/A	X,X	12,12	21,22
		N/A	N/A	N/A	7,8	8,11	16,17
YK3329	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
YRKCRP	<i>PowerPlex® Fusion</i>						
	3	14,18.3	19,21	12	15,17	10,12	8,10
		13,14	12,14	18,19	11	10,11	14,16
		13	30,32.2	11,16	X	12	21,22
		5,8	10,13		7,8	8,11	16,17
YU7NH3	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	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

YUB966	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11	10,11	14,16
		13	30,32.2		X,X	12	21,22
					7,8	8,11	16,17
YVY9V7	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
YZT7KX	<i>COfiler® and Profiler Plus®</i>						
	3				15,17	10,12	8,10
		13,14			11	10,11	14,16
			30,32.2		X,X	12	21,22
					7,8	8,11	16,17
ZETYG7	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	8,11	16,17
ZKZ4UZ	<i>PowerPlex® 16, HS</i>						
	3				15,17	10,12	8,10
		13,14			11,11	10,11	14,16
			30,32.2		X,X	12,12	21,22
		5,8	10,13		7,8	8,11	16,17
ZPQ9CN	<i>PowerPlex® 16</i>						
	3				15,17	10,12	8,10
		13,14			11	10,11	14,16
			30,32.2		X	12	21,22
		5,8	10,13		7,8	8,11	16,17
ZYD9PC	<i>Identifiler® Plus</i>						
	3	-	19,21	-	15,17	10,12	8,10
		13,14	-	-	11,11	10,11	14,16
		13,13	30,32.2	-	X,X	12,12	21,22
		-	-	-	7,8	8,11	16,17
ZZUFXF	<i>Identifiler® Plus</i>						
	3		19,21		15,17	10,12	8,10
		13,14			11,11	10,11	14,16
		13,13	30,32.2		X,X	12,12	21,22
					7,8	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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2BLYYL	<i>Identifiler®</i>						
	4		17,21		14,15	12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
2CMWVG	<i>Identifiler®</i>						
	4		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
2FF3YX	<i>Investigator ESSPlex Plus</i>						
	4	11,15	17,21	10,11	14,15		
		10,15	13,16	16,23		11,12	13,15
		14,16	31.2	15,16	X,Y		19,23
					7,9		18,19
2NVE6Q	<i>Identifiler® Plus</i>						
	4		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
2T4869	<i>Identifiler® Plus</i>						
	4		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
34YX3L	<i>Identifiler® Plus</i>						
	4		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
3864ZF	<i>Identifiler® Plus</i>						
	4		17,21		14,15	12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
3A8NLE	<i>Qiagen Investigator IDplex Plus Kit</i>						
	4		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
3BKXGD	<i>Identifiler® Plus</i>						
	4		17,21		14,15	12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2		X,Y	11,12	19,23
					7,9	9,11	18,19

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

3JVMAY	PowerPlex® PowerPlex® 16, PowerPlex® 16 HS						
	4				14,15	12,12	8,10
		10,15			8,12	11,12	13,15
			31.2,31.2		X,Y	11,12	19,23
		9,12	11,18		7,9	9,11	18,19
3PNPFJ	Identifiler®						
	4		17,21		14,15	12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
3V8TKZ	Identifiler® Plus						
	4		17,21		14,15	12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
42U394	PowerPlex® PP16						
	4				14,15	12,12	8,10
		10,15			8,12	11,12	13,15
			31.2,31.2		X,Y	11,12	19,23
		9,12	11,18		7,9	9,11	18,19
46CU4J	Identifiler®						
	4		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
49TMCK	Identifiler® Plus						
	4		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
49URX2	Identifiler® Plus						
	4		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
4A6V8J	Identifiler®						
	4		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
4DMLNV	Identifiler® & ID+						
	4		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19

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

4J8EMT	Identifiler® Plus	4	17,21		14,15	12,12	8,10	
			10,15		8,12	11,12	13,15	
			14,16	31.2,31.2		X,Y	11,12	19,23
						7,9	9,11	18,19
4MAHQV	PowerPlex® 16	4			14,15	12,12	8,10	
			10,15		8,12	11,12	13,15	
				31.2,31.2		X,Y	11,12	19,23
			9,12	11,18		7,9	9,11	18,19
4R4EEM	Identifiler® Plus	4	17,21		14,15	12,12	8,10	
			10,15		8,12	11,12	13,15	
			14,16	31.2,31.2		X,Y	11,12	19,23
						7,9	9,11	18,19
4TFQ2B	PowerPlex® Fusion	4	11,15	17,21	10,11	14,15	12	8,10
			10,15	13,16	16,23	8,12	11,12	13,15
			14,16	31.2	15,16	X,Y	11,12	19,23
			9,12	11,18		7,9	9,11	18,19
68V7K2	Identifiler® Plus	4	17,21		14,15	12,12	8,10	
			10,15		8,12	11,12	13,15	
			14,16	31.2,31.2		X,Y	11,12	19,23
						7,9	9,11	18,19
68WQ63	PowerPlex® 16 HS	4			14,15	12,12	8,10	
			10,15		8,12	11,12	13,15	
				31.2,31.2		X,Y	11,12	19,23
			9,12	11,18		7,9	9,11	18,19
6LBWCV	Identifiler®, Identifiler Plus	4	17,21		14,15	12,12	8,10	
			10,15		8,12	11,12	13,15	
			14,16	31.2,31.2		X,Y	11,12	19,23
						7,9	9,11	18,19
6LEFYX	Identifiler® Plus	4	-	17,21	-	14,15	12	8,10
			10,15	-	-	8,12	11,12	13,15
			14,16	31.2	-	X,Y	11,12	19,23
			-	-	-	7,9	9,11	18,19
6RNGK2	Identifiler®	4	N/A	17,21	N/A	14,15	12,12	8,10
			10,15	N/A	N/A	8,12	11,12	13,15
			14,16	31.2,31.2	N/A	X,Y	11,12	19,23
			N/A	N/A	N/A	7,9	9,11	18,19

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

6TYRK8	<i>Identifiler® Plus</i>						
	4	17,21			14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
6YL6EM	<i>Identifiler® Plus</i>						
	4	17,21			14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
72N288	<i>Identifiler® Plus</i>						
	4	17,21			14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
76KQNE	<i>Identifiler®</i>						
	4	17,21			14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
7LT3BK	<i>Identifiler® Plus</i>						
	4	17,21			14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
7ZRLVB	<i>Identifiler® Plus</i>						
	4	17,21			14,15	12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
83BM7V	<i>Identifiler® Plus</i>						
	4	-	17,21	-	14,15	12	8,10
		10,15	-	-	8,12	11,12	13,15
		14,16	31.2	-	X,Y	11,12	19,23
		-	-	-	7,9	9,11	18,19
8DCNQ8	<i>Identifiler® Plus</i>						
	4	17,21			14,15	12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
8H3VB2	<i>Identifiler® Plus, MiniFiler</i>						
	4	17,21			14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19

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

8U4QMY	<i>Identifiler®</i>	4	N/A	17,21	N/A	14,15	12,12	8,10
			10,15	N/A	N/A	8,12	11,12	13,15
			14,16	31.2,31.2	N/A	X,Y	11,12	19,23
			N/A	N/A	N/A	7,9	9,11	18,19
8YUX8R	<i>PowerPlex® 16</i>	4			14,15	12,12	8,10	
			10,15		8,12	11,12	13,15	
				31.2,31.2	X,Y	11,12	19,23	
			9,12	11,18	7,9	9,11	18,19	
943E3E	<i>PowerPlex® 16</i>	4			14,15	12	8,10	
			10,15		8,12	11,12	13,15	
				31.2	X,Y	11,12	19,23	
			9,12	11,18	7,9	9,11	18,19	
96HQM6	<i>Identifiler® Plus</i>	4		17,21	14,15	12	8,10	
			10,15		8,12	11,12	13,15	
			14,16	31.2	X,Y	11,12	19,23	
					7,9	9,11	18,19	
96XL26	<i>PowerPlex® Fusion, ESX17</i>	4	11,15	17,21	10,11	14,15	12,12	8,10
			10,15	13,16	16,23	8,12	11,12	13,15
			14,16	31.2,31.2	15,16	X,Y	11,12	19,23
			9,12	11,18	18,29.2	7,9	9,11	18,19
97QPZY	<i>Identifiler® Plus</i>	4		17,21	14,15	12,12	8,10	
			10,15		8,12	11,12	13,15	
			14,16	31.2,31.2	X,Y	11,12	19,23	
					7,9	9,11	18,19	
9GNT28	<i>Identifiler® Plus</i>	4		17,21	14,15	12	8,10	
			10,15		8,12	11,12	13,15	
			14,16	31.2	X,Y	11,12	19,23	
					7,9	9,11	18,19	
9KAZEW	<i>Identifiler®</i>	4		17,21	14,15	12	8,10	
			10,15		8,12	11,12	13,15	
			14,16	31.2	X,Y	11,12	19,23	
					7,9	9,11	18,19	
9QDE87	<i>Identifiler® Plus</i>	4		17,21	14,15	12	8,10	
			10,15		8,12	11,12	13,15	
			14,16	31.2	X,Y	11,12	19,23	
					7,9	9,11	18,19	

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

9Z36RD	<i>Identifiler®</i>						
	4		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
				7,9	9,11	18,19	
9ZHNEV	<i>Identifiler® Plus, MiniFiler</i>						
	4		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
				7,9	9,11	18,19	
AF9QTE	<i>COfiler® and Profiler Plus®</i>						
	4				14,15	12,12	8,10
		10,15			8,12	11,12	13,15
			31.2,31.2		X,Y	11,12	19,23
				7,9	9,11	18,19	
BAGZLA	<i>Identifiler®</i>						
	4		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
				7,9	9,11	18,19	
BAZP8B	<i>Identifiler®</i>						
	4		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
				7,9	9,11	18,19	
BKK7L3	<i>Identifiler® Plus</i>						
	4		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
				7,9	9,11	18,19	
BTFJTC	<i>Identifiler® Plus</i>						
	4		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
				7,9	9,11	18,19	
BWGXMA	<i>PowerPlex® 16</i>						
	4				14,15	12	8,10
		10,15			8,12	11,12	13,15
			31.2		X,Y	11,12	19,23
		9,12	11,18	7,9	9,11	18,19	
BYXMMD	<i>Identifiler® Plus</i>						
	4		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
				7,9	9,11	18,19	

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

BZF274	<i>PowerPlex® Fusion, ESI 17</i>						
	4	11,15 10,15 14,16 9,12	17,21 13,16 31.2,31.2 11,18	10,11 16,23 15,16 18,29.2	14,15 8,12 X,Y 7,9	12,12 11,12 11,12 9,11	8,10 13,15 19,23 18,19
C3XKND	<i>Identifiler® Plus</i>						
	4	10,15 14,16	17,21 31.2,31.2		14,15 8,12 X,Y 7,9	12,12 11,12 11,12 9,11	8,10 13,15 19,23 18,19
C7HCXU	<i>Identifiler®</i>						
	4	N/A 10,15 14,16 N/A	17,21 N/A 31.2,31.2 N/A	N/A N/A N/A N/A	14,15 8,12 X,Y 7,9	12,12 11,12 11,12 9,11	8,10 13,15 19,23 18,19
C7JUQ4	<i>Identifiler® Plus</i>						
	4	10,15 14,16	17,21 31.2,31.2		14,15 8,12 X,Y 7,9	12,12 11,12 11,12 9,11	8,10 13,15 19,23 18,19
CF3DZ3	<i>Identifiler® Plus</i>						
	4	10,15 14,16	17,21 31.2		14,15 8,12 X,Y 7,9	12 11,12 11,12 9,11	8,10 13,15 19,23 18,19
CGYTCY	<i>Identifiler® Plus</i>						
	4	10,15 14,16	17,21 31.2,31.2		14,15 8,12 X,Y 7,9	12,12 11,12 11,12 9,11	8,10 13,15 19,23 18,19
CKVHT7	<i>Identifiler® Plus</i>						
	4	10,15 14,16	17,21 31.2		14,15 8,12 X,Y 7,9	12 11,12 11,12 9,11	8,10 13,15 19,23 18,19
CLQ2WT	<i>Identifiler® Plus</i>						
	4	10,15 14,16	17,21 31.2,31.2		14,15 8,12 X,Y 7,9	12,12 11,12 11,12 9,11	8,10 13,15 19,23 18,19
CMJR38	<i>Identifiler®</i>						
	4	not tested 10,15 14,16 not tested	17,21 not tested 31.2,31.2 not tested	not tested not tested not tested not tested	14,15 8,12 X,Y 7,9	12,12 11,12 11,12 9,11	8,10 13,15 19,23 18,19

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

CTTZA	<i>PowerPlex® 21</i>							
	4	11,15	17,21		14,15	12,12	8,10	
		10,15		16,23	8,12	11,12	13,15	
		14,16	31.2,31.2		X,Y	11,12	19,23	
	9,12	11,18		7,9	9,11	18,19		
DFGZDB	<i>PowerPlex® 16</i>							
	4				14,15	12	8,10	
		10,15			8,12	11,12	13,15	
			31.2		X,Y	11,12	19,23	
	9,12	11,18		7,9	9,11	18,19		
DKCQL8	<i>PowerPlex® 16</i>							
	4				14,15	12	8,10	
		10,15			8,12	11,12	13,15	
			31.2		X,Y	11,12	19,23	
	9,12	11,18		7,9	9,11	18,19		
DP7QWW	<i>Identifiler® Plus</i>							
	4		17,21		14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2,31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		
E9FZKZ	<i>Identifiler® , MiniFiler, SGM Plus (34 cycles)</i>							
	4		17,21		14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2,31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		
EJD787	<i>PowerPlex® 16</i>							
	4				14,15	12	8,10	
		10,15			8,12	11,12	13,15	
			31.2		X,Y	11,12	19,23	
	9,12	11,18		7,9	9,11	18,19		
EMXMED	<i>Identifiler® Plus</i>							
	4		17,21		14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2,31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		
ENRNM3	<i>Identifiler®</i>							
	4		17,21		14,15	12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		
EVNFVW	<i>Identifiler® Plus</i>							
	4		17,21		14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2,31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		

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

EW3XY3	<i>Identifiler®</i>							
	4		17,21		14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2,31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		
F8JEDA	<i>Identifiler® Plus</i>							
	4		17,21		14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2,31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		
FAJEZ6	<i>PowerPlex® 16 HS, ESI 17 Pro</i>							
	4	11,15	17,21	10,11	14,15	12	8,10	
		10,15	13,16	16,23	8,12	11,12	13,15	
		14,16	31.2	15,16	X,Y	11,12	19,23	
		9,12	11,18	18,29.2	7,9	9,11	18,19	
FG2VN9	<i>COfiler® and Profiler Plus®</i>							
	4				14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
			31.2,31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		
FLY3FX	<i>Identifiler®</i>							
	4		17,21		14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2,31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		
FR9VG3	<i>Identifiler® Plus</i>							
	4		17,21		14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2,31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		
FZYJBK	<i>PowerPlex® 16, HS</i>							
	4				14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
			31.2,31.2		X,Y	11,12	19,23	
	9,12	11,18		7,9	9,11	18,19		
G2CX9Y	<i>Identifiler® Plus</i>							
	4		17,21		14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2,31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		
GN4PF3	<i>Identifiler® Plus</i>							
	4		17,21		14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2,31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		

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

GTDEMV	<i>Identifiler® Plus</i>						
	4		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
				7,9	9,11		18,19
GY3M2G	<i>Identifiler® , Identifiler Plus</i>						
	4		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
				7,9	9,11		18,19
H278DZ	<i>Identifiler® Plus, PowerPlex® 16 HS, FUSION, NGMS</i>						
	4	11,15	17,21	10,11	14,15	12	8,10
		10,15	13,16	16,23	8,12	11,12	13,15
		14,16	31.2	15,16	X,Y	11,12	19,23
	9,12	11,18	18,29.2	7,9	9,11		18,19
H8UM8Y	<i>Identifiler®</i>						
	4		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
				7,9	9,11		18,19
HBA6G4	<i>Identifiler®</i>						
	4		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
				7,9	9,11		18,19
HDERWT	<i>Identifiler® Plus</i>						
	4		17,21		14,15	12	8,10
		10,15,(16)			8,12	11,12	13,15
		14,16	31.2		X,Y	11,12	19,23
				7,9	9,11		18,19
HNYNQL	<i>Identifiler®</i>						
	4	N/A	17,21	N/A	14,15	12,12	8,10
		10,15	N/A	N/A	8,12	11,12	13,15
		14,16	31.2,31.2	N/A	X,Y	11,12	19,23
	N/A	N/A	N/A	7,9	9,11		18,19
HRFL83	<i>Identifiler® Plus, PowerPlex® 16 HS, ESI 17</i>						
	4	11,15	17,21	10,11	14,15	12	8,10
		10,15	13,16	16,23	8,12	11,12	13,15
		14,16	31.2	15,16	X,Y	11,12	19,23
	9,12	11,18	18,29.2	7,9	9,11		18,19
HRHJTE	<i>COfiler® and Profiler Plus®</i>						
	4				14,15	12,12	8,10
		10,15			8,12		13,15
			31.2,31.2		X,Y		19,23
							18,19

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

HU9PCP	<i>Identifiler® Plus, PowerPlex® 16, MiniFiler</i>						
	4	17,21			14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
		9,12	11,18		7,9	9,11	18,19
HWPKYV	<i>Identifiler® Plus, MiniFiler</i>						
	4	17,21			14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
J3CULY	<i>Identifiler® Plus</i>						
	4	17,21			14,15	12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
J48DPK	<i>Identifiler® Plus</i>						
	4	17,21			14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
J4PEGU	<i>Identifiler®</i>						
	4	17,21			14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
JCYN32	<i>PowerPlex® 16</i>						
	4				14,15	12	8,10
		10,15			8,12	11,12	13,15
			31.2		X,Y	11,12	19,23
		9,12	11,18		7,9	9,11	18,19
JGYUMY	<i>Identifiler®</i>						
	4	17,21			14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
JKEWG6	<i>Identifiler® Plus</i>						
	4	17,21			14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
JLR4Q6	<i>Identifiler® Plus</i>						
	4	17,21			14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19

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

JW6V7L	PowerPlex® 21	4	11,15	17,21	-	14,15	12,12	8,10
			10,15	-	16,23	8,12	11,12	13,15
			14,16	31.2,31.2	-	X,Y	11,12	19,23
			9,12	11,18	-	7,9	9,11	18,19
JYBN9D	Identifiler® Plus	4		17,21		14,15	12,12	8,10
			10,15			8,12	11,12	13,15
			14,16	31.2,31.2		X,Y	11,12	19,23
						7,9	9,11	18,19
K9GF69	Identifiler® , Identifiler Plus	4		17,21		14,15	12,12	8,10
			10,15			8,12	11,12	13,15
			14,16	31.2,31.2		X,Y	11,12	19,23
						7,9	9,11	18,19
KE3DVG	PowerPlex® 16 and PowerPlex® 16 HS	4				14,15	12,12	8,10
			10,15			8,12	11,12	13,15
				31.2,31.2		X,Y	11,12	19,23
			9,12	11,18		7,9	9,11	18,19
KEJZEC	PowerPlex® fusion	4	11,15	17,21	10,11	14,15	12	8,10
			10,15	13,16	16,23	8,12	11,12	13,15
			14,16	31.2	15,16	X,Y	11,12	19,23
			9,12	11,18		7,9	9,11	18,19
KFGXHZ	Identifiler® Plus	4		17,21		14,15	12,12	8,10
			10,15			8,12	11,12	13,15
			14,16	31.2,31.2		X,Y	11,12	19,23
						7,9	9,11	18,19
KL4M4V	PowerPlex® Fusion, ESX 17	4	11,15	17,21	10,11	14,15	12,12	8,10
			10,15	13,16	16,23	8,12	11,12	13,15
			14,16	31.2,31.2	15,16	X,Y	11,12	19,23
			9,12	11,18	18,29.2	7,9	9,11	18,19
KMULZK	Identifiler® Plus	4		17,21		14,15	12,12	8,10
			10,15			8,12	11,12	13,15
			14,16	31.2,31.2		X,Y	11,12	19,23
						7,9	9,11	18,19
KXETYA	Identifiler® Plus	4		17,21		14,15	12,12	8,10
			10,15			8,12	11,12	13,15
			14,16	31.2,31.2		X,Y	11,12	19,23
						7,9	9,11	18,19

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

LBXR63	<i>Identifiler® Plus</i>							
	4		17,21		14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2,31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		
LPZTUK	<i>PowerPlex® 16, 16 HS</i>							
	4				14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
			31.2,31.2		X,Y	11,12	19,23	
	9,12	11,18		7,9	9,11	18,19		
LVMJH2	<i>Identifiler®, PowerPlex® PowerPlex®21, GlobalFiler</i>							
	4	11,15	17,21	10,11	14,15	12	8,10	
		10,15	13,16	16,23	8,12	11,12	13,15	
		14,16	31.2	15,16	X,Y	11,12	19,23	
	9,12	11,18	18,29.2	7,9	9,11	18,19		
M4FDT4	<i>Identifiler® Identifiler Plus</i>							
	4		17,21		14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2,31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		
M6P2RH	<i>Identifiler®</i>							
	4	N/A	17,21	N/A	14,15	12,12	8,10	
		10,15	N/A	N/A	8,12	11,12	13,15	
		14,16	31.2,31.2	N/A	X,Y	11,12	19,23	
	N/A	N/A	N/A	7,9	9,11	18,19		
M8TL43	<i>PowerPlex® Fusion</i>							
	4	11,15	17,21	10,11	14,15	12,12	8,10	
		10,15	13,16	16,23	8,12	11,12	13,15	
		14,16	31.2,31.2	15,16	X,Y	11,12	19,23	
	9,12	11,18		7,9	9,11	18,19		
MD3CLV	<i>Identifiler® Plus</i>							
	4		17,21		14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2,31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		
MJR2BR	<i>Identifiler® Plus</i>							
	4		17,21		14,15	12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		
MK37MV	<i>Identifiler® Plus</i>							
	4		17,21		14,15	12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		

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

MLXPQG	<i>Identifiler® Plus, MiniFiler</i>							
	4		17,21		14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2,31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		
MVHLKB	<i>Identifiler® Plus</i>							
	4		17,21		14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2,31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		
N2N3MN	<i>Identifiler® , MiniFiler, SGMPlus</i>							
	4		17,21		14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2,31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		
N6MTZB	<i>PowerPlex® 16 HS</i>							
	4				14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
			31.2,31.2		X,Y	11,12	19,23	
	9,12	11,18		7,9	9,11	18,19		
NFNN8Y	<i>PowerPlex® 16</i>							
	4				14,15	12	8,10	
		10,15			8,12	11,12	13,15	
			31.2		X,Y	11,12	19,23	
	9,12	11,18		7,9	9,11	18,19		
NJZYVM	<i>Identifiler® Plus, MiniFiler</i>							
	4		17,21		14,15	12	8,10	
		10,15,(16)			8,12	11,12	13,15	
		14,16	31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		
NRXGGQ	<i>PowerPlex® PP21</i>							
	4	11,15	17,21		14,15	12,12	8,10	
		10,15		16,23	8,12	11,12	13,15	
		14,16	31.2,31.2		X,Y	11,12	19,23	
	9,12	11,18		7,9	9,11	18,19		
P2XGKH	<i>Identifiler® Plus</i>							
	4		17,21		14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2,31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		
P3CZ8Z	<i>PowerPlex® FUSION</i>							
	4	11,15	17,21	10,11	14,15	12	8,10	
		10,15	13,16	16,23	8,12	11,12	13,15	
		14,16	31.2	15,16	X,Y	11,12	19,23	
	9,12	11,18		7,9	9,11	18,19		

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
Item 4							
P7F7Z9	<i>Identifiler® Plus</i>						
	4		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
PE6R77	<i>Profiler Plus</i>						
	4				14,15	12,12	8,10
		10,15			8,12		13,15
			31.2,31.2		X,Y		19,23
							18,19
PX2G2Z	<i>Identifiler® Plus</i>						
	4		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
PX3PDK	<i>Identifiler® Plus</i>						
	4	-	17,21	-	14,15	12,12	8,10
		10,15	-	-	8,12	11,12	13,15
		14,16	31.2,31.2	-	X,Y	11,12	19,23
		-	-	-	7,9	9,11	18,19
QPMT27	<i>Identifiler® Plus</i>						
	4		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
R69TAG	<i>PowerPlex® 16 HS</i>						
	4				14,15	12,12	8,10
		10,15			8,12	11,12	13,15
			31.2,31.2		X,Y	11,12	19,23
		9,12	11,18		7,9	9,11	18,19
RA7RQE	<i>Identifiler® Plus</i>						
	4		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
RDQ4MH	<i>PowerPlex® 16 HS</i>						
	4				14,15	12,12	8,10
		10,15			8,12	11,12	13,15
			31.2,31.2		X,Y	11,12	19,23
		9,12	11,18		7,9	9,11	18,19
RTX3RF	<i>Identifiler®</i>						
	4	n/a	17,21	n/a	14,15	12,12	8,10
		10,15	n/a	n/a	8,12	11,12	13,15
		14,16	31.2,31.2	n/a	X,Y	11,12	19,23
		n/a	n/a	n/a	7,9	9,11	18,19

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

RUX24W	<i>Identifiler® Plus</i>						
	4		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
				7,9	9,11	18,19	
RW2WMY	<i>Identifiler® Plus</i>						
	4		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
				7,9	9,11	18,19	
T6PA3P	<i>Identifiler® Plus</i>						
	4		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
				7,9	9,11	18,19	
TC4MRT	<i>PowerPlex® 16</i>						
	4				14,15	12	8,10
		10,15			8,12	11,12	13,15
			31.2		X,Y	11,12	19,23
	9,12	11,18		7,9	9,11	18,19	
TDHMY4	<i>Identifiler® Plus</i>						
	4		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
				7,9	9,11	18,19	
TF7JGM	<i>Identifiler® Plus</i>						
	4		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
				7,9	9,11	18,19	
TQBGJ6	<i>Identifiler®</i>						
	4		17,21		14,15	12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2		X,Y	11,12	19,23
				7,9	9,11	18,19	
TRHVPB	<i>IDPlus and MiniFiler</i>						
	4		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
				7,9	9,11	18,19	
TU939M	<i>Identifiler® Plus</i>						
	4		17,21		14,15	12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2		X,Y	11,12	19,23
				7,9	9,11	18,19	

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

TWWYRU	Identifiler®	4	17,21		14,15	12	8,10	
			10,15		8,12	11,12	13,15	
			14,16	31.2	X,Y	11,12	19,23	
					7,9	9,11	18,19	
TXBQVP	Identifiler®	4	17,21		14,15	12,12	8,10	
			10,15		8,12	11,12	13,15	
			14,16	31.2,31.2	X,Y	11,12	19,23	
					7,9	9,11	18,19	
U4P44M	Identifiler® Plus	4	17,21		14,15	12	8,10	
			10,15		8,12	11,12	13,15	
			14,16	31.2	X,Y	11,12	19,23	
					7,9	9,11	18,19	
U7VL7P	Identifiler® , PowerPlex® , NGM SElect	4	11,15	17,21	10,11	14,15	12	8,10
			10,15	13,16	16,23	8,12	11,12	13,15
			14,16	31.2	15,16	X,Y	11,12	19,23
			9,12	11,18	18,29.3	7,9	9,11	18,19
UCK78J	Identifiler® Plus	4	17,21		14,15	12,12	8,10	
			10,15		8,12	11,12	13,15	
			14,16	31.2,31.2	X,Y	11,12	19,23	
					7,9	9,11	18,19	
UJ4YDW	Identifiler® Plus	4	17,21		14,15	12,12	8,10	
			10,15		8,12	11,12	13,15	
			14,16	31.2,31.2	X,Y	11,12	19,23	
					7,9	9,11	18,19	
UNXQNE	2 home made multiplexes	4	11,15		10,11	14,15	12,12	8,10
			10,15	13,16	16,23	8,12	11,12	13,15
				31.2,31.2	15,16	X,Y		19,23
					18,29.2	7,9	9,11	18,19
UPDX8B	Identifiler®	4	N/A	17,21	N/A	14,15	12,12	8,10
			10,15	N/A	N/A	8,12	11,12	13,15
			14,16	31.2,31.2	N/A	X,Y	11,12	19,23
			N/A	N/A	N/A	7,9	9,11	18,19
UPTCFK	PowerPlex® Fusion, ES117 Pro	4	11,15	17,21	10,11	14,15	12,12	8,10
			10,15	13,16	16,23	8,12	11,12	13,15
			14,16	31.2,31.2	15,16	X,Y	11,12	19,23
			9,12	11,18	18,29.2	7,9	9,11	18,19

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

UX8ZC8	<i>Identifiler® Plus</i>						
	4		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y 7,9	11,12 9,11	19,23 18,19
V7AZZY	<i>Identifiler®</i>						
	4		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y 7,9	11,12 9,11	19,23 18,19
VCH4DT	<i>Identifiler® Plus</i>						
	4		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y 7,9	11,12 9,11	19,23 18,19
YYCKNQ	<i>PowerPlex® 16</i>						
	4				14,15	12	8,10
		10,15			8,12	11,12	13,15
			31.2		X,Y	11,12	19,23
	9,12	11,18		7,9	9,11	18,19	
W2GZL4	<i>Identifiler® Plus</i>						
	4		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y 7,9	11,12 9,11	19,23 18,19
W443JH	<i>Identifiler®</i>						
	4		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y 7,9	11,12 9,11	19,23 18,19
W8JU9P	<i>PowerPlex® PowerPlex® 21</i>						
	4	11,15	17,21		14,15	12,12	8,10
		10,15		16,23	8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
	9,12	11,18		7,9	9,11	18,19	
WDRP2K	<i>PowerPlex® FUSION, ESI 17</i>						
	4	11,15	17,21	10,11	14,15	12,12	8,10
		10,15	13,16	16,23	8,12	11,12	13,15
		14,16	31.2,31.2	15,16	X,Y	11,12	19,23
	9,12	11,18	18,29.2	7,9	9,11	18,19	
WDRYKH	<i>Identifiler® Plus</i>						
	4		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y 7,9	11,12 9,11	19,23 18,19

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

WFT7GF	<i>Identifiler® Plus</i>							
	4		17,21		14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2,31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		
WNN9KD	<i>Identifiler® Plus</i>							
	4		17,21		14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2,31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		
WZ6H4J	<i>PowerPlex® Fusion, ES17</i>							
	4	11,15	17,21	10,11	14,15	12,12	8,10	
		10,15	13,16	16,23	8,12	11,12	13,15	
		14,16	31.2,31.2	15,16	X,Y	11,12	19,23	
	9,12	11,18	18,29.2	7,9	9,11	18,19		
X6QX7V	<i>Profiler Plus</i>							
	4				14,15	12,12	8,10	
		10,15			8,12		13,15	
			31.2,31.2		X,Y		19,23	
						18,19		
XCDNTQ	<i>Identifiler® Plus</i>							
	4		17,21		14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2,31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		
XCTD8H	<i>Identifiler® Plus</i>							
	4		17,21		14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2,31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		
XG4VDK	<i>Identifiler® Plus</i>							
	4		17,21		14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2,31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		
XLYP9Z	<i>COfiler® and Profiler Plus®, Identifiler® Plus</i>							
	4		17,21		14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2,31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		
XLZJUR	<i>Identifiler® Plus</i>							
	4		17,21		14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2,31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		

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

Y4VCEP	<i>Identifiler® Plus</i>							
	4		17,21		14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2,31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		
Y4VE39	<i>Identifiler® Plus, PowerPlex® 16</i>							
	4		17,21		14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2,31.2		X,Y	11,12	19,23	
	9,12	11,18		7,9	9,11	18,19		
Y4YLYF	<i>Identifiler®</i>							
	4		17,21		14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2,31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		
Y66JFX	<i>Identifiler® Plus</i>							
	4		17,21		14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2,31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		
Y68LAN	<i>COfiler® and Profiler Plus®</i>							
	4				14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
			31.2,31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		
YFRKV8	<i>Identifiler®</i>							
	4	N/A	17,21	N/A	14,15	12,12	8,10	
		10,15	N/A	N/A	8,12	11,12	13,15	
		14,16	31.2,31.2	N/A	X,Y	11,12	19,23	
	N/A	N/A	N/A	7,9	9,11	18,19		
YK3329	<i>Identifiler® Plus</i>							
	4		17,21		14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2,31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		
YRKCRP	<i>PowerPlex® Fusion</i>							
	4	11,15	17,21	10,11	14,15	12	8,10	
		10,15	13,16	16,23	8,12	11,12	13,15	
		14,16	31.2	15,16	X,Y	11,12	19,23	
	9,12	11,18		7,9	9,11	18,19		
YU7NH3	<i>Identifiler® Plus</i>							
	4		17,21		14,15	12,12	8,10	
		10,15			8,12	11,12	13,15	
		14,16	31.2,31.2		X,Y	11,12	19,23	
				7,9	9,11	18,19		

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

YUB966	<i>Identifiler® Plus</i>						
	4		17,21		14,15	12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
YVY9V7	<i>Identifiler® Plus</i>						
	4		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
YZT7KX	<i>COfiler® and Profiler Plus®</i>						
	4				14,15	12	8,10
		10,15			8,12	11,12	13,15
			31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
ZETYG7	<i>Identifiler® Plus</i>						
	4		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19
ZKZ4UZ	<i>PowerPlex® 16, HS</i>						
	4				14,15	12,12	8,10
		10,15			8,12	11,12	13,15
			31.2,31.2		X,Y	11,12	19,23
		9,12	11,18		7,9	9,11	18,19
ZPQ9CN	<i>PowerPlex® 16</i>						
	4				14,15	12	8,10
		10,15			8,12	11,12	13,15
			31.2		X,Y	11,12	19,23
		9,12	11,18		7,9	9,11	18,19
ZYD9PC	<i>Identifiler® Plus</i>						
	4	-	17,21	-	14,15	12,12	8,10
		10,15	-	-	8,12	11,12	13,15
		14,16	31.2,31.2	-	X,Y	11,12	19,23
		-	-	-	7,9	9,11	18,19
ZZUFXF	<i>Identifiler® Plus</i>						
	4		17,21		14,15	12,12	8,10
		10,15			8,12	11,12	13,15
		14,16	31.2,31.2		X,Y	11,12	19,23
					7,9	9,11	18,19

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										
6LEFYX	Yfiler®									
	1	-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	
83BM7V	Yfiler®									
	1	-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	
96XL26	PowerPlex® Y 23									
	1									
9KAZEW	Yfiler®									
	1	NA	NA	NA	NA	NA	NA	NA	NA	
		NA	NA	NA	NA	NA	NA			
					NA		NA			
9WK3PD	Yfiler®									
	1	NR	NR	NR	NR	NR	NR	NR	NR	
		NR	NR	NR	NR	NR	NR			
					NR		NR			
A847MK	Yfiler®									
	1	NR	NR	NR	NR	NR	NR	NR	NR	
		NR	NR	NR	NR	NR	NR			
					NR		NR			
B9P62L	Global Filer Express									
	1									
BAGZLA	Yfiler®									
	1									
BKK7L3	Yfiler®									
	1									
BWGXMA	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									
C7JUQ4	Yfiler® 1								
DKCQL8	Yfiler® 1	NR NR	NR NR	NR NR	NR NR NR	NR NR	NR NR NR	NR	NR
EW3XY3	Yfiler® 1								
JCYN32	Yfiler® 1	NR NR	NR NR	NR NR	NR NR NR	NR NR	NR NR NR	NR	NR
JGYUMY	Yfiler® 1								
M6P2RH	Yfiler® 1	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A
VQLZHT	Yfiler® 1	NR NR	NR NR	NR NR	NR NR NR	NR NR	NR NR NR	NR	NR
YUB966	Yfiler® 1	- -	- -	- -	- -	- -	- -	-	-

TABLE 2

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 YIndel	DYS393 DYS533
Item 2									
2NVE6Q	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
3A8NLE	PowerPlex® Y 23 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	27	13
		12	17	18	23	10	12		
3BKXGD	PowerPlex® Y 23 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	27	13
		12	17	18	23	10	12		
3JVMAY	PowerPlex® Y Y23 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	27	13
		12	17	18	23	10	12		
3V8TKZ	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
49URX2	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
4A6V8J	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
4J8EMT	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
4MAHQV	PowerPlex® Y 23 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	27	13
		12	17	18	23	10	12		
4R4EEM	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
4TFQ2B	PowerPlex® Y Fusion 2						11		

TABLE 2

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 YIndel	DYS393 DYS533
Item 2									
6LEFYX	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	-	-
		-	-	-	23	-	12	-	-
6RNGK2	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	N/A	N/A
		N/A	N/A	N/A	23	N/A	12	N/A	N/A
6TYRK8	PowerPlex® Y 23 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	27	13
		12	17	18	23	10	12		
6YL6EM	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
72ZWPT	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
76KQNE	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
7BQGVQ	2						11		
								2	
7LT3BK	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
82H84R	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
83BM7V	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	-	-
		-	-	-	23	-	12	-	-
8H3VB2	PowerPlex® Y 23 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	27	13
		12	17	18	23	10	12		

TABLE 2

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 YIndel	DYS393 DYS533
Item 2									
8U4QMY	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	N/A	N/A
		N/A	N/A	N/A	23	N/A	12	N/A	
8YUX8R	PowerPlex® Y 23 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	27	13
		12	17	18	23	10	12		
943E3E	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
96XL26	PowerPlex® Y 23 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	27	13
		12	17	18	23	10	12		
9GNT28	PowerPlex® Y 23 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	27	13
		12	17	18	23	10	12		
9KAZEW	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
9L7FRU	PowerPlex® Y 23 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	27	13
		12	17	18	23	10	12		
9WK3PD	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
9Z36RD	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
9ZHNEV	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
A847MK	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	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

AF9QTE	PowerPlex® Y 23	2	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17	27	13
			12	17	18	23	10	12		
ALH84N	2							11		
									2	
AY77VQ	Yfiler®	2	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17		
						23		12		
B9P62L	Global Filer Express	2						11		
									2	
BAGZLA	Yfiler®	2	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17		
						23		12		
BAZP8B	Yfiler®	2	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17		
						23		12		
BKK7L3	Yfiler®	2	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17		
						23		12		
BTFJTC	Yfiler®	2	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17		
						23		12		
BWGXMA	Yfiler®	2	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17		
						23		12		
BZF274	PowerPlex® Y 23	2	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17	27	13
			12	17	18	23	10	12		
C3XKND	Yfiler®	2	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17		
						23		12		

TABLE 2

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 YIndel	DYS393 DYS533
Item 2									
C7HCXU	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	N/A	N/A
		N/A	N/A	N/A	23	N/A	12	N/A	
C7JUQ4	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
CMJR38	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	not tested	not tested
		not tested	not tested	not tested	23	not tested	12	not tested	not tested
DFGZDB	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
DKCQL8	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
DP7QWW	PowerPlex® Y 23 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	27	13
		12	17	18	23	10	12		
EJD787	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
EMXMED	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
EVNFVW	PowerPlex® Y 23 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	27	13
		12	17	18	23	10	12		
EW3XY3	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
F8JEDA	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		

TABLE 2

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 YIndel	DYS393 DYS533	
Item 2										
FAJEZ6	PowerPlex® Y 23	2	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17	27	13
			12	17	18	23	10	12		
FB2BQJ	Yfiler®	2	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17		
						23		12		
FG2VN9	PowerPlex® Y 23	2	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17	27	13
			12	17	18	23	10	12		
FR9VG3	Yfiler®	2	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17		
						23		12		
GN4PF3	Yfiler®	2	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17		
						23		12		
GTDEMV	Yfiler®	2	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17		
						23		12		
H278DZ	PowerPlex® Y Y23	2	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17	27	13
			12	17	18	23	10	12		
HDERWT	PowerPlex® Y 23	2	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17	27	13
			12	17	18	23	10	12		
HNYNQL	Yfiler®	2	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17	N/A	N/A
			N/A	N/A	N/A	23	N/A	12	N/A	
HRFL83	PowerPlex® Y 23	2	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17	27	13
			12	17	18	23	10	12		
HU9PCP	Yfiler®	2	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17		
						23		12		

TABLE 2

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 YIndel	DYS393 DYS533
Item 2									
JCYN32	Yfiler®								
	2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
JGYUMY	Yfiler®								
	2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
JKEWG6	Yfiler®								
	2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
JYBN9D	Yfiler®								
	2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
KE3DVG	PowerPlex® Y 23								
	2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	27	13
		12	17	18	23	10	12		
KEJZEC	PowerPlex® Y Fusion								
	2						11		
KFGXHZ	Yfiler®								
	2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
KL4M4V	PowerPlex® Y 23								
	2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	27	13
		12	17	18	23	10	12		
KXETYA	Yfiler®								
	2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
LPZTUK	PowerPlex® Y 23								
	2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	27	13
		12	17	18	23	10	12		
LVMJH2	Yfiler® , Globalfiler								
	2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12	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	
Item 2									
M4FDT4	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
M6P2RH	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	N/A	N/A
		N/A	N/A	N/A	23	N/A	12	N/A	
MD3CLV	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
MJR2BR	PowerPlex® Y 23 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	27	13
		12	17	18	23	10	12		
MLXPQG	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
N2N3MN	PowerPlex® Y 2	14	11,13	13	29	25	11	14	13
		14	12	12					
NFNN8Y	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
NJZYVM	PowerPlex® Y 23 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	27	13
		12	17	18	23	10	12		
P3CZ8Z	PowerPlex® Y Y23 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	27	13
		12	17	18	23	10	12		
PX2G2Z	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
RTX3RF	Yfiler® 2	14	11-13	13	29	25	11	14	13
		14	12	12	18	17	17	n/a	n/a
		n/a	n/a	n/a	23	n/a	12	n/a	

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									
RUX24W	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
RW2WMY	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
T6PA3P	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
TC4MRT	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
U4P44M	PowerPlex® Y 23 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	27	13
		12	17	18	23	10	12		
U7VL7P	PowerPlex® Y 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	27	13
		12	17	18	23	10	12		
UCK78J	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
UJ4YDW	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
UPDX8B	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	N/A	N/A
		N/A	N/A	N/A	23	N/A	12	N/A	
UPTCFK	PowerPlex® Y 23 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	27	13
		12	17	18	23	10	12		
VCH4DT	Yfiler® 2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		

TABLE 2

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 YIndel	DYS393 DYS533
Item 2									
VQLZHT	Yfiler®								
	2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
WYCKNQ	Yfiler®								
	2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
W443JH	PowerPlex® Y								
	2	14	11,13	13	29	25	11	14	13
		14	12	12					
WDRP2K	PowerPlex® Y 23								
	2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	27	13
		12	17	18	23	10	12		
WNN9KD	PowerPlex® Y 23								
	2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	27	13
		12	17	18	23	10	12		
WWJ9Z6	Yfiler®								
	2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
WZ6H4J	PowerPlex® Y 23								
	2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	27	13
		12	17	18	23	10	12		
XCDNTQ	Yfiler®								
	2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
XG4VDK	Yfiler®								
	2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
XLZJUR	Yfiler®								
	2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
Y4VCEP	Yfiler®								
	2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		

TABLE 2

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 YIndel	DYS393 DYS533
Item 2									
Y4LYF	PowerPlex® Y								
	2	14	11,13	13	29	25	11	14	13
		14	12	12					
Y68LAN	PowerPlex® Y 23								
	2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	27	13
		12	17	18	23	10	12		
YFRK8	Yfiler®								
	2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	N/A	N/A
		N/A	N/A	N/A	23	N/A	12	N/A	
YRKCRP	PowerPlex® Y Y23								
	2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	27	13
		12	17	18	23	10	12		
YUB966	Yfiler®								
	2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
YY9V7	Yfiler®								
	2	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
ZPQ9CN	Yfiler®								
	2	14	11,13	13	29	25	11	14	13
		14	12	12	18	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

3JVMAY	PowerPlex® Y Y23 3	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
49URX2	Yfiler® 3								
4MAHQV	PowerPlex® Y 23 3	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
4R4EEM	Yfiler® 3	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
					NR		NR		
6LEFYX	Yfiler® 3	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
83BM7V	Yfiler® 3	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
8H3VB2	PowerPlex® Y 23 3								
943E3E	Yfiler® 3	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
					NR		NR		
96XL26	PowerPlex® Y 23 3								
9KAZEW	Yfiler® 3	NA	NA	NA	NA	NA	NA	NA	NA
		NA	NA	NA	NA	NA	NA	NA	NA
					NA		NA		
9ZHNEV	Yfiler® 3	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	

Item 3

BAGZLA	Yfiler® 3								
BKK7L3	Yfiler® 3								
BWGXMA	Yfiler® 3	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR		
					NR		NR		
C7JUQ4	Yfiler® 3								
DFGZDB	Yfiler® 3	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR		
					NR		NR		
DKCQL8	Yfiler® 3	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR		
					NR		NR		
EJD787	Yfiler® 3	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR		
					NR		NR		
EW3XY3	Yfiler® 3								
HU9PCP	Yfiler® 3	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		
JCYN32	Yfiler® 3	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR		
					NR		NR		
JGYUMY	Yfiler® 3								

TABLE 2

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 YIndel	DYS393 DYS533
Item 3									
JKEWG6	Yfiler® 3	NR NR	NR NR	NR NR	NR NR NR	NR NR	NR NR NR	NR	NR
LPZTUK	PowerPlex® Y 23 3	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
MLXPQG	Yfiler® 3								
NFNN8Y	Yfiler® 3	NR NR	NR NR	NR NR	NR NR NR	NR NR	NR NR NR	NR	NR
RUX24W	Yfiler® 3	NR NR	NR NR	NR NR	NR NR NR	NR NR	NR NR NR	NR	NR
TC4MRT	Yfiler® 3	NR NR	NR NR	NR NR	NR NR NR	NR NR	NR NR NR	NR	NR
UPTCFK	PowerPlex® Y 3								
YCKNQ	Yfiler® 3	NR NR	NR NR	NR NR	NR NR NR	NR NR	NR NR NR	NR	NR
YUB966	Yfiler® 3	- -	- -	- -	- - -	- -	- - -	-	-
ZPQ9CN	Yfiler® 3	NR NR	NR NR	NR NR	NR NR NR	NR NR	NR NR NR	NR	NR

TABLE 2

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 YIndel	DYS393 DYS533
Item 4									
2NVE6Q	Yfiler® 4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
3A8NLE	PowerPlex® Y 23 4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	27	13
		12	17	18	23	10	12		
3BKXGD	PowerPlex® Y 23 4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	27	13
		12	17	18	23	10	12		
3JVMAY	PowerPlex® Y Y23 4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	27	13
		12	17	18	23	10	12		
3V8TKZ	Yfiler® 4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
49URX2	Yfiler® 4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
4A6V8J	Yfiler® 4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
4J8EMT	Yfiler® 4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
4MAHQV	PowerPlex® Y 23 4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	27	13
		12	17	18	23	10	12		
4R4EEM	Yfiler® 4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
4TFQ2B	PowerPlex® Y Fusion 4						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	
Item 4									
6LEFYX	Yfiler® 4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	-	-
		-	-	-	23	-	12	-	-
6RNGK2	Yfiler® 4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	N/A	N/A
		N/A	N/A	N/A	23	N/A	12	N/A	N/A
6TYRK8	PowerPlex® Y 23 4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	27	13
		12	17	18	23	10	12		
6YL6EM	Yfiler® 4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
76KQNE	Yfiler® 4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
7LT3BK	Yfiler® 4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
83BM7V	Yfiler® 4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	-	-
		-	-	-	23	-	12	-	-
8H3VB2	PowerPlex® Y 23 4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	27	13
		12	17	18	23	10	12		
8U4QMY	Yfiler® 4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	N/A	N/A
		N/A	N/A	N/A	23	N/A	12	N/A	N/A
8YUX8R	PowerPlex® Y 23 4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	27	13
		12	17	18	23	10	12		
943E3E	Yfiler® 4	14	11,13	13	29	25	11	14	13
		14	12	12	18	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 4

96XL26	PowerPlex® Y 23	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17	27	13
			12	17	18	23	10	12		
9GNT28	PowerPlex® Y 23	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17	27	13
			12	17	18	23	10	12		
9KAZEW	Yfiler®	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17		
						23		12		
9Z36RD	Yfiler®	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17		
						23		12		
9ZHNEV	Yfiler®	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17		
						23		12		
AF9QTE	PowerPlex® Y 23	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17	27	13
			12	17	18	23	10	12		
BAGZLA	Yfiler®	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17		
						23		12		
BAZP8B	Yfiler®	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17		
						23		12		
BKK7L3	Yfiler®	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17		
						23		12		
BTFJTC	Yfiler®	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17		
						23		12		
BWGXMA	Yfiler®	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17		
						23		12		

TABLE 2

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 YIndel	DYS393 DYS533	
Item 4										
BZF274	PowerPlex® Y 23	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17	27	13
			12	17	18	23	10	12		
C3XKND	Yfiler®	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17		
						23		12		
C7HCXU	Yfiler®	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17	N/A	N/A
			N/A	N/A	N/A	23	N/A	12	N/A	
C7JUQ4	Yfiler®	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17		
						23		12		
CMJR38	Yfiler®	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17	not tested	not tested
			not tested	not tested	not tested	23	not tested	12	not tested	
DFGZDB	Yfiler®	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17		
						23		12		
DKCQL8	Yfiler®	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17		
						23		12		
DP7QWW	PowerPlex® Y 23	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17	27	13
			12	17	18	23	10	12		
EJD787	Yfiler®	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17		
						23		12		
EMXMED	Yfiler®	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17		
						23		12		
EVNFVW	PowerPlex® Y 23	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17	27	13
			12	17	18	23	10	12		

TABLE 2

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 YIndel	DYS393 DYS533
Item 4									
EW3XY3	Yfiler® 4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
F8JEDA	Yfiler® 4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
FAJEZ6	PowerPlex® Y 23 4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	27	13
		12	17	18	23	10	12		
FG2VN9	PowerPlex® Y 23 4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	27	13
		12	17	18	23	10	12		
FR9VG3	Yfiler® 4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
GN4PF3	Yfiler® 4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
GTDEM V	Yfiler® 4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
H278DZ	PowerPlex® Y 23 4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	27	13
		12	17	18	23	10	12		
HDERWT	PowerPlex® Y 23 4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	27	13
		12	17	18	23	10	12		
HNYNQL	Yfiler® 4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	N/A	N/A
		N/A	N/A	N/A	23	N/A	12	N/A	
HRFL83	PowerPlex® Y 23 4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	27	13
		12	17	18	23	10	12		

TABLE 2

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 YIndel	DYS393 DYS533
Item 4									
HU9PCP	Yfiler® 4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
JCYN32	Yfiler® 4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
JGYUMY	Yfiler® 4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
JKEWG6	Yfiler® 4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
JYBN9D	Yfiler® 4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
KE3DVG	PowerPlex® Y 23 4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	27	13
		12	17	18	23	10	12		
KEJZEC	PowerPlex® Y Fusion 4						11		
KFGXHZ	Yfiler® 4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
KL4M4V	PowerPlex® Y 23 4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	27	13
		12	17	18	23	10	12		
KXETYA	Yfiler® 4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
LPZTUK	PowerPlex® Y 23 4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	27	13
		12	17	18	23	10	12		

TABLE 2

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 YIndel	DYS393 DYS533	
Item 4										
LVMJH2	Yfiler® , GlobalFiler	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17		
					23		12	2		
M4FDT4	Yfiler®	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17		
					23		12			
M6P2RH	Yfiler®	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17	N/A	N/A
			N/A	N/A	N/A	23	N/A	12	N/A	
MD3CLV	Yfiler®	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17		
					23		12			
MJR2BR	PowerPlex® Y 23	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17	27	13
			12	17	18	23	10	12		
MLXPQG	Yfiler®	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17		
					23		12			
N2N3MN	PowerPlex® Y	4	14	11,13	13	29	25	11	14	13
			14	12	12					
NFNN8Y	Yfiler®	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17		
					23		12			
NJZYVM	PowerPlex® Y 23	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17	27	13
			12	17	18	23	10	12		
P3CZ8Z	PowerPlex® Y Y23	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17	27	13
			12	17	18	23	10	12		
PX2G2Z	Yfiler®	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	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 4										
RTX3RF	Yfiler®	4	14	11-13	13	29	25	11	14	13
			14	12	12	18	17	17	n/a	n/a
			n/a	n/a	n/a	23	n/a	12	n/a	
RUX24W	Yfiler®	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17		
						23		12		
RW2WMY	Yfiler®	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17		
						23		12		
T6PA3P	Yfiler®	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17		
						23		12		
TC4MRT	Yfiler®	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17		
						23		12		
U4P44M	PowerPlex® Y 23	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17	27	13
			12	17	18	23	10	12		
U7VL7P	PowerPlex® Y	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17	27	13
			12	17	18	23	10	12		
UCK78J	Yfiler®	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17		
						23		12		
UJ4YDW	Yfiler®	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17		
						23		12		
UPDX8B	Yfiler®	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17	N/A	N/A
			N/A	N/A	N/A	23	N/A	12	N/A	
UPTCFK	PowerPlex® Y 23	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17	27	13
			12	17	18	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		
Item 4										
VCH4DT	Yfiler®	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17		
						23		12		
VYCKNQ	Yfiler®	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17		
						23		12		
W443JH	PowerPlex® Y	4	14	11,13	13	29	25	11	14	13
			14	12	12					
WDRP2K	PowerPlex® Y 23	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17	27	13
			12	17	18	23	10	12		
WNN9KD	PowerPlex® Y 23	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17	27	13
			12	17	18	23	10	12		
WZ6H4J	PowerPlex® Y 23	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17	27	13
			12	17	18	23	10	12		
XCDNTQ	Yfiler®	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17		
						23		12		
XG4VDK	Yfiler®	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17		
						23		12		
XLZJUR	Yfiler®	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17		
						23		12		
Y4VCEP	Yfiler®	4	14	11,13	13	29	25	11	14	13
			14	12	12	18	17	17		
						23		12		
Y4YLYF	PowerPlex® Y	4	14	11,13	13	29	25	11	14	13
			14	12	12					

TABLE 2

WebCode	Item	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481 YIndel	DYS393 DYS533
Item 4									
Y68LAN	PowerPlex® Y 23								
	4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	27	13
		12	17	18	23	10	12		
YFRKV8	Yfiler®								
	4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	N/A	N/A
		N/A	N/A	N/A	23	N/A	12	N/A	
YRKCRP	PowerPlex® Y Y23								
	4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17	27	13
		12	17	18	23	10	12		
YUB966	Yfiler®								
	4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
YYV9V7	Yfiler®								
	4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		
ZPQ9CN	Yfiler®								
	4	14	11,13	13	29	25	11	14	13
		14	12	12	18	17	17		
					23		12		

Additional DNA Results

TABLE 3

Locus	WebCode	Item 1	Item 2	Item 3	Item 4
D6	JW6V7L	11,11	11,12	11,12	11,12
D6S1043	CTTZEА	11,11	11,12	11,12	11,12
	NRXGGQ	11,11	11,12	11,12	11,12
	W8JU9P	11,11	11,12	11,12	11,12
DYS391	M8TL43		11,11		

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
2629JX	No Interpretations Reported, DNA Analyzed for Database purposes only.				4DMLNV	No	No	No	Yes
2BLYYL	No	No	No	Yes	4J8EMT	No	No	No	Yes
2CMWVG	No Interpretations Reported, DNA Analyzed for Database purposes only.				4MAHQV	No	No	No	Yes
2FF3YX	No	No	No	Yes	4R4EEM	No	No	No	Yes
2JH9CH	No Interpretations Reported, DNA Analyzed for Database purposes only.				4TFQ2B	No	No	No	Yes
2NVE6Q	No	No	No	Yes	68V7K2	No	No	No	Yes
2T4869	No	No	No	Yes	68WQ63	No	No	No	Yes
34YX3L	No	No	No	Yes	6LBWCV	No	No	No	Yes
3864ZF	No	No	No	Yes	6LEFYX	No	No	No	Yes
3A8NLE	No	No	No	Yes	6RNGK2	No	No	No	Yes
3BKXGD	No	No	No	Yes	6TYRK8	No	No	No	Yes
3JVMAY	No	No	No	Yes	6YL6EM	No	No	No	Yes
3PNPFJ	No	No	No	Yes	72N288	No	No	No	Yes
3V8TKZ	No	No	No	Yes	72ZWPT	No Interpretations Reported, DNA Analyzed for Database purposes only.			
42U394	No	No	No	Yes	76KQNE	No	No	No	Yes
46CU4J	No	No	No	Yes	7BQGVQ	No Interpretations Reported, DNA Analyzed for Database purposes only.			
46U9RF	No Interpretations Reported, DNA Analyzed for Database purposes only.				7GD8DF	No Interpretations Reported, DNA Analyzed for Database purposes only.			
49C3EL	No Interpretations Reported, DNA Analyzed for Database purposes only.				7LT3BK	No	No	No	Yes
49TMCK	No	No	No	Yes	7ZRLVB	No	No	No	Yes
49URX2	No	No	No	Yes	82H84R	No Interpretations Reported, DNA Analyzed for Database purposes only.			
4A6V8J	No	No	No	Yes	83BM7V	No	No	No	Yes

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
8DCNQ8	No	No	No	Yes	BAGZLA	No Interpretations Reported, DNA Analyzed for Database purposes only.			
8G8C8E	No Interpretations Reported, DNA Analyzed for Database purposes only.				BAZP8B	No	No	No	Yes
8H3VB2	No	No	No	Yes	BHFTCB	No Interpretations Reported, DNA Analyzed for Database purposes only.			
8U4QMY	No	No	No	Yes	BKK7L3	No	No	No	Yes
8YUX8R	No	No	No	Yes	BKLEZB	No Interpretations Reported, DNA Analyzed for Database purposes only.			
943E3E	No	No	No	Yes	BTFJTC	No	No	No	Yes
96HQM6	No	No	No	Yes	BWGXMA	No	No	No	Yes
96XL26	No	No	No	Yes	BYXMMD	No	No	No	Yes
97QPZY	No	No	No	Yes	BZF274	No	No	No	Yes
9GNT28	No	No	No	Yes	C3XKND	No	No	No	Yes
9KAZEW	No	No	No	Yes	C7HCXU	No	No	No	Yes
9L7FRU	No Interpretations Reported, DNA Analyzed for Database purposes only.				C7JUQ4	No	No	No	Yes
9QDE87	No	No	No	Yes	CF3DZ3	No	No	No	Yes
9WK3PD	No Interpretations Reported, DNA Analyzed for Database purposes only.				CGYTCY	No	No	No	Yes
9WK6EH	No Interpretations Reported, DNA Analyzed for Database purposes only.				CKVHT7	No	No	No	Yes
9Z36RD	No	No	No	Yes	CLQ2WT	No	No	No	Yes
9ZHNEV	No	No	No	Yes	CMJR38	No	No	No	Yes
9ZMEWU	No Interpretations Reported, DNA Analyzed for Database purposes only.				CTTZEZ	No	No	No	Yes
A847MK	No Interpretations Reported, DNA Analyzed for Database purposes only.				DFGZDB	No	No	No	Yes
AF9QTE	No	No	No	Yes	DKCQL8	No	No	No	Yes
ALH84N	No Interpretations Reported, DNA Analyzed for Database purposes only.				DP7QWW	No	No	No	Yes
AY77VQ	No Interpretations Reported, DNA Analyzed for Database purposes only.				E9FZKZ	No	No	No	Yes
B9P62L	No Interpretations Reported, DNA Analyzed for Database purposes only.				EJD787	No	No	No	Yes

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
EMXMED	No	No	No	Yes	HRFL83	No	No	No	Yes
ENRNM3	No	No	No	Yes	HRHJTE	No	No	No	Yes
EVNFWW	No	No	No	Yes	HU9PCP	No	No	No	Yes
EW3XY3	No Interpretations Reported, DNA Analyzed for Database purposes only.				HWPKYV	No	No	No	Yes
F36BDC	No Interpretations Reported, DNA Analyzed for Database purposes only.				J3CULY	No	No	No	Yes
F8JEDA	No	No	No	Yes	J48DPK	No	No	No	Yes
FAJEZ6	No	No	No	Yes	J4PEGU	No	No	No	Yes
FB2BQJ	No Interpretations Reported, DNA Analyzed for Database purposes only.				JCYN32	No	No	No	Yes
FG2VN9	No	No	No	Yes	JGYUMY	No Interpretations Reported, DNA Analyzed for Database purposes only.			
FLY3FX	No	No	No	Yes	JKEWG6	No	No	No	Yes
FR9VG3	No	No	No	Yes	JLR4Q6	No	No	No	Yes
FZYJBK	No	No	No	Yes	JW6V7L	No	No	No	Yes
G2CX9Y	No	No	No	Yes	JYBN9D	No	No	No	Yes
GN4PF3	No	No	No	Yes	K9GF69	No	No	No	Yes
GTDEMV	No	No	No	Yes	KE3DVG	No	No	No	Yes
GY3M2G	No	No	No	Yes	KEJZEC	No	No	No	Yes
H278DZ	No	No	No	Yes	KFGXHZ	No	No	No	Yes
H8UM8Y	No Interpretations Reported, DNA Analyzed for Database purposes only.				KFT7DY	No Interpretations Reported, DNA Analyzed for Database purposes only.			
HB9X84	No Interpretations Reported, DNA Analyzed for Database purposes only.				KL4M4V	No	No	No	Yes
HBA6G4	No	No	No	Yes	KMULZK	No	No	No	Yes
HDERWT	No	No	No	Yes	KXETYA	No	No	No	Yes
HKXJD2	No Interpretations Reported, DNA Analyzed for Database purposes only.				L7LG4F	No Interpretations Reported, DNA Analyzed for Database purposes only.			
HNYNQL	No	No	No	Yes	LBYR63	No	No	No	Yes

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
LPZTUK	No	No	No	Yes	QL2G99	No Interpretations Reported, DNA Analyzed for Database purposes only.			
LVMJH2	No	No	No	Yes	QPMT27	No	No	No	Yes
M4FDT4	No	No	No	Yes	R69TAG	No	No	No	Yes
M6P2RH	No	No	No	Yes	RA7RQE	No	No	No	Yes
M8TL43	No	No	No	Yes	RCAKMX	No Interpretations Reported, DNA Analyzed for Database purposes only.			
MD3CLV	No	No	No	Yes	RDQ4MH	No	No	No	Yes
MJR2BR	No	No	No	Yes	RTX3RF	No	No	No	Yes
MK37MV	No	No	No	Yes	RUBAYV	No Interpretations Reported, DNA Analyzed for Database purposes only.			
MLXPQG	No	No	No	Yes	RUX24W	No	No	No	Yes
MVHLKB	No	No	No	Yes	RW2WMY	No	No	No	Yes
N2N3MN	No	No	No	Yes	T6PA3P	No	No	No	Yes
N6MTZB	No	No	No	Yes	TC4MRT	No	No	No	Yes
NFNN8Y	No	No	No	Yes	TC7M3A	No Interpretations Reported, DNA Analyzed for Database purposes only.			
NJZYVM	No	No	No	Yes	TDHMY4	No	No	No	Yes
NRXGGQ	No	No	No	Yes	TF7JGM	No	No	No	Yes
P2XGKH	No	No	No	Yes	TQBGJ6	No	No	No	Yes
P3CZ8Z	No	No	No	Yes	TRHVPB	No	No	No	Yes
P7F7Z9	No	No	No	Yes	TU939M	No	No	No	Yes
PC3Q8U	No Interpretations Reported, DNA Analyzed for Database purposes only.				TWWYRU	No	No	No	Yes
PE6R77	No	No	No	Yes	TXBQVP	No Interpretations Reported, DNA Analyzed for Database purposes only.			
PJG8L3	No Interpretations Reported, DNA Analyzed for Database purposes only.				U4P44M	No	No	No	Yes
PX2G2Z	No	No	No	Yes	U7VL7P	No	No	No	Yes
PX3PDK	No	No	No	Yes	UCK78J	No	No	No	Yes

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
UJ4YDW	No	No	No	Yes	X6QX7V	No	No	No	Yes
UNXQNE	No	No	No	Yes	X8FET4	No Interpretations Reported, DNA Analyzed for Database purposes only.			
UPDX8B	No	No	No	Yes	XCDNTQ	No	No	No	Yes
UPTCFK	No	No	No	Yes	XCTD8H	No	No	No	Yes
UX8ZC8	No	No	No	Yes	XG4VDK	No	No	No	Yes
UXNR8P	No Interpretations Reported, DNA Analyzed for Database purposes only.				XLYP9Z	No	No	No	Yes
V7AZZY	No	No	No	Yes	XLZJUR	No	No	No	Yes
V8LAY4	No Interpretations Reported, DNA Analyzed for Database purposes only.				XZVFYN	No Interpretations Reported, DNA Analyzed for Database purposes only.			
VB643W	No Interpretations Reported, DNA Analyzed for Database purposes only.				Y4VCEP	No	No	No	Yes
VCH4DT	No	No	No	Yes	Y4VE39	No	No	No	Yes
VQLZHT	No Interpretations Reported, DNA Analyzed for Database purposes only.				Y4YLYF	No	No	No	Yes
VUJL6P	No Interpretations Reported, DNA Analyzed for Database purposes only.				Y66JFX	No	No	No	Yes
VYCKNQ	No	No	No	Yes	Y68LAN	No	No	No	Yes
W2D6MB	No Interpretations Reported, DNA Analyzed for Database purposes only.				YFRKV8	No	No	No	Yes
W2GZL4	No	No	No	Yes	YK3329	No	No	No	Yes
W443JH	No	No	No	Yes	YRKCRP	No	No	No	Yes
W8JU9P	No	No	No	Yes	YTE6KN	No Interpretations Reported, DNA Analyzed for Database purposes only.			
WDRP2K	No	No	No	Yes	YU7NH3	No	No	No	Yes
WDRYKH	No	No	No	Yes	YUB966	No	No	No	Yes
WFT7GF	No	No	No	Yes	YVY9V7	No	No	No	Yes
WNN9KD	No	No	No	Yes	YZT7KX	No	No	No	Yes
WWJ9Z6	No Interpretations Reported, DNA Analyzed for Database purposes only.				Z24X4K	No Interpretations Reported, DNA Analyzed for Database purposes only.			
WZ6H4J	No	No	No	Yes	ZETYG7	No	No	No	Yes

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
ZKZ4UZ	No	No	No	Yes					
ZPQ9CN	No	No	No	Yes					
ZU4QRJ	No Interpretations Reported, DNA Analyzed for Database purposes only.								
ZYD9PC	No	No	No	Yes					
ZZUFXF	No	No	No	Yes					

Response Summary			Participants reporting DNA results: 231			
<i>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)?</i>						
		Victim (Item 1)		Suspect (Item 2)		
		<u>Item 3</u>	<u>Item 4</u>	<u>Item 3</u>	<u>Item 4</u>	
Responses	Yes	0	0	0	182	
	No	182	182	182	0	
	Inc	0	0	0	0	

Participants not reporting Interpretation results: 49

Additional Comments

TABLE 5

WebCode	Additional Comments
49C3EL	Database Laboratory; therefore only Items 1 and 2 were examined.
4R4EEM	NR = no reaction
72ZWPT	[From Table 5 - YSTR Results, Item 1: "No results - female profile"]
7BQGVB	Samples 3 and 4 were not analyzed. 14-077E, EXP-140915-01,14-585
83BM7V	1. Item 1 and Item 2 were extracted by in-situ extraction method. 2. Item 3 and Item 4 were extracted using chelex method. Then, quantitation was carried out using ABI Quantifiler Human Kit and run with 7500 Real Time PCR System. 3. Item 3 and Item 4 were amplified using Identifiler Plus Kit. 4. Y-STR was carried out using Y-Filer Kit on Item 1 to Item 4. Electrophoresis was carried out using 3130xl Genetic Analyzer. 5. Reagent blank, positive control and negative control were carried out along the process.
943E3E	NR = No Results
9WK3PD	NR = NO RESULTS
9WK6EH	Database laboratory; therefore only Items 1 and 2 were examined.
9ZMEWU	Items 3 and 4 were not processed for STR analysis. Items 1 and 2 were processed for STR database purposes only. The "No Interpretation" boxes were clicked inadvertently.
A847MK	NR = No Results.
ALH84N	14-078E and EXP-140915-02
BKLEZB	N/A = Not Applicable
BWGXMA	NR = no results
DFGZDB	NR= No Results
DKCQL8	NR = NO RESULTS
E9FZKZ	All results obtained from Identifiler, Minifiler and SGM Plus were concordant where appropriate.
EJD787	NR = no results
F36BDC	Database laboratory; therefore only Items 1 and 2 were examined.
F8JEDA	Use of commas denotes alleles which are associated with each other.
H278DZ	A different female profile of the victim, was found in the blood stain of suspect's shirt (item 3).
HRFL83	1. The suspect (Item 2) is not excluded as a contributor of the blood detected on the victim's skirt (Item 4). 2. The victim (Item 1) is excluded as contributor of the blood detected on the suspect's shirt (Item 3). Were found 25 exclusions in the genetics markers analyzed. 3. An unknown female is not excluded as a contributor of the blood stain on the suspect's shirt (Item 3).
JCYN32	NR: No Results
JKEWG6	NR = No reaction
N2N3MN	In relation to items 3 & 4 the DNA results obtained via Identifiler, Minifiler and SGMPlus were consistent at the DNA sites in commen[sic] between the kits.
NFNN8Y	NR = No Results
PJG8L3	Database laboratory; therefore only Items 1 and 2 were examined.

TABLE 5

WebCode	Additional Comments
QPMT27	Suspect's profile on victim's shirt[sic]
RCAKMX	Database Laboratory; therefore only Items 1 and 2 were examined.
RUX24W	NR = No Reaction
TC4MRT	NR indicates no results.
TC7M3A	Items 3 and 4 were not processed for STR analysis. Items 1 and 2 were processed for STR database purposes. The "No Interpretation" options were clicked inadvertently.
V7AZZY	The DNA profile obtained from the reference sample from the suspect matches the DNA profile obtained from biological material from the victim's skirt.
VB643W	Database laboratory; therefore only Items 1 and 2 were examined.
VQLZHT	NR = No Results
VYCKNQ	NR=No Results
YUB966	1. Item1 and Item 2 were extracted using in situ FTA method. 2. Item 3 and Item 4 were extracted using chelex extraction method and quantitated using Quantifiler Human Quantification kit and 7500 RT PCR instrument. 3. The amplification kits used were Identifiler Direct, Y-filer and Identifiler Plus. 4. All the samples were amplified using 9700 Thermalcycler instrument. 5. The electrophoresis and separation analysis were done using Genetic Analyzer 3130xl instrument and Genemapper ID version 3.2.1.
ZPQ9CN	NR- no results

Appendix: Data Sheet

Collaborative Testing Services ~ Forensic Testing Program

Test No. 14-585: DNA-Blood

DATA MUST BE RECEIVED BY November 3, 2014 TO BE INCLUDED IN THE REPORT

Participant Code:

WebCode:

Accreditation Release Statement

CTS submits external proficiency test data directly to ASCLD/LAB and ANSI-ASQ NAB/FQS. 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 ANSI-ASQ NAB/FQS. (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 ANSI-ASQ NAB/FQS.

Scenario:

Police are investigating an assault and battery case involving a female victim who was attacked while entering her home. Investigators used a detailed description provided by the victim to locate and apprehend the suspect shortly after the incident. Screening has been performed on both samples with the following results: Item 3 (suspect's shirt) and Item 4 (victim's skirt) are positive for blood only. The screening lab is submitting these samples (Items 3 and 4) along with the known blood samples of the female victim and the male suspect.

Items Submitted (Sample Pack S5):

Item 1: Known blood from the female victim.

Item 2: Known blood from the male suspect.

Item 3: Questioned blood stain from the suspect's shirt. (mint green material)

Item 4: Questioned blood stain from the victim's skirt. (cream material with vine pattern)

****Please note the following Significant Changes to the Data Sheet****

Due to the growing use of GlobalFiler™, Powerplex® Fusion and Powerplex® Y23, the Data Sheet has been updated to include the loci represented by these new amplification kits. In addition, the data sheet was redesigned to gather all the information for a single item on one page, including capturing the amplification kit used for the analysis for each Item. As always, the paper version of our data sheet displays loci in alpha-numeric order. To re-order the loci to match your amplification kit, please utilize our online data entry at www.CTS-Portal.com.

Online Data Entry

Visit www.cts-portal.com to enter and/or upload your proficiency test results online. If you have any questions please do not hesitate to contact CTS.

Please return all pages of this data sheet.

Page 1 of 8

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).

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

As a reminder, the data sheet has been updated to include loci from the following amplification kits: GlobalFiler™, Powerplex® Fusion and Powerplex® Y23. If a locus is not listed on one of the following four pages of this data sheet, use the "Additional DNA Results" table below to report those results.

Additional DNA Results:

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

	Item 1	Item 2	Item 3	Item 4
_____	<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"/>

Please return all pages of this data sheet.

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 any 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 _____

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

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

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

ITEM	Penta D	Penta E	SE33	TH01	TPOX	vWA
1	<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 any 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 _____	

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

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

ITEM	DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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 any 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 _____

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

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

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

ITEM	Penta D	Penta E	SE33	TH01	TPOX	vWA
2	<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 2 Please check all the brands that apply for this item and record any 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 _____	

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

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

ITEM	DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

STR Amplification Kit(s) Used For Item 3 Please check all the brands that apply for this item and record any 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 _____

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

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

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

ITEM	Penta D	Penta E	SE33	TH01	TPOX	vWA
3	<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 any 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 _____	

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

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

ITEM	DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please return all pages of this data sheet.

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 any 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 _____

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

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

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

ITEM	Penta D	Penta E	SE33	TH01	TPOX	vWA
4	<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 4 Please check all the brands that apply for this item and record any 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 _____	

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

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

ITEM	DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel
4	<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.

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.

<p>Return Instructions: Data must be received via online data entry, fax (please include a cover sheet), or mail by November 03, 2014 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: www.cts-portal.com FAX: +1-571-434-1937 or Toll-Free: 1-866-FAX-2CTS (329-2287) 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.

RELEASE OF DATA TO ACCREDITATION BODIES

The following Accreditation Releases will apply only to:

Participant Code:

WebCode:

for Test No. **14-585: DNA-Blood**

This release page must be completed and received by **November 3, 2014** 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) _____

ANSI-ASQ NAB/FQS RELEASE

If your laboratory maintains its accreditation through ANSI-ASQ NAB/FQS, please complete the following form in its entirety to have your results forwarded.

ANSI-ASQ NAB/FQS 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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