



DNA - Blood Test No. 11-585 Summary Report

This proficiency test was sent to 242 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 192 participants (79% response rate) and are compiled into the following tables:

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

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

Manufacturer's Information

Each sample pack consisted of two known bloodstains on FTA Genecards (Items 1 & 2), and two questioned stains one on clean, yellow material with white flowers (Item 3) and one on clean, grey material (Item 4). The stains in all four Items were prepared from human whole blood which was drawn into citric acid preservative bloodbank bags. Items 1 and 4 were blood collected from one female donor and Items 2 and 3 were blood collected from one male donor. Stains from different sources were prepared at separate times and were packaged once they were thoroughly dried.

Sample Preparation Schedule

<u>Item</u>	<u>Sample Collected</u>	<u>Prepared</u>	<u>Packaged</u>	<u>Volume</u>
1	July 8, 2011	July 21, 2011	July 22, 2011	75 µl
2	July 8, 2011	July 21, 2011	July 22, 2011	75 µl
3	July 8, 2011	July 21, 2011	July 22, 2011	50 µl
4	July 8, 2011	July 21, 2011	July 22, 2011	50 µl

The blood was refrigerated before being spotted. Completed sample sets were stored at -20°C until shipment on September 6, 2011, following receipt of predistribution results.

Amelogenin and STR Results

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

<u>Item</u>	<u>D3S1358</u>	<u>D5S818</u>	<u>D7S820</u>	<u>D8S1179</u>	<u>D13S317</u>	<u>D16S539</u>	<u>D18S51</u>	<u>D21S11</u>
1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2

<u>Item</u>	<u>Amel</u>	<u>CSF1PO</u>	<u>FGA</u>	<u>TH01</u>	<u>TPOX</u>	<u>vWA</u>	<u>PentaD</u>	<u>PentaE</u>
1	X,X	8,12	23,24	7,9.3	9,12	15,17	13,13	8,11
2	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
3	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
4	X,X	8,12	23,24	7,9.3	9,12	15,17	13,13	8,11

<u>Item</u>	<u>D2S1338</u>	<u>D19S433</u>
1	17,19	13,13
2	17,23	14,15
3	17,23	14,15
4	17,19	13,13

Manufacturer's Information, continued

YSTR Results

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

<u>Item</u>	<u>DYS19</u>	<u>DYS385</u>	<u>DYS389-I</u>	<u>DYS389-II</u>	<u>DYS390</u>	<u>DYS391</u>
2	15	16,16	13	30	21	10
3	15	16,16	13	30	21	10

<u>Item</u>	<u>DYS392</u>	<u>DYS393</u>	<u>DYS437</u>	<u>DYS438</u>	<u>DYS439</u>	<u>DYS448</u>	<u>DYS456</u>	<u>DYS458</u>	<u>DYS635</u>	<u>YGATAH4</u>
2	11	13	14	11	13	21	15	16	21	12
3	11	13	14	11	13	21	15	16	21	12

Summary Comments

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

Of the 192 responding participants, 132 reported DNA interpretations. All 132 participants reported that the victim (Item 1) could be the contributor to the Item 4 stain and the suspect (Item 2) could be the contributor of the Item 3 stain. The majority of the remaining participants did not report DNA interpretations stating that they analyzed the samples for database purposes only.

One participant reported allelic results that were inconsistent with the consensus/predistribution results. This participant reported an inconsistent allele for Items 1 and 4 for locus D19S433.

Amplification Kit & STR Results - Part I

TABLE 1

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
2ANT34	Identifiler Plus								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
2BE24R	Identifiler Plus								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
2E27AH	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
2N6LVF	Identifiler®								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
3BCJRE	Identifiler®								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
3PD67X	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
3RHND7	Identifiler Plus, Minifiler								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
3ZFDYF	Identifiler®								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
46PWVN	PowerPlex®16								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2

TABLE 1

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
493VN9	Identifiler Plus								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
4C4PZR	PowerPlex®16 Identifiler Plus								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
4NFCNJ	Identifiler® ID Plus, PP16 HS, MF								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
4VDYNV	Identifiler Plus								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
69K6GA	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
6AC4Q2	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
6B9GDU	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
6MZ8XX	Identifiler®								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
6PUQ47	Identifiler Plus								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
6T47AN	Identifiler® PowerPlex®16								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
6U3CQH	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2

TABLE 1

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
6UX4DN	Identifiler® Identifiler Plus, Minifiler								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
6YTVLK	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
79F8GX	Identifiler Plus								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
7A6HAC	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
7CVL3J	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
7JDUNU	Identifiler®								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
7KU3YH	COfiler® and Profiler Plus®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
7WGFRJ	Identifiler® PowerPlex®16								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
7WLN4D	COfiler® and Profiler Plus®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2

TABLE 1

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
7WNHMJ	PowerPlex®16								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
82TGU3	Identifiler Plus								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
89R9UJ	COfiler® and Profiler Plus®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
8FTFHY	Identifiler Plus								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
8GJNJJ	COfiler® and Profiler Plus® PowerPlex®16 Identifiler Plus, PowerPlex 16BIO, PowerPlex 16HS								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
8JRU6P	Identifiler®								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
8UC7G2	Identifiler plus								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
8W2GAF	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
8XRK3M	COfiler® and Profiler Plus® PowerPlex®16 Power Plex 16HS, Identifiler Plus								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
8XXMYM	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2

TABLE 1

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
96QEKL	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
9C8VCV	Identifiler Plus								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
9K3ZXJ	COfiler® and Profiler Plus® Identifiler Plus, PowerPlex 16HS								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
9MPK69	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
9U6D3Q	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
9WCQLD	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
9Y6KL3	Identifiler Plus								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
9YZC99	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
A2L9HK	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
A2LFF7	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2

TABLE 1

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
A984JP	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
AF47DN	Identifiler® PowerPlex®16								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
AG2C3U	Identifiler Plus								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
AKGRNF	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
AVGA8V	Identifiler Plus								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
AW8H9J	Identifiler® PowerPlex®16								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
AZQNTZ	Identifiler Plus								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
B47H6R	Identifiler®								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
B6FP8K	Identifiler Plus								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
B7YC6G	PowerPlex®16								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
B8R3BV	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2

TABLE 1

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
B9HBCJ	COfiler® and Profiler Plus®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
BEMCCD	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
BERJP8	Identifiler®								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
BGXAPV	Identifiler Plus								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
BHMHRJ	COfiler® and Profiler Plus®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
BJ3UFG	COfiler® and Profiler Plus® Identifiler® PowerPlex®16								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
BRFL7E	Identifiler®								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
C6EW77	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
CB2R6N	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
CH4UDV	Identifiler Plus								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2

TABLE 1

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
CHMVZX	Identifiler Plus								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
CPZQU7	Identifiler Plus								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
CT7A2E	PowerPlex®16								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
CUDLJG	Identifiler® PowerPlex®16								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
D42PH3	ID Plus & PowerPlex 16 HS								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	NA	NA	NA	NA	NA	NA	NA	NA
	4	NA	NA	NA	NA	NA	NA	NA	NA
D4JTXG	Identifiler®								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
D7HBPG	COfiler® and Profiler Plus® Identifiler® PowerPlex®16								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
D7MJ3B	Identifiler® Minifiler								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
D7PELG	Identifiler®								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2

TABLE 1

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
DTU8K6	Identifiler®								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
DTXUWD	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
DXW4CL	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
EBW3YH	Identifiler®								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
EC3TJH	Identifiler® PowerPlex®16								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
EEBURW	Identifiler Plus								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
EGLKFE	Identifiler® PowerPlex®16								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
FDGBLN	Identifiler Plus								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
FDXPPR	Identifiler Plus								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
G2H4XH	Identifiler® MiniFiler, Identifiler Plus								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
G3DKCZ	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2

TABLE 1

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
G3VNRD	COfiler® and Profiler Plus® PowerPlex®16								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
G64N68	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
GBQRVB	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
GFFBTY	Identifiler®								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
GNEQPX	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
GW8G8	COfiler® and Profiler Plus®								
	1	14,16	7,13	7	11,15	13,14		16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11		12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11		12,17	30,30.2
	4	14,16	7,13	7	11,15	13,14		16,18	30.2,33.2
GZN9JM	Identifiler Plus								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
H2CAT3	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
H6D7KH	Identifiler Plus								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
HB6FTV	Identifiler®								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2

TABLE 1

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
HCZV8D	Identifiler®								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
HD7GVD	Identifiler®								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
HEKUEG	COfiler® and Profiler Plus®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
HKAKMX	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
HP3MNC	Identifiler® Plus								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
JCU23X	Identifiler Plus								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
JLG3GM	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
JLG9E9	COfiler® and Profiler Plus®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
JMUUA4	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
JQB72E	Identifiler® PowerPlex®16								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2

TABLE 1

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
JY697B	COfiler® and Profiler Plus®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
KCRTA6	PowerPlex®16								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
KLC6LG	Identifiler®								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
KN2FEV	ID Plus & PowerPlex 16 HS								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	NA	NA	NA	NA	NA	NA	NA	NA
	4	NA	NA	NA	NA	NA	NA	NA	NA
KN32CW	Identifiler®								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
KUTFYH	Identifiler®								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
KXP3T7	PowerPlex®16								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
KYJTYK	Identifiler Plus and Minifiler								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
KYJZW7	COfiler® and Profiler Plus®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
LADNAL	Identifiler Plus								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2

TABLE 1

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
LC98FT	Identifiler® ID Direct								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
LDWPAY	ID Plus, PowerPlex 16 HS								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	NA	NA	NA	NA	NA	NA	NA	NA
	4	NA	NA	NA	NA	NA	NA	NA	NA
LK2KD8	COfiler® and Profiler Plus® Minifiler, Identifiler +								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
MDW63Q	Identifiler Plus								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
MELFV4	COfiler® and Profiler Plus® Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
MJJVPL	Identifiler Plus								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
ML97HY	Identifiler® Identifiler Plus								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
MLPFCL									
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
N6TK9T	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2

TABLE 1

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11	
N6YRLM	Identifiler Plus									
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2	
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2	
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2	
	4	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2	
NHMWRY	Identifiler®									
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2	
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2	
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2	
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2	
NJE3ZC	PowerPlex®16									
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2	
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2	
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2	
	4	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2	
NLZL82	Identifiler®									
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2	
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2	
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2	
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2	
NTMCRB	Identifiler® ID+/PP16HS/MF									
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2	
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2	
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2	
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2	
NVHDC	Identifiler Plus									
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2	
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2	
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2	
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2	
P792AE	Identifiler®									
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2	
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2	
PA99TQ	Identifiler®									
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2	
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2	
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2	
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2	
PB4THB	Identifiler Plus									
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2	
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2	
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2	
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2	
PEHXX9	COfiler® and Profiler Plus®									
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2	
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2	

TABLE 1

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
PJCKMY	COfiler® and Profiler Plus® PowerPlex®16 Power Plex Y								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
PZGR32	PowerPlex®16								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
Q4DZJF	Identifiler Plus								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
Q744CM	Identifiler Plus								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
QLDRJW	PowerPlex®16								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
QLJZWQ	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
QPW3EF	Identifiler Plus								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
QUN8CQ	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
R9QXTN	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
RAT3XW	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2

TABLE 1

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
RVWQM8	Identifiler® PowerPlex®16 Minifiler								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
T3DGUK	Identifiler Plus								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
T6YFQU	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
TCGR4V	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
TELG74	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
TGDDWJ	Identifiler Plus								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
TJ4HQQ	Identifiler®								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
TL6UZW	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
TRRHV2	COfiler® and Profiler Plus® Identifiler® PowerPlex®16								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2

TABLE 1

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
TUNQCX	PowerPlex®16								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
UGR3U4	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
UH42QX	Identifiler® PowerPlex®16								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
UMZQ86	Identifiler Plus								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
UNPY9U	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
UNV7LM	Identifiler Plus								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
UP3NFC	Minifiler, Identifiler Plus								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
UUF6EG	Identifiler +								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
V2BNRW	Identifiler® PowerPlex®16								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
V2QWWQ	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
V2V6AK	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2

TABLE 1

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
VRNMBM	Identifiler®								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
VT3UW4	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
VTWR24	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
WLBQ9	Identifiler Plus								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
W6L7FQ	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
WALAD6	Identifiler Plus								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
WJ4VET	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
X27QU7	Identifiler®								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
XKZNVX	Identifiler Plus								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
XPVDEQ	Identifiler®								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2

TABLE 1

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11	
XQ3VB2	Identifiler®									
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2	
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2	
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2	
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2	
XRWLGF	Identifiler®									
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2	
XYFM2Y	Identifiler®									
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2	
Y3X4WP	Identifiler®									
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2	
YB2QDN	COfiler® and Profiler Plus® PowerPlex®16									
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2	
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2	
	YB7XQG	Identifiler®								
		1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
YDAQKF	Identifiler®									
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2	
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2	
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2	
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2	
YNVWFY	Identifiler®									
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2	
YX7Y3K	Identifiler® ID-Direct									
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2	
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2	
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2	
	4	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2	
YXZRPQ	Identifiler®									
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2	
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2	
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2	
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2	
YZKW72	Identifiler Plus									
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2	
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2	
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2	
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2	

TABLE 1

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
ZFG9GQ	PowerPlex®16								
	1	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7	11,15	13,14	9,13	16,18	30.2,33.2
ZNPUJY	COfiler® and Profiler Plus® Power Plex 16 HS								
	1	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2
	2	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	3	14,16	10,11	9,11	13,14	9,11	11,12	12,17	30,30.2
	4	14,16	7,13	7,7	11,15	13,14	9,13	16,18	30.2,33.2

See Additional Comments (Table 7) for laboratory specific notations.

STR Results - Part II

TABLE 2

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
2ANT34	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
2BE24R	1	X,X	8,12	23,24	7,9.3	9,12	15,17	N/A	N/A
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	N/A	N/A
2E27AH	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
2N6LVF	1	X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X	8,12	23,24	7,9.3	9,12	15,17		
3BCJRE	1	X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
3PD67X	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
3RHND7	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
3ZFDYF	1	X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X	8,12	23,24	7,9.3	9,12	15,17		
46PWWN	1	X	8,12	23,24	7,9.3	9,12	15,17	13	8,11
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	4	X	8,12	23,24	7,9.3	9,12	15,17	13	8,11
493VN9	1	X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X	8,12	23,24	7,9.3	9,12	15,17		
4C4PZR	1	X,X	8,12	23,24	7,9.3	9,12	15,17	13,13	8,11
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	4	X,X	8,12	23,24	7,9.3	9,12	15,17	13,13	8,11
4NFCNJ	1	X,X	8,12	23,24	7,9.3	9,12	15,17	13,13	8,11
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8

TABLE 2

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
4VDYNV	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
69K6GA	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
6AC4Q2	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
6B9GDU	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
6MZ8XX	1	X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
6PUQ47	1	X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X	8,12	23,24	7,9.3	9,12	15,17		
6T47AN	1	X,X	8,12	23,24	7,9.3	9,12	15,17	13,13	8,11
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
6U3CQH	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
6UX4DN	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
6YTVLK	1	X,X	8,12	23,24	7,9.3	9,12	15,17	NE	NE
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	NE	NE
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18	NE	NE
	4	X,X	8,12	23,24	7,9.3	9,12	15,17	NE	NE
79F8GX	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
7A6HAC	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
7CVL3J	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		

TABLE 2

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
7JDUNU	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
7KU3YH	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
7WGFRJ	1	X,X	8,12	23,24	7,9.3	9,12	15,17	13,13	8,11
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	4	X,X	8,12	23,24	7,9.3	9,12	15,17	13,13	8,11
7WLN4D	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
7WNHMJ	1	X	8,12	23,24	7,9.3	9,12	15,17	13	8,11
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	4	X	8,12	23,24	7,9.3	9,12	15,17	13	8,11
82TGU3	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
89R9UJ	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
8FTFHY	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
8GJNJN	1	X,X	8,12	23,24	7,9.3	9,12	15,17	13,13	8,11
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	4	X,X	8,12	23,24	7,9.3	9,12	15,17	13,13	8,11
8JRU6P	1	X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
8UC7G2	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
8W2GAF	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		

TABLE 2

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
8XRK3M	1	X,X	8,12	23,24	7,9.3	9,12	15,17	13,13	8,11
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	4	X,X	8,12	23,24	7,9.3	9,12	15,17	13,13	8,11
8XXMYM	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
96QEKL	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
9C8VCV	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
9K3ZXJ	1	X,X	8,12	23,24	7,9.3	9,12	15,17	13,13	8,11
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	4	X,X	8,12	23,24	7,9.3	9,12	15,17	13,13	8,11
9MPK69	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
9U6D3Q	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
9WCQLD	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
9Y6KL3	1	X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X	8,12	23,24	7,9.3	9,12	15,17		
9YZC99	1	X,X	8,12	23,24	7,9.3	9,12	15,17	NE	NE
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	NE	NE
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18	NE	NE
	4	X,X	8,12	23,24	7,9.3	9,12	15,17	NE	NE
A2L9HK	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
A2LFF7	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		

TABLE 2

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
A984JP	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
AF47DN	1	X,X	8,12	23,24	7,9.3	9,12	15,17	13,13	8,11
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
AG2C3U	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
AKGRNF	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
AVGA8V	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
AW8H9J	1	X,X	8,12	23,24	7,9.3	9,12	15,17	13,13	8,11
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
AZQNTZ	1	X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X	8,12	23,24	7,9.3	9,12	15,17		
B47H6R	1	X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
B6FP8K	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
B7YC6G	1	X	8,12	23,24	7,9.3	9,12	15,17	13	8,11
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	4	X	8,12	23,24	7,9.3	9,12	15,17	13	8,11
B8R3BV	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
B9HBCJ	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		

TABLE 2

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
BEMCCD	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
BERJP8	1	X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X	8,12	23,24	7,9.3	9,12	15,17		
BGXAPV	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
BHMHRJ	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
BJ3UFG	1	X,X	8,12	23,24	7,9.3	9,12	15,17	13,13	8,11
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
BRFL7E	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
C6EW77	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
CB2R6N	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
CH4UDV	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
CHMVZX	1	X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X	8,12	23,24	7,9.3	9,12	15,17		
CPZQU7	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
CT7A2E	1	X	8,12	23,24	7,9.3	9,12	15,17	13	8,11
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	4	X	8,12	23,24	7,9.3	9,12	15,17	13	8,11

TABLE 2

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
CUDLJG	1	X,X	8,12	23,24	7,9.3	9,12	15,17	13,13	8,11
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
D42PH3	1	X,X	8,12	23,24	7,9.3	9,12	15,17	13,13	8,11
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	3	NA	NA	NA	NA	NA	NA	NA	NA
	4	NA	NA	NA	NA	NA	NA	NA	NA
D4JTXG	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
D7HBPG	1	X,X	8,12	23,24	7,9.3	9,12	15,17	13,13	8,11
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	4	X,X	8,12	23,24	7,9.3	9,12	15,17	13,13	8,11
D7MJ3B	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
D7PELG	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
DTU8K6	1	X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X	8,12	23,24	7,9.3	9,12	15,17		
DTXUWD	1	X,X	8,12	23,24	7,9.3	9,12	15,17	13,13	8,11
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	4	X,X	8,12	23,24	7,9.3	9,12	15,17	13,13	8,11
DXW4CL	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
EBW3YH	1	X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
EC3TJH	1	X,X	8,12	23,24	7,9.3	9,12	15,17	13,13	8,11
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
EEBURW	1	X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X	8,12	23,24	7,9.3	9,12	15,17		

TABLE 2

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
EGLKFE	1	X,X	8,12	23,24	7,9.3	9,12	15,17	13,13	8,11
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
FDGBLN	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
FDXPPR	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
G2H4XH	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
G3DKCZ	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
G3VNRD	1	X	8,12	23,24	7,9.3	9,12	15,17	13	8,11
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18	NOT TESTED	NOT TESTED
	4	X	8,12	23,24	7,9.3	9,12	15,17	NOT TESTED	NOT TESTED
G64N68	1	X,X	8,12	23,24	7,9.3	9,12	15,17	NE	NE
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	NE	NE
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18	NE	NE
	4	X,X	8,12	23,24	7,9.3	9,12	15,17	NE	NE
GBQRVB	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
GFFBTY	1	X	8,12	23,24	7,9.3	9,12	15,17	13	8,11
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	4	X	8,12	23,24	7,9.3	9,12	15,17	13	8,11
GNEQPX	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
GW8G8	1	X		23,24			15,17		
	2	X,Y		18,24			15,18		
	3	X,Y		18,24			15,18		
	4	X		23,24			15,17		
GZN9JM	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		

TABLE 2

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
H2CAT3	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
H6D7KH	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
HB6FTV	1	X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
HCZV8D	1	X	8,12	23,24	7,9.3	9,12	15,17	N/A	N/A
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	N/A	N/A
HD7GVD	1	X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
HEKUEG	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
HKAKMX	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
HP3MNC	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
JCU23X	1	X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X	8,12	23,24	7,9.3	9,12	15,17		
JLG3GM	1	X,X	8,12	23,24	7,9.3	9,12	15,17	NA	NA
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	NA	NA
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18	NA	NA
	4	X,X	8,12	23,24	7,9.3	9,12	15,17	NA	NA
JLG9E9	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
JMUUA4	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		

TABLE 2

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
JQB72E	1	X,X	8,12	23,24	7,9.3	9,12	15,17	13,13	8,11
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
JY697B	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
KCRTA6	1	X	8,12	23,24	7,9.3	9,12	15,17	13	8,11
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	4	X	8,12	23,24	7,9.3	9,12	15,17	13	8,11
KLC6LG	1	X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
KN2FEV	1	X,X	8,12	23,24	7,9.3	9,12	15,17	13,13	8,11
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	3	NA	NA	NA	NA	NA	NA	NA	NA
	4	NA	NA	NA	NA	NA	NA	NA	NA
KN32CW	1	X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
KUTFYH	1	X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
KXP3T7	1	X	8,12	23,24	7,9.3	9,12	15,17	13	8,11
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	4	X	8,12	23,24	7,9.3	9,12	15,17	13	8,11
KYJTYK	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
KYJZW7	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
LADNAL	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
LC98FT	1	X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X	8,12	23,24	7,9.3	9,12	15,17		

TABLE 2

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
LDWPAY	1	X,X	8,12	23,24	7,9.3	9,12	15,17	13,13	8,11
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	3	NA	NA	NA	NA	NA	NA	NA	NA
	4	NA	NA	NA	NA	NA	NA	NA	NA
LK2KD8	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
MDW63Q	1	X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X	8,12	23,24	7,9.3	9,12	15,17		
MELFV4	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
MJJVPL	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
ML97HY	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
MLPFCL	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
N6TK9T	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
N6YRLM	1	X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X	8,12	23,24	7,9.3	9,12	15,17		
NHMWRY	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
NJE3ZC	1	X	8,12	23,24	7,9.3	9,12	15,17	13	8,11
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	4	X	8,12	23,24	7,9.3	9,12	15,17	13	8,11

TABLE 2

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
NLZL82	1	X,X	8,12	23,24	7,9.3	9,12	15,17	NE	NE
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	NE	NE
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18	NE	NE
	4	X,X	8,12	23,24	7,9.3	9,12	15,17	NE	NE
NTMCRB	1	X,X	8,12	23,24	7,9.3	9,12	15,17	13,13	8,11
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	4	X,X	8,12	23,24	7,9.3	9,12	15,17	13,13	8,11
NVHDC	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
P792AE	1	X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
PA99TQ	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
PB4THB	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
PEHNX9	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
PJCKMY	1	X,X	8,12	23,24	7,9.3	9,12	15,17	13,13	8,11
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	4	X,X	8,12	23,24	7,9.3	9,12	15,17	13,13	8,11
PZGR32	1	X	8,12	23,24	7,9.3	9,12	15,17	13	8,11
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	4	X	8,12	23,24	7,9.3	9,12	15,17	13	8,11
Q4DZJF	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
Q744CM	1	X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X	8,12	23,24	7,9.3	9,12	15,17		
QLDRJW	1	X,X	8,12	23,24	7,9.3	9,12	15,17	13,13	8,11
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8

TABLE 2

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
QLJZWQ	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
QPW3EF	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
QUN8CQ	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
R9QXTN	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
RAT3XW	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
RVWQM8	1	X,X	8,12	23,24	7,9.3	9,12	15,17	13,13	8,11
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	4	X,X	8,12	23,24	7,9.3	9,12	15,17	13,13	8,11
T3DGUK	1	X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X	8,12	23,24	7,9.3	9,12	15,17		
T6YFQU	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
TCGR4V	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
TELG74	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
TGDDWJ	1	X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X	8,12	23,24	7,9.3	9,12	15,17		
TJ4HQQ	1	X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X	8,12	23,24	7,9.3	9,12	15,17		

TABLE 2

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
TL6UZW	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
TRRHV2	1	X,X	8,12	23,24	7,9.3	9,12	15,17	13,13	8,11
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	4	X,X	8,12	23,24	7,9.3	9,12	15,17	13,13	8,11
TUNQCX	1	X	8,12	23,24	7,9.3	9,12	15,17	13	8,11
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	4	X	8,12	23,24	7,9.3	9,12	15,17	13	8,11
UGR3U4	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
UH42QX	1	X,X	8,12	23,24	7,9.3	9,12	15,17	13,13	8,11
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
UMZQ86	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
UNPY9U	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
UNV7LM	1	X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X	8,12	23,24	7,9.3	9,12	15,17		
UP3NFC	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
UUF6EG	1	X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X	8,12	23,24	7,9.3	9,12	15,17		
V2BNRW	1	X,X	8,12	23,24	7,9.3	9,12	15,17	13,13	8,11
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
V2QWWQ	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		

TABLE 2

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
V2V6AK	1	X,X	8,12	23,24	7,9.3	9,12	15,17	N/A	N/A
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	N/A	N/A
VRNMBM	1	X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X	8,12	23,24	7,9.3	9,12	15,17		
VT3UW4	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
VTWR24	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
WLBQ9	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
W6L7FQ	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
WALAD6	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
WJ4VET	1	X,X	8,12	23,24	7,9.3	9,12	15,17	NE	NE
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	NE	NE
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18	NE	NE
	4	X,X	8,12	23,24	7,9.3	9,12	15,17	NE	NE
X27QU7	1	X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
XKZNVX	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
XPVDEQ	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
XQ3VB2	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		

TABLE 2

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
XRWLGF	1	X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
XYFM2Y	1	X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
Y3X4WP	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
YB2QDN	1	X,X	8,12	23,24	7,9.3	9,12	15,17	13,13	8,11
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
YB7XQG	1	X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
YDAQKF	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
YNVWFY	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
YX7Y3K	1	X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X	8,12	23,24	7,9.3	9,12	15,17		
YXZRPQ	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
YZKW72	1	X,X	8,12	23,24	7,9.3	9,12	15,17		
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18		
	4	X,X	8,12	23,24	7,9.3	9,12	15,17		
ZFG9GQ	1	X	8,12	23,24	7,9.3	9,12	15,17	13	8,11
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	4	X	8,12	23,24	7,9.3	9,12	15,17	13	8,11
ZNPUIY	1	X,X	8,12	23,24	7,9.3	9,12	15,17	13,13	8,11
	2	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	3	X,Y	10,11	18,24	7,9.3	9,11	15,18	10,11	7,8
	4	X,X	8,12	23,24	7,9.3	9,12	15,17	13,13	8,11

See Additional Comments (Table 7) for laboratory specific notations.

STR Results - Part III

TABLE 3

WebCode	Item	D2S1338	D19S433
2ANT34	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
2BE24R	1	17,19	13,13
	2	17,23	14,15
2E27AH	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
2N6LVF	1	17,19	13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13
3BCJRE	1	17,19	13
	2	17,23	14,15
3PD67X	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
3RHND7	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
3ZFDYF	1	17,19	13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13
493VN9	1	17,19	13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13
4C4PZR	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
4NFCNJ	1	17,19	13,13
	2	17,23	14,15

TABLE 3

WebCode	Item	D2S1338	D19S433
4VDYNV	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
69K6GA	1	17,19	13,13
	2	17,23	14,15
6AC4Q2	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
6B9GDU	1	17,19	13,13
	2	17,23	14,15
6MZ8XX	1	17,19	13
	2	17,23	14,15
6PUQ47	1	17,19	13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13
6T47AN	1	17,19	13,13
	2	17,23	14,15
6U3CQH	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
6UX4DN	1	17,19	13,13
	2	17,23	14,15
6YTVLK	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
79F8GX	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
7A6HAC	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
7CVL3J	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13

TABLE 3

WebCode	Item	D2S1338	D19S433
7JDUNU	1	17,19	13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13
7WGFRJ	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
82TGU3	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
8FTFHY	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
8GJNJN	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
8JRU6P	1	17,19	13
	2	17,23	14,15
8UC7G2	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
8W2GAF	1	17,19	13,13
	2	17,23	14,15
8XRK3M	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
8XXMYM	1	17,19	13,13
	2	17,23	14,15
96QEKL	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
9C8VCV	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13

TABLE 3

WebCode	Item	D2S1338	D19S433
9K3ZXJ	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
9MPK69	1	17,19	13,13
	2	17,23	14,15
9U6D3Q	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
9WCQLD	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
9Y6KL3	1	17,19	13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13
9YZC99	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
A2L9HK	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
A2LFF7	1	17,19	13,13
	2	17,23	14,15
A984JP	1	17,19	13,13
	2	17,23	14,15
AF47DN	1	17,19	13,13
	2	17,23	14,15
AG2C3U	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
AKGRNF	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13

TABLE 3

WebCode	Item	D2S1338	D19S433
AVGA8V	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
AW8H9J	1	17,19	13,13
	2	17,23	14,15
AZQNTZ	1	17,19	13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13
B47H6R	1	17,19	13
	2	17,23	14,15
B6FP8K	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
B8R3BV	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
BEMCCD	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
BERJP8	1	17,19	13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13
BGXAPV	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
BJ3UFG	1	17,19	13,13
	2	17,23	14,15
BRFL7E	1	17,19	13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13
C6EW77	1	17,19	13,13
	2	17,23	14,15

TABLE 3

WebCode	Item	D2S1338	D19S433
CB2R6N	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
CH4UDV	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
CHMVZX	1	17,19	13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13
CPZQU7	1	17,19	12.2
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	12.2
CUDLJG	1	17,19	13,13
	2	17,23	14,15
D42PH3	1	17,19	13,13
	2	17,23	14,15
	3	NA	NA
	4	NA	NA
D4JTXG	1	17,19	13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13
D7HBPG	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
D7MJ3B	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
D7PELG	1	17,19	13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13
DTU8K6	1	17,19	13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13

TABLE 3

WebCode	Item	D2S1338	D19S433
DTXUWD	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
DXW4CL	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
EBW3YH	1	17,19	13
	2	17,23	14,15
EC3TJH	1	17,19	13,13
	2	17,23	14,15
EEBURW	1	17,19	13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13
EGLKFE	1	17,19	13,13
	2	17,23	14,15
FDGBLN	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
FDXPPR	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
G2H4XH	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
G3DKCZ	1	17,19	13,13
	2	17,23	14,15
G64N68	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
GBQRVB	1	17,19	13,13
	2	17,23	14,15
GFFBTY	1	17,19	13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13

TABLE 3

WebCode	Item	D2S1338	D19S433
GNEQPX	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
GZN9JM	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
H2CAT3	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
H6D7KH	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
HB6FTV	1	17,19	13
	2	17,23	14,15
HCZV8D	1	17,19	13
	2	17,23	14,15
HD7GVD	1	17,19	13
	2	17,23	14,15
HKAKMX	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
HP3MNC	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
JCU23X	1	17,19	13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13
JLG3GM	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
JMUUA4	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13

TABLE 3

WebCode	Item	D2S1338	D19S433
JQB72E	1	17,19	13,13
	2	17,23	14,15
KLC6LG	1	17,19	13
	2	17,23	14,15
KN2FEV	1	17,19	13,13
	2	17,23	14,15
	3	NA	NA
	4	NA	NA
KN32CW	1	17,19	13
	2	17,23	14,15
KUTFYH	1	17,19	13
	2	17,23	14,15
KYJTYK	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
LADNAL	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
LC98FT	1	17,19	13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13
LDWPAY	1	17,19	13,13
	2	17,23	14,15
	3	NA	NA
	4	NA	NA
LK2KD8	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
MDW63Q	1	17,19	13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13
MELFV4	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13

TABLE 3

WebCode	Item	D2S1338	D19S433
MJJVPL	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
ML97HY	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
MLPFCL	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
N6TK9T	1	17,19	13,13
	2	17,23	14,15
N6YRLM	1	17,19	13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13
NHMWRY	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
NLZL82	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
NTMCRB	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
NVVHDC	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
P792AE	1	17,19	13
	2	17,23	14,15
PA99TQ	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13

TABLE 3

WebCode	Item	D2S1338	D19S433
PB4THB	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
Q4DZJF	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
Q744CM	1	17,19	13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13
QLJZWQ	1	17,19	13,13
	2	17,23	14,15
QPW3EF	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
QUN8CQ	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
R9QXTN	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
RAT3XW	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
RVWQM8	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
T3DGUK	1	17,19	13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13
T6YFQU	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13

TABLE 3

WebCode	Item	D2S1338	D19S433
TCGR4V	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
TELG74	1	17,19	13,13
	2	17,23	14,15
TGDDWJ	1	17,19	13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13
TJ4HQQ	1	17,19	13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13
TL6UZW	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
TRRHV2	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
UGR3U4	1	17,19	13,13
	2	17,23	14,15
UH42QX	1	17,19	13,13
	2	17,23	14,15
UMZQ86	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
UNPY9U	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
UNV7LM	1	17,19	13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13
UP3NFC	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13

TABLE 3

WebCode	Item	D2S1338	D19S433
UUF6EG	1	17,19	13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13
V2BNRW	1	17,19	13,13
	2	17,23	14,15
V2QWWQ	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
V2V6AK	1	17,19	13,13
	2	17,23	14,15
VRNMBM	1	17,19	13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13
VT3UW4	1	17,19	13,13
	2	17,23	14,15
VTWR24	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
WLBQ9	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
W6L7FQ	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
WALAD6	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
WJ4VET	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
X27QU7	1	17,19	13
	2	17,23	14,15

TABLE 3

WebCode	Item	D2S1338	D19S433
XKZNVX	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
XPVDEQ	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
XQ3VB2	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
XRWLGf	1	17,19	13
	2	17,23	14,15
XYFM2Y	1	17,19	13
	2	17,23	14,15
Y3X4WP	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
YB7XQG	1	17,19	13
	2	17,23	14,15
YDAQKF	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
YNWwFY	1	17,19	13,13
	2	17,23	14,15
YX7Y3K	1	17,19	13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13
YXZRPQ	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13
YZKW72	1	17,19	13,13
	2	17,23	14,15
	3	17,23	14,15
	4	17,19	13,13

See Additional Comments (Table 7) for laboratory specific notations.

Amplification Kit & YSTR Results - Part I

TABLE 4

WebCode	Item	Kits	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391
2E27AH		Yfiler®						
	2		15	16,16	13	30	21	10
	3		15	16,16	13	30	21	10
46PWWN		Yfiler®						
	2		15	16	13	30	21	10
	3		15	16	13	30	21	10
	4		NR	NR	NR	NR	NR	NR
493VN9		Yfiler®						
	2		15	16	13	30	21	10
	3		15	16	13	30	21	10
4NFCNJ		PowerPlex®Y						
	2		15	16,16	13	30	21	10
4VDYNV		Yfiler®						
	1		NR	NR	NR	NR	NR	NR
	2		15	16,16	13	30	21	10
	3		15	16,16	13	30	21	10
	4		NR	NR	NR	NR	NR	NR
6AC4Q2								
	2		15	16	13	30	21	10
	3		15	16	13	30	21	10
6MZ8XX		Yfiler®						
	2		15	16	13	30	21	10
6YTVLK		Yfiler®						
	1		NE	NE	NE	NE	NE	NE
	2		15	16,16	13	30	21	10
	3		15	16,16	13	30	21	10
	4		NE	NE	NE	NE	NE	NE
7A6HAC		Yfiler®						
	2		15	16,16	13	30	21	10
	3		15	16,16	13	30	21	10
7CVL3J		Yfiler®						
	2		15	16,16	13	30	21	10
	3		15	16,16	13	30	21	10
7WNHMJ		Yfiler®						
	2		15	16	13	30	21	10
	3		15	16	13	30	21	10
	4		NR	NR	NR	NR	NR	NR

TABLE 4

WebCode	Item	Kits	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391
8FTFHY		Yfiler®						
	2		15	16	13	30	21	10
	3		15	16	13	30	21	10
8GJNJN		Yfiler®						
	2		15	16,16	13	30	21	10
	3		15	16,16	13	30	21	10
	4		NR	NR	NR	NR	NR	NR
8XRK3M		PowerPlex®Y						
	2		15	16,16	13	30	21	10
	3		15	16,16	13	30	21	10
	4		NR	NR	NR	NR	NR	NR
96QEKL		Yfiler®						
	2		15	16,16	13	30	21	10
	3		15	16,16	13	30	21	10
9C8VCV		Yfiler®						
	2		15	16,16	13	30	21	10
	3		15	16,16	13	30	21	10
9K3ZXJ		Yfiler®						
	2		15	16,16	13	30	21	10
	3		15	16,16	13	30	21	10
	4		NR	NR	NR	NR	NR	NR
9U6D3Q		Yfiler®						
	2		15	16,16	13	30	21	10
	3		15	16,16	13	30	21	10
9YZC99		Yfiler®						
	1		NE	NE	NE	NE	NE	NE
	2		15	16,16	13	30	21	10
	3		15	16,16	13	30	21	10
	4		NE	NE	NE	NE	NE	NE
A2L9HK		Yfiler®						
	2		15	16,16	13	30	21	10
	3		15	16,16	13	30	21	10
AG2C3U		Yfiler®						
	2		15	16,16	13	30	21	10
	3		15	16,16	13	30	21	10
AKGRNF		Yfiler®						
	2		15	16,16	13	30	21	10
	3		15	16,16	13	30	21	10
B6FP8K		Yfiler®						
	2		15	16	13	30	21	10
	3		15	16	13	30	21	10

TABLE 4

WebCode	Item	Kits	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391
B7YC6G		Yfiler®						
	2		15	16	13	30	21	10
	3		15	16	13	30	21	10
	4		NR	NR	NR	NR	NR	NR
		Yfiler®						
	2		15	16,16	13	30	21	10
BEMCCD	3		15	16,16	13	30	21	10
		Yfiler®						
BRFL7E	2		15	16	13	30	21	10
	3		15	16	13	30	21	10
CT7A2E		Yfiler®						
	2		15	16	13	30	21	10
	3		15	16	13	30	21	10
	4		NR	NR	NR	NR	NR	NR
		Yfiler®						
	2		15	16	13	30	21	10
D4JTXG	3		15	16	13	30	21	10
		PowerPlex®Y						
D7MJ3B	2		15	16,16	13	30	21	10
	3		15	16,16	13	30	21	10
D7PELG		Yfiler®						
	2		15	16	13	30	21	10
	3		15	16	13	30	21	10
		Yfiler®						
DTXUWD	2		15	16,16	13	30	21	10
	3		15	16,16	13	30	21	10
	4		NR	NR	NR	NR	NR	NR
DXW4CL		Yfiler®						
	2		15	16	13	30	21	10
	3		15	16	13	30	21	10
		Yfiler®						
FDGBLN	2		15	16,16	13	30	21	10
	3		15	16,16	13	30	21	10
G2H4XH		Yfiler®						
	2		15	16,16	13	30	21	10
	3		15	16,16	13	30	21	10
	4		NR	NR	NR	NR	NR	NR
		Yfiler®						
	1		NE	NE	NE	NE	NE	NE
G64N68	2		15	16,16	13	30	21	10
	3		15	16,16	13	30	21	10
	4		NE	NE	NE	NE	NE	NE

TABLE 4

WebCode	Item	Kits	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391
GFFBTY		Yfiler®						
	2		15	16	13	30	21	10
	3		15	16	13	30	21	10
GW8G8		Yfiler®						
	2		15	16	13	30	21	10
	3		15	16	13	30	21	10
GZN9JM		Yfiler®						
	2		15	16,16	13	30	21	10
	3		15	16,16	13	30	21	10
H2CAT3		Yfiler®						
	2		15	16,16	13	30	21	10
	3		15	16,16	13	30	21	10
HD7GVD		Yfiler®						
	2		15	16	13	30	21	10
KCRTA6		Yfiler®						
	2		15	16	13	30	21	10
	3		15	16	13	30	21	10
	4		NR	NR	NR	NR	NR	NR
KUTFYH		Yfiler®						
	2		15	16	13	30	21	10
KXP3T7		Yfiler®						
	2		15	16	13	30	21	10
	3		15	16	13	30	21	10
	4		NR	NR	NR	NR	NR	NR
LDWPAY		Yfiler®						
	1		NR	NR	NR	NR	NR	NR
	2		15	16	13	30	21	10
	3		NA	NA	NA	NA	NA	NA
	4		NA	NA	NA	NA	NA	NA
LK2KD8		PowerPlex®Y						
	1		ND	ND	ND	ND	ND	ND
	2		15	16,16	13	30	21	10
	3		15	16,16	13	30	21	10
	4		ND	ND	ND	ND	ND	ND
MELFV4		PowerPlex®Y						
	2		15	16,16	13	30	21	10
	3		15	16,16	13	30	21	10
NHMWRY		Yfiler®						
	2		15	16,16	13	30	21	10
	3		15	16,16	13	30	21	10

TABLE 4

WebCode	Item	Kits	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391
NJE3ZC		PowerPlex®Y						
	2		15	16	13	30	21	10
	3		15	16	13	30	21	10
NLZL82		Yfiler®						
	1		NE	NE	NE	NE	NE	NE
	2		15	16,16	13	30	21	10
	3		15	16,16	13	30	21	10
	4		NE	NE	NE	NE	NE	NE
NWHDC		Yfiler®						
	1		None	None	None	None	None	None
	2		15	16,16	13	30	21	10
	3		15	16,16	13	30	21	10
	4		None	None	None	None	None	None
P792AE	2	Yfiler®	15	16	13	30	21	10
PJCKMY		PowerPlex®Y						
	2		15	16	13	30	21	10
	3		15	16	13	30	21	10
PZGR32		Yfiler®						
	2		15	16	13	30	21	10
	3		15	16	13	30	21	10
	4		NR	NR	NR	NR	NR	NR
QLJZWQ	2	Yfiler®	15	16,16	13	30	21	10
QUN8CQ		Yfiler®						
	2		15	16,16	13	30	21	10
	3		15	16,16	13	30	21	10
R9QXTN	2	Yfiler®	15	16,16	13	30	21	10
RAT3XW		Yfiler®						
	2		15	16,16	13	30	21	10
	3		15	16,16	13	30	21	10
T3DGUK		Yfiler®						
	2		15	16	13	30	21	10
	3		15	16	13	30	21	10
TL6UZW		Yfiler®						
	2		15	16,16	13	30	21	10
	3		15	16,16	13	30	21	10

TABLE 4

WebCode	Item	Kits	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391
TUNQCX		Yfiler®						
	2		15	16	13	30	21	10
	3		15	16	13	30	21	10
	4		NR	NR	NR	NR	NR	NR
		Yfiler®						
	1		none	none	none	none	none	none
UMZQ86	2		15	16,16	13	30	21	10
	3		15	16,16	13	30	21	10
	4		none	none	none	none	none	none
UNPY9U		Yfiler®						
	2		15	16,16	13	30	21	10
	3		15	16,16	13	30	21	10
V2QWWQ		Yfiler®						
	2		15	16,16	13	30	21	10
	3		15	16,16	13	30	21	10
V2V6AK		Yfiler®						
	1		N/A	N/A	N/A	N/A	N/A	N/A
	2		15	16,16	13	30	21	10
VTWR24		Yfiler®						
	2		15	16,16	13	30	21	10
	3		15	16,16	13	30	21	10
W6L7FQ		Yfiler®						
	1		NR	NR	NR	NR	NR	NR
	2		15	16,16	13	30	21	10
	3		15	16,16	13	30	21	10
	4		NR	NR	NR	NR	NR	NR
WJ4VET		Yfiler®						
	1		NE	NE	NE	NE	NE	NE
	2		15	16,16	13	30	21	10
	3		15	16,16	13	30	21	10
	4		NE	NE	NE	NE	NE	NE
X27QU7	2	Yfiler®	15	16	13	30	21	10
XKZNVX		Yfiler®						
	2		15	16,16	13	30	21	10
	3		15	16,16	13	30	21	10
XQ3VB2		Yfiler®						
	1		ND	ND	ND	ND	ND	ND
	2		15	16,16	13	30	21	10
	3		15	16,16	13	30	21	10
	4		ND	ND	ND	ND	ND	ND

TABLE 4

WebCode	Item	Kits	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391
Y3X4WP		Yfiler®						
	2		15	16,16	13	30	21	10
	3		15	16,16	13	30	21	10
YB2QDN		PowerPlex®Y						
	2		15	16,16	13	30	21	10
YDAQKF		Yfiler®						
	2		15	16,16	13	30	21	10
YXZRPQ		Yfiler®						
	2		15	16,16	13	30	21	10
	3		15	16,16	13	30	21	10
YZKW72		Yfiler®						
	1		NR	NR	NR	NR	NR	NR
	2		15	16,16	13	30	21	10
	3		15	16,16	13	30	21	10
	4	NR	NR	NR	NR	NR	NR	
ZFG9GQ		Yfiler®						
	2		15	16	13	30	21	10
	3		15	16	13	30	21	10
	4	NR	NR	NR	NR	NR	NR	
ZNPUJY		Yfiler®						
	2		15	16,16	13	30	21	10
	3		15	16,16	13	30	21	10
	4	NR	NR	NR	NR	NR	NR	

See Additional Comments (Table 8) for laboratory specific notations.

YSTR Results - Part II

TABLE 5

WebCode	Item	DYS392	DYS393	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS635	YGATAH4
2E27AH	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
46PWWN	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
	4	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
493VN9	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
4NFCNJ	2	11	13	14	11	13					
4VDYNV	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
	4	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
6AC4Q2	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
6MZ8XX	2	11	13	14	11	13	21	15	16	21	12
6YTVLK	1	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
	4	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
7A6HAC	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
7CVL3J	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
7WNHMJ	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
	4	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
8FTFHY	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
8GJNJJ	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
	4	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
8XRK3M	2	11	13	14	11	13					
	3	11	13	14	11	13					
	4	NR	NR	NR	NR	NR					
96QEKL	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
9C8VCV	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12

TABLE 5

WebCode	Item	DYS392	DYS393	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS635	YGATAH4
9K3ZXJ	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
	4	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
9U6D3Q	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
9YZC99	1	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
	4	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
A2L9HK	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
AG2C3U	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
AKGRNF	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
B6FP8K	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
B7YC6G	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
	4	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
BEMCCD	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
BRFL7E	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
CT7A2E	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
	4	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
D4JTXG	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
D7MJ3B	2	11	13	14	11	13					
	3	11	13	14	11	13					
D7PELG	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
DTXUWD	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
	4	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
DXW4CL	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12

TABLE 5

WebCode	Item	DYS392	DYS393	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS635	YGATAH4
FDGBLN	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
G2H4XH	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
	4	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
G64N68	1	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
	4	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
GFFBTY	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
GW8G8	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
GZN9JM	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
H2CAT3	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
HD7GVD	2	11	13	14	11	13	21	15	16	21	12
KCRTA6	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
	4	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
KUTFYH	2	11	13	14	11	13	21	15	16	21	12
KXP3T7	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
	4	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
LDWPAY	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	2	11	13	14	11	13	21	15	16	21	12
	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LK2KD8	1	ND	ND	ND	ND	ND					
	2	11	13	14	11	13					
	3	11	13	14	11	13					
	4	ND	ND	ND	ND	ND					
MELFV4	2	11	13	14	11	13					
	3	11	13	14	11	13					
NHMWRY	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
NJE3ZC	2	11	13	14	11	13					
	3	11	13	14	11	13					

TABLE 5

WebCode	Item	DYS392	DYS393	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS635	YGATAH4
NLZL82	1	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
	4	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
NVHDC	1	None	None	None	None	None	None	None	None	None	None
	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
	4	None	None	None	None	None	None	None	None	None	None
P792AE	2	11	13	14	11	13	21	15	16	21	12
PJCKMY	2	11	13	14	11	13					
	3	11	13	14	11	13					
PZGR32	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
	4	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
QLJZWQ	2	11	13	14	11	13	21	15	16	21	12
QUN8CQ	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
R9QXTN	2	11	13	14	11	13	21	15	16	21	12
RAT3XW	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
T3DGUK	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
TL6UZW	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
TUNQCX	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
	4	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
UMZQ86	1	none	none	none	none	none	none	none	none	none	none
	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
	4	none	none	none	none	none	none	none	none	none	none
UNPY9U	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
V2QWWQ	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
V2V6AK	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2	11	13	14	11	13	21	15	16	21	12
VTWR24	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12

TABLE 5

WebCode	Item	DYS392	DYS393	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS635	YGATAH4
W6L7FQ	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
	4	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
WJ4VET	1	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
	4	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
X27QU7	2	11	13	14	11	13	21	15	16	21	12
XKZNVX	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
XQ3VB2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Y3X4WP	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
YB2QDN	2	11	13	14	11	13					
YDAQKF	2	11	13	14	11	13	21	15	16	21	12
YZRPQ	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
YZKW72	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
	4	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
ZFG9GQ	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
	4	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
ZNPUJY	2	11	13	14	11	13	21	15	16	21	12
	3	11	13	14	11	13	21	15	16	21	12
	4	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

See Additional Comments (Table 8) for laboratory specific notations.

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 6

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
2ANT34	No	Yes	Yes	No	79F8GX	No	Yes	Yes	No
2BE24R	No Interpretations Reported, DNA Analyzed for Database purposes only.				7A6HAC	No	Yes	Yes	No
2E27AH	No	Yes	Yes	No	7CVL3J	No	Yes	Yes	No
2N6LVF	No	Yes	Yes	No	7JDUNU	No	Yes	Yes	No
3BCJRE	No Interpretations Reported, DNA Analyzed for Database purposes only.				7KU3YH	No	Yes	Yes	No
3PD67X	No	Yes	Yes	No	7WGFRJ	No	Yes	Yes	No
3RHND7	No	Yes	Yes	No	7WLN4D	No	Yes	Yes	No
3ZFDYF	No Interpretations Reported, DNA Analyzed for Database purposes only.				7WNHMJ	No	Yes	Yes	No
46PWWN	No	Yes	Yes	No	82TGU3	No	Yes	Yes	No
493VN9	No	Yes	Yes	No	89R9UJ	No	Yes	Yes	No
4C4PZR	No	Yes	Yes	No	8FTFHY	No	Yes	Yes	No
4NFCNJ	No Interpretations Reported, DNA Analyzed for Database purposes only.				8GJNJN	No	Yes	Yes	No
4VDYNV	No	Yes	Yes	No	8JRU6P	No Interpretations Reported, DNA Analyzed for Database purposes only.			
69K6GA					8UC7G2	No	Yes	Yes	No
6AC4Q2	No	Yes	Yes	No	8W2GAF	No Interpretations Reported, DNA Analyzed for Database purposes only.			
6B9GDU	No Interpretations Reported, DNA Analyzed for Database purposes only.				8XRK3M	No	Yes	Yes	No
6MZ8XX	No Interpretations Reported, DNA Analyzed for Database purposes only.				8XXMYM	No Interpretations Reported, DNA Analyzed for Database purposes only.			
6PUQ47	No	Yes	Yes	No	96QEKL	No	Yes	Yes	No
6T47AN	No Interpretations Reported, DNA Analyzed for Database purposes only.				9C8VCV	No	Yes	Yes	No
6U3CQH	No Interpretations Reported, DNA Analyzed for Database purposes only.				9K3ZXJ	No	Yes	Yes	No
6UX4DN	No Interpretations Reported, DNA Analyzed for Database purposes only.				9MPK69	No Interpretations Reported, DNA Analyzed for Database purposes only.			
6YTVLK	No	Yes	Yes	No	9U6D3Q	No	Yes	Yes	No

TABLE 6

WebCode	Victim (Item 1)		Suspect (Item 2)		WebCode	Victim (Item 1)		Suspect (Item 2)	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
9WCQLD	No Interpretations Reported, DNA Analyzed for Database purposes only.				CB2R6N	No	Yes	Yes	No
9Y6KL3	No	Yes	Yes	No	CH4UDV	No	Yes	Yes	No
9YZC99	No	Yes	Yes	No	CHMVZX	No	Yes	Yes	No
A2L9HK	No	Yes	Yes	No	CPZQU7	No	Yes	Yes	No
A2LFF7	No Interpretations Reported, DNA Analyzed for Database purposes only.				CT7A2E	No	Yes	Yes	No
A984JP	No Interpretations Reported, DNA Analyzed for Database purposes only.				CUDLJG	No Interpretations Reported, DNA Analyzed for Database purposes only.			
AF47DN	No Interpretations Reported, DNA Analyzed for Database purposes only.				D42PH3	No Interpretations Reported, DNA Analyzed for Database purposes only.			
AG2C3U	No	Yes	Yes	No	D4JTXG	No	Yes	Yes	No
AKGRNF	No	Yes	Yes	No	D7HBPG	No	Yes	Yes	No
AVGA8V	No	Yes	Yes	No	D7MJ3B	No	Yes	Yes	No
AW8H9J	No Interpretations Reported, DNA Analyzed for Database purposes only.				D7PELG	No	Yes	Yes	No
AZQNTZ	No	Yes	Yes	No	DTU8K6	No	Yes	Yes	No
B47H6R	No Interpretations Reported, DNA Analyzed for Database purposes only.				DTXUWD	No	Yes	Yes	No
B6FP8K	No	Yes	Yes	No	DXW4CL	No	Yes	Yes	No
B7YC6G	No	Yes	Yes	No	EBW3YH	No Interpretations Reported, DNA Analyzed for Database purposes only.			
B8R3BV	No	Yes	Yes	No	EC3TJH	No Interpretations Reported, DNA Analyzed for Database purposes only.			
B9HBCJ	No	Yes	Yes	No	EEBURW	No	Yes	Yes	No
BEMCCD	No	Yes	Yes	No	EGLKFE	No Interpretations Reported, DNA Analyzed for Database purposes only.			
BERJP8	No	Yes	Yes	No	FDGBLN	No	Yes	Yes	No
BGXAPV	No	Yes	Yes	No	FDXPPR	No	Yes	Yes	No
BHMHRJ	No	Yes	Yes	No	G2H4XH	No	Yes	Yes	No
BJ3UFG	No Interpretations Reported, DNA Analyzed for Database purposes only.				G3DKCZ	No Interpretations Reported, DNA Analyzed for Database purposes only.			
BRFL7E	No	Yes	Yes	No	G3VNRD	No	Yes	Yes	No
C6EW77	No Interpretations Reported, DNA Analyzed for Database purposes only.				G64N68	No	Yes	Yes	No

TABLE 6

WebCode	Victim (Item 1)		Suspect (Item 2)		WebCode	Victim (Item 1)		Suspect (Item 2)	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
GBQRVB	No Interpretations Reported, DNA Analyzed for Database purposes only.				KXP3T7	No	Yes	Yes	No
GFFBTY	No	Yes	Yes	No	KYJTYK	No	Yes	Yes	No
GNEQPX	No	Yes	Yes	No	KYJZW7	No	Yes	Yes	No
GW8G8	No	Yes	Yes	No	LADNAL	No	Yes	Yes	No
GZN9JM	No	Yes	Yes	No	LC98FT	No	Yes	Yes	No
H2CAT3	No	Yes	Yes	No	LDWPAY	No Interpretations Reported, DNA Analyzed for Database purposes only.			
H6D7KH	No	Yes	Yes	No	LK2KD8	No	Yes	Yes	No
HB6FTV	No Interpretations Reported, DNA Analyzed for Database purposes only.				MDW63Q	No	Yes	Yes	No
HCZV8D	No Interpretations Reported, DNA Analyzed for Database purposes only.				MELFV4	No	Yes	Yes	No
HD7GVD	No Interpretations Reported, DNA Analyzed for Database purposes only.				MJJVPL	No	Yes	Yes	No
HEKUEG	No	Yes	Yes	No	ML97HY	No	Yes	Yes	No
HKAKMX	No	Yes	Yes	No	MLPFCL	No	Yes	Yes	No
HP3MNC	No	Yes	Yes	No	N6TK9T	No Interpretations Reported, DNA Analyzed for Database purposes only.			
JCU23X	No	Yes	Yes	No	N6YRLM	No	Yes	Yes	No
JLG3GM	No	Yes	Yes	No	NHMWRY	No Interpretations Reported, DNA Analyzed for Database purposes only.			
JLG9E9	No	Yes	Yes	No	NJE3ZC	No	Yes	Yes	No
JMUUA4	No Interpretations Reported, DNA Analyzed for Database purposes only.				NLZL82	No	Yes	Yes	No
JQB72E	No Interpretations Reported, DNA Analyzed for Database purposes only.				NTMCRB	No	Yes	Yes	No
JY697B	No	Yes	Yes	No	NWHDC	No	Yes	Yes	No
KCRTA6	No	Yes	Yes	No	P792AE	No Interpretations Reported, DNA Analyzed for Database purposes only.			
KLC6LG	No Interpretations Reported, DNA Analyzed for Database purposes only.				PA99TQ	No	Yes	Yes	No
KN2FEV	No Interpretations Reported, DNA Analyzed for Database purposes only.				PB4THB	No	Yes	Yes	No
KN32CW	No Interpretations Reported, DNA Analyzed for Database purposes only.				PEHNX9	No Interpretations Reported, DNA Analyzed for Database purposes only.			
KUTFYH	No Interpretations Reported, DNA Analyzed for Database purposes only.				PJCKMY	No	Yes	Yes	No

TABLE 6

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
PZGR32	No	Yes	Yes	No	UP3NFC	No	Yes	Yes	No
Q4DZJF	No	Yes	Yes	No	UUF6EG	No	Yes	Yes	No
Q744CM	No	Yes	Yes	No	V2BNRW	No Interpretations Reported, DNA Analyzed for Database purposes only.			
QLDRJW	No Interpretations Reported, DNA Analyzed for Database purposes only.				V2QWWQ	No	Yes	Yes	No
QLJZWQ					V2V6AK	No Interpretations Reported, DNA Analyzed for Database purposes only.			
QPW3EF	No	Yes	Yes	No	VRNMBM	No	Yes	Yes	No
QUN8CQ	No Interpretations Reported, DNA Analyzed for Database purposes only.				VT3UW4	No Interpretations Reported, DNA Analyzed for Database purposes only.			
R9QXTN	No	Yes	Yes	No	VTWR24	No	Yes	Yes	No
RAT3XW	No	Yes	Yes	No	WLBQ9	No	Yes	Yes	No
RVWQM8	No	Yes	Yes	No	W6L7FQ	No	Yes	Yes	No
T3DGUK	No	Yes	Yes	No	WALAD6	No	Yes	Yes	No
T6YFQU	No	Yes	Yes	No	WJ4VET	No	Yes	Yes	No
TCGR4V	No	Yes	Yes	No	X27QU7	No Interpretations Reported, DNA Analyzed for Database purposes only.			
TELG74	No Interpretations Reported, DNA Analyzed for Database purposes only.				XKZNVX	No	Yes	Yes	No
TGDDWJ	No	Yes	Yes	No	XPVDEQ	No	Yes	Yes	No
TJ4HQQ	No Interpretations Reported, DNA Analyzed for Database purposes only.				XQ3VB2	No	Yes	Yes	No
TL6UZW	No	Yes	Yes	No	XRWLGf	No Interpretations Reported, DNA Analyzed for Database purposes only.			
TRRHV2	No	Yes	Yes	No	XYFM2Y	No Interpretations Reported, DNA Analyzed for Database purposes only.			
TUNQCX	No	Yes	Yes	No	Y3X4WP	No Interpretations Reported, DNA Analyzed for Database purposes only.			
UGR3U4	No Interpretations Reported, DNA Analyzed for Database purposes only.				YB2QDN	No Interpretations Reported, DNA Analyzed for Database purposes only.			
UH42QX	No Interpretations Reported, DNA Analyzed for Database purposes only.				YB7XQG	No Interpretations Reported, DNA Analyzed for Database purposes only.			
UMZQ86	No	Yes	Yes	No	YDAQKF	No	Yes	Yes	No
UNPY9U	No	Yes	Yes	No	YNVWFY	No Interpretations Reported, DNA Analyzed for Database purposes only.			
UNV7LM	No	Yes	Yes	No	YX7Y3K	No	Yes	Yes	No

TABLE 6

WebCode	Victim (Item 1)		Suspect (Item 2)		WebCode	Victim (Item 1)		Suspect (Item 2)	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
YXZRPQ	No	Yes	Yes	No					
YZKW72	No	Yes	Yes	No					
ZFG9GQ	No	Yes	Yes	No					
ZNPUJY	No	Yes	Yes	No					

Response Summary			Participants reporting DNA results: 192			
<p><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></p>						
			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	132		132	0
	No	132	0		0	132
	Inc	0	0		0	0

Participants not reporting Interpretation results: 60

Additional Comments

TABLE 7

WebCode	Additional Comments
3PD67X	The genetic profile of the piece of evidence identified Item #3 (victim's shirt) matches with the genetic profile of the reference sample identified Item #2 (known blood from the suspect). Suspect (Item #2) can't be excluded of being the donor of the genetic profile on Item #3 (victim's shirt). The genetic profile of the piece of evidence identified Item #4 (suspect's shirt) matches with the genetic profile of the reference sample identified Item #1 (known blood from the victim). Victim (Item #1) can't be excluded of being the donor of the genetic profile on Item #4 (suspect's shirt).
46PWWN	1). NR: No Results. 2). DNA Interpretation is based on results obtained from PowerPlex 16 analysis.
4C4PZR	Additional STR amp kits used: PowerPlex 16 HS and PowerPlex 16 BIO.
6YTVLK	NE= Not Examined.
7JDUNU	1. Item 1 and Item 2 were extracted using FTA extraction method, whereas Item 3 and Item 4 were extracted using Chelex extraction method. 2. ABI 7500 Real Time PCR using ABI Quantifiler Kit was used to quantitate the DNA of Item 3 and Item 4 only. 3. Item 1, Item 2, Item 3 and Item 4 were amplified using Identifiler Kit. 4. Electrophoresis was carried out on ABI 3130xl Genetic Analyzer. 5. Reagent Blank and Negative Control were carried out along with the test.
7WNHMJ	NR= No results. Part II [Table 6: DNA Interpretation] based on PP16 results
8GJNJJ	NR = No Results
8XRK3M	NR = No Results
9K3ZXJ	NR = No Results
9YZC99	NE = Not Examined. Use of commas denotes alleles which are associated with each other.
AZQNTZ	on-line data entry was especially difficult as the "Tab" keystroke failed to properly advance cursor to next cell.
B7YC6G	"NR" indicates no results at that locus. Part II [Table 6: DNA Interpretation] Results are based on PP16 results.
BRFL7E	1. In-situ method was used to extract DNA from Items 1 and 2. 2. Chelex extraction method was used to extract DNA from Items 3 and 4. 3. Real-Time PCR using the ABI Quantifiler Human DNA Quantification Kit was used to quantify extracted DNA. 4. AmpFISTR Identifier and YFiler kit was used for amplification. 5. Reagent, positive control and negative control were carried out along with the analysis.
C6EW77	Use of commas denotes alleles which are associated with each other.
CB2R6N	The genetic profile on item 3 (victim's shirt) does not match the genetic profile of reference sample item 1 (Victim). Victim (item 1) is exclude of being the donor of the genetic profile on item 3 (victim's shirt). The genetic profile on item 4 (suspect's shirt) matches with the genetic profile of reference sample item 1 (victim). Victim (item 1) can not be exclude of being the donor of the genetic profile on item 4 (suspect's shirt). The genetic profile on item 3 (victim's shirt) matches with the genetic profile of reference sample item 2 (Suspect). Suspect (item 2) can not be exclude of being the donor of the genetic profile on item 3 (victim's shirt). The genetic profile on item 4 (suspect's shirt) does not match the genetic profile of reference sample item 2 (Suspect). Suspect (item 2) is exclude of being the donor of the genetic profile on item 4 (suspect's shirt).
CT7A2E	NR = No Results. Part II [Table 6: DNA Interpretation] based on Powerplex 16 results
D42PH3	NA = Not Applicable

TABLE 7

WebCode	Additional Comments
D4JTXG	1) In-situ extraction method was used to extract Item 1 and Item 2. 2) Chelex extraction method was used to extract Item 3 and Item 4. 3) Quantitation was done using the Applied Biosystems Quantifiler Human DNA Quantitation Kit. 4) All the samples were amplified using the Applied Biosystems Identifiler kit and Y-filer kit. 5) Electrophoresis was carried out using the 3130xl Genetic Analyzer from Applied Biosystems.
D7PELG	1. Item 1 and Item 2 were extracted using the in-situ extraction method. 2. Item 3 and Item 4 were extracted using Chelex extraction method. 3. Item 3 and Item 4 were quantitated using Quantifiler Human DNA Quantitation Kit and carried out by Real Time PCR. 4. Amplification was done using AmpFISTR Identifiler and Y-Filer PCR kit. 5. Electrophoresis was carried out by Genetic Anaylzer 3130xl. 6. Reagent Blank, Positive Control and Negative Control were carried out along during the anlysis.
DTXUWD	NR= No Results
G2H4XH	NR = No results
G64N68	NE= Not Examined.
KCRTA6	NR - No Results. Part II [Table 6: DNA Interpretation]: DNA Interpretation is based on the PowerPlex 16 Results.
KN2FEV	NA = Not Applicable
KXP3T7	NR- no results. Results stated in Part II [Table 6: DNA Interpretation] are the results of PP16 results.
LDWPAY	NA = Not Applicable. NR = No Results
MELFV4	Item 4 was also tested using the PowerPlex Y kit for YSTRs, however, no results were obtained.
NLZL82	Use of commas denotes alleles which are associated with each other. NE = Not Examined.
PZGR32	NR= No Results . Part II [Table 6: DNA Interpretation]: DNA Interpretation is based on the PowerPlex 16 results.
TUNQCX	Part II [Table 6: DNA Interpretation] is based on PowerPlex 16 results. NR= No Results
UNPY9U	KEY: Use of commas denotes alleles which are associated with each other. Use of semicolons denotes that it is unknown whether or not the alleles are associated. Use of parentheses denotes alleles from a minor contributor(s). Use of {} denotes alleles which may be attributed to stutter. ^ Represents a heterozygous locus with one allele below the reporting threshold. * Additional allele(s) were obtained at this locus which were below the reporting threshold of this laboratory. Amelogenin: X,X indicates female source; X,Y indicates male source
VTWR24	Based on the results obtained from DNA analysis the genetic profile on item of evidence DNAS-11-1509-004 (Suspect's shirt, Item #4) matches with the genetic profile of reference sample DNAS-11-1509-001 (Victim FTA, Item #1). Victim (DNAS-11-1509-001, Item #1) cannot be excluded as being the donor of genetic profile on item of evidence DNAS-11-1509-004 (Suspect's shirt, Item #4). The genetic profile on item of evidence DNAS-11-1509-003 (Victim's shirt, Item #3) matches with the genetic profile of reference sample DNAS-11-1509-002 (Item #2). Suspect (DNAS 11-1509-002, Item #2) cannot be excluded as being the donor of genetic profile on item of evidence DNAS-11-1509-003 (Victim's shirt, Item #3). The Y-chromosome profile obtained on item of evidence DNAS-11-1509-003 (Victim's shirt, Item #3) matches with the Y-chromosome profile of reference sample suspect (DNAS-11-1509-002, Item #2). Suspect (DNAS-11-1509-002, Item #2) and all of his male paternal relatives cannot be excluded as being the donor of Y-chromosome profile on item of evidence DNAS-11-1509-003 (Victim's shirt, Item #3)
W6L7FQ	NR = No reaction
WJ4VET	NE = Not Examined

TABLE 7

WebCode	Additional Comments
X27QU7	Item 1 did not exhibit a YSTR profile because it came from a female.
XQ3VB2	ND refers to 'Not Determined'
YDAQKF	Suspect standard (item 1-2) ran in Identifiler and Yfiler, however a comparison using Yfiler is not required. PT requires analyst run exemplar standard in Yfiler only.
ZFG9GQ	NR = No Results. Part II [Table 6: DNA Interpretation] based on PowerPlex 16 results.
ZNPUJY	NR = No Results

Appendix: Data Sheet

Collaborative Testing Services ~ Forensic Testing Program

Test No. 11-585: DNA-Blood

DATA MUST BE RECEIVED BY November 7, 2011 TO BE INCLUDED IN THE REPORT

Participant Code:

WebCode:

Accreditation Release Statement

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

Scenario:

Police are investigating the robbery of a liquor store and physical assault of the female cashier. A security camera located in the liquor store led investigators to the male suspect. Police have recovered two questioned stains: one from the victim's shirt and one from the suspect's shirt. Screening has been done on the samples with the following results: Item 3 (victim's shirt) and Item 4 (suspect's shirt) are both positive for blood only. The screening lab is submitting these samples (Items 3 and 4) along with the known blood samples of the victim and the suspect.

Items Submitted (Sample Pack S5):

Item 1: Known blood from the Victim.

Item 2: Known blood from the Suspect.

Item 3: Questioned blood stain from victim's shirt. (yellow material with white flowers)

Item 4: Questioned blood stain from suspect's shirt. (grey material)

Please return all pages of this data sheet.

Page 1 of 5

Part I: DNA ANALYSIS

TABLE 1a: STR & Amelogenin Results

- * Report alleles in numerical order, separated by a comma.
- * Follow your laboratory procedures for reporting homozygotes (phenotype vs. genotype).
- * Stains with more than one contributor: If a differential extraction is performed, split the box with a horizontal line and report the results of the different fractions above and below the line - indicate which is the sperm fraction (sp) and which is the epithelial fraction (e) (Example A); otherwise, list the alleles in numerical order (Example B). If you wish to indicate minor or weaker alleles, please enclose them within brackets [].

Example	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11	
A	<i>e</i>	15,18	12,17	10	14	12	12	17,19	28,29
	<i>sp</i>	15	12	8,9	10,15	8,11	8,11	13,17	31,33.2
B	15,18	12,17	[8],[9],10	[10],14, [15]	8,11,12	8,11,12	13,17,19	28,29, 31,33.2	

STR Amplification Kit Used:

Please check all that apply.

- Cofiler™/Profiler Plus™ PowerPlex 16®
 Identifiler® Other _____

ITEM	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
1								
2								
3								
4								

ITEM	Amelogenin	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
1								
2								
3								
4								

Please return all pages of this data sheet.

YSTR Results

TABLE 1a, continued

YSTR Amplification Kit Used Please check all that apply.
 YFiler® PowerPlex Y® Other _____

ITEM	D2S1338	D19S433	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391
1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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"/>

ITEM	DYS392	DYS393	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS635	Y GATA H4
1	<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"/>
2	<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"/>
3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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"/>

TABLE 1b: Additional DNA Results
(If additional space is needed, copy this page or attach your own form following this layout)

	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 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>	
		<u>Item 3</u>	<u>Item 4</u>			<u>Item 3</u>	<u>Item 4</u>
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 IV: 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.

Return Instructions
Data Sheets can be mailed or faxed (please include a cover sheet) and must be received by **November 7, 2011** to be included in the report.

MAIL: Collaborative Testing Services, Inc.
Forensic Testing Program
P.O. Box 650820
Sterling, VA 20165-0820 USA

FAX: +1-571-434-1937
or Toll-Free (U.S. only): 1-866-FAX-2CTS (329-2287)
TEL: +1-571-434-1925 (8 am - 4:30 pm EST)
EMAIL: forensics@cts-interlab.com

www.ctsforensics.com

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. **11-585: DNA-Blood**

This release page must be completed and received by **November 7, 2011** 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) _____

FQS-INTERNATIONAL RELEASE

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

FQS-International Certificate No. _____

Signature and Title: _____ Date _____

Laboratory Name _____

Location (City/State) _____

Return Instructions

Accreditation Release

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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