



## **Forensic Biology Test No. 14-571 Summary Report**

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This proficiency test was sent to 942 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 823 participants (87% 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 clean, white cotton cloth (Items 1 & 2), and two questioned stains one on clean, tan floral material (Item 3) and one on clean, green material (Item 4). Participants were requested to analyze these items using their existing protocols.

**SAMPLE PREPARATION:** The stains in all Items (1 - 4) were prepared from human whole blood which was either drawn into citric acid preservative bloodbank bags or EDTA tubes. Item 1 (50  $\mu$ l) and Item 4 (50  $\mu$ l) were blood collected from one female donor and Item 2 (50  $\mu$ l) and Item 3 (50  $\mu$ l) were blood collected from one male donor. Stains from different sources were prepared at separate times and were packaged once they were thoroughly dried. Completed sample sets were stored at -20°C until shipment on January 7, 2014 following receipt of predistribution results.

**SAMPLE SET ASSEMBLY:** For each sample set, all four Items (1-4) were placed in a pre-labeled sample pack envelope. The sealed sample pack envelopes were then packaged in pre-labeled Marvel Heat Seal envelopes and sealed. This process was repeated until all of the sample sets were prepared.

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

## *Amelogenin and STR Results*

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

<u>Item</u>	<u>D2S1338</u>	<u>D3S1358</u>	<u>D5S818</u>	<u>D7S820</u>	<u>D8S1179</u>	<u>D13S317</u>
1	17,23	15,16	11,12	9,9	11,13	11,12
2	24,25	16,16	11,12	10,11	9,15	11,11
3	24,25	16,16	11,12	10,11	9,15	11,11
4	17,23	15,16	11,12	9,9	11,13	11,12
<u>Item</u>	<u>D16S539</u>	<u>D18S51</u>	<u>D19S433</u>	<u>D21S11</u>	<u>Amelogenin</u>	<u>CSF1PO</u>
1	11,14	15,17	14,15.2	27,31	X,X	11,13
2	10,11	15,17	12,16.2	28,28	X,Y	12,12
3	10,11	15,17	12,16.2	28,28	X,Y	12,12
4	11,14	15,17	14,15.2	27,31	X,X	11,13
<u>Item</u>	<u>FGA</u>	<u>PentaD</u>	<u>PentaE</u>	<u>TH01</u>	<u>TPOX</u>	<u>vWA</u>
1	21,21	9,13	12,15	6,9.3	8,8	18,18
2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
4	21,21	9,13	12,15	6,9.3	8,8	18,18

## Manufacturer's Information, continued

### YSTR Results

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

<b>Item</b>	<b>DYS19</b>	<b>DYS385</b>	<b>DYS389-I</b>	<b>DYS389-II</b>	<b>DYS390</b>	<b>DYS391</b>	<b>DYS392</b>	<b>DYS393</b>
2	16	12,14	13	28	22	10	11	14
3	16	12,14	13	28	22	10	11	14
<b>Item</b>	<b>DYS437</b>	<b>DYS438</b>	<b>DYS439</b>	<b>DYS448</b>	<b>DYS456</b>	<b>DYS458</b>	<b>DYS635*</b>	<b>Y GATA H4</b>
2	15	8	12	17	14	17	<20	11
3	15	8	12	17	14	17	<20	11

\* Due to laboratory specific reporting policies, a variety of responses were reported for locus DYS635, including "17" and "<19".

### Mitochondrial DNA Sequencing Results

*A minimum of 75% of participants reported testing across the nucleotide ranges below. Participants may have sequenced a wider or narrower range of bases; individual ranges are accessible in the Summary Report.*

<u>Item</u>	<u>HVR-I</u>	<u>HVR-II</u>
<b>1</b>	<b>16024-16388</b>	<b>49-385</b>
<b>2</b>	<b>16024-16390</b>	<b>49-402</b>
<b>3</b>	<b>16024-16390</b>	<b>49-401</b>
<b>4</b>	<b>16024-16390</b>	<b>49-367</b>

*The base deviations presented here are the consensus of results reported by at least ten participants. These results may not represent all base deviations reported by every participant due to the specific nucleotide ranges sequenced by individual participants. Final interpretation should be deferred until all results have been compiled into the summary report and should be based on your laboratory's specific testing procedures/protocols.*

#### HVRI Region

	16086.0	16147.0	16189.0	16223.0	16248.0	16311.0	16320.0	16355.0	16356.0	16519.0
<b>ITEM 1</b>			C			C			C	C
<b>ITEM 2</b>	C	A		T	T		T	T		C
<b>ITEM 3</b>	C	A		T	T		T	T		C
<b>ITEM 4</b>			C			C			C	C

#### HVRII Region

	73.0	152.0	195.0	199.0	204.0	207.0	263.0	310.0	315.1
<b>ITEM 1</b>	G		C				G	C	
<b>ITEM 2</b>	G	C		C	C	A	G		C
<b>ITEM 3</b>	G	C		C	C	A	G		C
<b>ITEM 4</b>	G		C				G	C	

Release Date of Manufacturer's Information: 31-March-2014

# Summary Comments

The 14-571 Forensic Biology test was designed to allow participants to assess their proficiency in the identification and comparison of dried stains by means of body fluid screening and/or DNA profiling. Participants were supplied with two "known" bloodstains (Items 1 and 2) and two "questioned" stains (Items 3 and 4). Item 1 and Item 4 were blood collected from one female donor and Item 2 and Item 3 were blood collected from one male donor. (See Manufacturer's Information for preparation details)

Data were returned by a total of 823 participants, 778 of whom reported DNA results. The remaining 45 participants reported only screening results.

## Screening Test Results

For Item 3, all 772 participants that reported results for blood were positive and all 482 participants that reported results for semen were negative. There were 206 participants that reported negative results for saliva, two that were positive and two that were inconclusive.

For Item 4, all 772 participants that reported results for blood were positive and all 461 participants that reported results for semen were negative. There were 208 participants that reported negative results for saliva and two that were inconclusive.

## DNA Analysis Results

Of the 778 participants reporting DNA results, 10 did not report interpretations. All of these participants stated that they analyzed the samples for database purposes only.

For the Item 3 stain, 767 participants excluded the victim (Item 1) and one participant included the victim as a possible contributor. There were 767 participants that included the suspect (Item 2) and one that excluded the suspect (Item 2) as a possible contributor to the Item 3 stain. For the Item 4 stain, 763 participants included the victim (Item 1) and four excluded the victim (Item 1) as a possible contributor. There were 765 participants that excluded the suspect (Item 2) and two that included the suspect (Item 2) as a possible contributor to the Item 4 stain.

Due to differing laboratory policies, a variety of responses were received for Item 2 and Item 3 at locus DYS635. The majority (55%) of responding participants reported "<20" however, responses such as "<19", "17", "Inc" and "OL" were also received.

Eight participants reported allelic results that were inconsistent with the consensus/predistribution testing results. Seven participants reported inconsistent alleles at one or more loci. One participant reported an additional allele at one locus that they described in their Additional Comments section as possible stutter.

*Release Date of Summary Report: 29-April-2014*

## Key for Screening Tests Used

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Participants were asked to use, where possible, the following chart of abbreviated screening test names. This was not an all inclusive list and was not designed to determine what tests should be performed. Participants were advised that tests not on this list may be used for screening.

Test	Abbreviation
Acid Phosphatase	AP
Kastle Meyer	KM
Leucomalachite Green	LMG
Microscopic	Micro
Ortho-tolidine	O-tol
Phenolphthalein-Tetramethyl benzidin	PTMB
Prostate Specific Antigen	PSA
Quantiblot	QB
Quantifiler	QF
Tetramethyl benzidine	TMB

# Serology Screening Results

Indicate the results of any screening tests performed on the questioned stain Item 3 for body fluid identification and human origin determination.

TABLE 1a - Item 3

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
22U2MJ	Pos KM, Hexagon-OBTI	NT	NT		
23HM4M	Pos KM	Neg AP	NT		
23RPH8	Pos LMG	Neg AP	NT		Human Blood, HemaTrace Pos
299QLR	Pos LMG, HemaTrace	Neg Brentamine (AP), ALS	NT		Species Ouchterlony (Human), Pos
29GHYT	Pos KM	NT	NT		
29LN9N	Pos KM	Neg AP, Micro for Sperm	Neg Amylase, Micro for NEC		
29YKG2	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas		
29YPR4	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas		
2AAM6L	Pos Phenolphthalein[sic], HemaTrace	Neg ALS, BCIP	NT		
2AEMFU	Pos KM	Neg AP	NT		
2AJNQN					Y Screening, Pos
2BF7NJ	Pos KM, HemaTrace	NT	NT		
2BPBTF	Pos PTMB	NT	NT		
2BX7MK	Pos KM	NT	NT		
2C3XBU	Pos KM, HemaTrace	NT	NT		Human, Pos Plexor, HemaTrace
2C6R22	Pos KM	NT	NT		
2CA38H	Pos PTMB	Neg ALS, AP	NT		
2CGTQM	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas		
2EVPPL	Pos KM	NT	NT		
2FUU8F	Pos KM	NT	Neg RSID-Saliva		
2HVUMZ	Pos KM	Neg Micro, p30, ALS	NT		
2HWUCT	Pos TMB	NT	NT		
2JKVVM	Pos KM	Neg AP	NT		
2KADN9	Pos KM, HemaTrace	Neg BCIP	Neg Phadebas		
2KR4V8	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas		
2NGR32	Pos TMB, HemDirect	NT	NT		
2P6XYJ	Pos KM	NT	NT		
2PFWNB	Pos Phenolphthalein, ABA HemaTrace	Neg Acid Phosphatase, p30, Micro	Neg SALIgAE		optical, Neg ALS negative fluorescence[sic]
2RPYNT	Pos KM, HemaTrace	NT	NT		

TABLE 1a - Item 3

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
2U2JR8	Pos KM	Neg AP, PSA	Neg Starch-Iodine, Phadebas	Blood, Pos HemaTrace
2UVFVH	Pos KM	NT	NT	
2VJTDZ	Pos KM	Neg AP	Neg Amylase Radial Diffusion	
2VLM77	Pos TMB (Hemastix), HemaTrace	Neg AP, ALS	NT	
2VQHT7	Pos KM	NT	Neg Phadebas	
2W3LER	Pos KM	NT	NT	
2XNK6G	Pos TMB, HemeDirect[sic]	Neg ALS, AP	NT	
2YH6CK	Pos TMB, HemaTrace	Neg AP, PSA	Neg RSID-Saliva	
36RVDJ	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
39GC3E	Pos KM	Neg AP Spot	NT	
3AQJAD	Pos Hemastix	Neg AP	Pos RSID	Neg ALS
3B4M2P	Pos KM	Neg ALS, AP, PSA, Micro	NT	Human Origin, HemaTrace Pos
3BEMLC	Pos O-tol	Neg AP	NT	
3BJ3ZY	Pos Phenolphthalein, HemaTrace	Neg AP, PSA	Neg Phadebas, Starch/Iodine	
3C7RUE	Pos KM, HemaTrace	NT	NT	
3CNKUC	Pos LMG	Neg Micro	NT	
3GHJ98	Pos O-tol	Neg AP		
3L2ARF	Pos KM, HemaTrace	Neg AP	NT	
3MLPH2	Pos KM	NT	NT	
3PBD4X	Pos KM, HemaTrace	Neg AP	NT	
3RFJHQ	Pos KM	NT	NT	
3RKUH2	Pos TMB, KM	Neg AP, PSA	Neg Phadebas	
3YFZ66	Pos KM	Neg AP, Micro, PSA	NT	
3ZWMVP	Pos KM	NT	NT	
3ZWZEL	Pos KM	NT	NT	
42MLKH	Pos O-tol, Hem Direct	Neg AP, PSA, Micro	Neg Amy Diff, Micro	
47TF7D	Pos TMB	Neg AP, Micro, PSA	NT	
4ATLU4	Pos O-tol, HemaTrace	Neg AP	Neg RSID	
4B48LQ	Pos KM	Neg AP, Micro	NT	
4BTEWG	Pos KM	Neg AP, ALS	NT	
4CLGKY	Pos TMB, HemDirect	NT	NT	

TABLE 1a - Item 3

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
4CX6QQ	Pos KM, HemaTrace	Neg AP	NT		
4ETPW4	Pos LMG	NT	NT		
4G3MH9	Pos KM	NT	NT		Human Origin, ABACard HemaTrace Pos
4G6UWT	Pos TMB	NT	NT		
4G8GB7	Pos KM, HemaTrace	NT	Inc Phadebas		Fluorescence, ALS Neg
4GHX9W	Pos KM	Neg AP	NT		
4GUPUB	Pos KM	Neg AP	NT		
4LFGBV	Pos KM, HemaTrace	Neg AP, PSA	Neg Saliva Press Test		Urine, Neg Urease
4LJFE	Pos KM, HB	Neg AP	NT		
4LNTMU	Pos O-tol, HemDirect	Neg AP, Micro, PSA	Neg Micro, Amylase Diffusion plate		
4MAJF7	Pos KM	Neg AP	Neg RSID-Saliva		Fluorescence, ALS Neg
4MKBKP	Pos KM, HemaTrace	NT	NT		Neg ALS
4Q3CYA	Pos KM, ABACard	Neg AP	Neg Phadebas Press		
4QZFGH	Pos Hemastix (TMB), HemaTrace	Neg AP, p30	NT		Human, Pos anti HHb
4RANF7	Pos KM	Neg ALS, AP, Micro, PSA	Neg ALS, Amylase Diffusion		
4UA2W4	Pos LMG, HemaTrace	Neg AP	NT		
4UQLBW	Pos TMB, HemDirect	NT	NT		
4UYDXJ	Pos KM	Neg ALS, AP, Micro, PSA	NT		Human Origin, HemaTrace Pos
4VE9JW	Pos TMB (Combur), KM	Neg AP, PSA	Neg Phadebas		
4VXYRF	Pos TMB, HemaTrace	Neg AP, PSA	NT		
4YJUJF	Pos KM	Neg AP			
4YWD7M	Pos KM, HemaTrace	NT	NT		
4Z7PPW	Pos KM	Neg AP	NT		
64RFXT	Pos LMG, HemaTrace	Neg AP	NT		
6698CN	Pos KM, HemaTrace	Neg AP	NT		
66GUGC	Pos KM, HemaTrace	NT	NT		
66KCJG	Pos KM-Phenolphthalein	Neg Seratec-PSA	NT		Human, Pos Seratec-HemDirect
69HYX9	Pos O-tol	NT	NT		Human Blood, HemaTrace Pos
6A99WG	Pos HemaTrace	Neg PSA	Neg RSID		
6APC9X	Pos TMB	NT	NT		



TABLE 1a - Item 3

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
6B2YTX	<b>Pos</b> KM, ALS, Photo, HemaTrace	<b>Neg</b> AP, ALS	<b>Neg</b> AP, ALS	NT
6B8AT9	<b>Pos</b> O-tol	<b>Neg</b> AP, Micro	<b>Neg</b> AP, Micro	<b>Neg</b> RSID
6DBJYQ	<b>Pos</b> PTMB, HemaTrace	<b>Neg</b> AP	<b>Neg</b> AP	NT
6EUNWB	<b>Pos</b> TMB, HemaTrace	<b>Neg</b> AP, p30, Micro	<b>Neg</b> AP, p30, Micro	<b>Neg</b> Amylase
6L68TH	<b>Pos</b> KM, HemaTrace	NT	NT	NT
6M924T	<b>Pos</b> KM	<b>Neg</b> ALS, AP, Micro, PSA	<b>Neg</b> ALS, Amylase Diffusion	
6MGZH4	<b>Pos</b> HemaTrace, Hemastix	NT	NT	NT
6MLBHE	<b>Pos</b> KM	<b>Neg</b> AP	<b>Neg</b> AP	NT
6N96MW	<b>Pos</b> KM	NT	NT	NT
6NVBHF	<b>Pos</b> PTMB	<b>Neg</b> AP, alternate light source	<b>Neg</b> AP, alternate light source	NT
6PGABT	<b>Pos</b> KM	NT	NT	NT
6PJR4	<b>Pos</b> Hemastix, HemaTrace	NT	NT	NT
6PJXQB	<b>Pos</b> KM, Hexagon OBTI (HO) Test	NT	NT	NT
6PT3UA	<b>Pos</b> KM	NT	NT	NT
6QYN8N	<b>Pos</b> PTMB, HemaTrace	<b>Neg</b> AP	<b>Neg</b> AP	NT
6RDLLC	<b>Pos</b> O-tol	<b>Neg</b> AP	<b>Neg</b> AP	NT
6V9DEG	<b>Pos</b> KM	<b>Neg</b> ALS, AP	<b>Neg</b> ALS, AP	NT
6WRMM4	<b>Pos</b> PTMB, HemaTrace	NT	NT	NT
6XH8NM	<b>Pos</b> KM, HemaTrace	<b>Neg</b> AP, PSA, Micro	<b>Neg</b> AP, PSA, Micro	NT
6ZL29L	<b>Pos</b> KM, HemaTrace	<b>Neg</b> ALS, AP	<b>Neg</b> ALS, AP	NT
6ZYTQH	<b>Pos</b> PTMB	<b>Neg</b> AP	<b>Neg</b> AP	NT
72YY4C	<b>Pos</b> Hemastix, ABA HemaTrace confirmatory	NT	NT	NT
73AVKA	<b>Pos</b> KM, HemaTrace	NT	NT	NT
73Z72P	<b>Pos</b> Takayama	<b>Neg</b> PSA, Micro	<b>Neg</b> PSA, Micro	NT
768PUJ	<b>Pos</b> KM; HemaTrace	NT	NT	<b>Neg</b> RSID
76JQH7	<b>Pos</b> KM, HemaTrace	<b>Neg</b> AP, Seratec	<b>Neg</b> AP, Seratec	<b>Neg</b> RSID
77BK3Z	<b>Pos</b> KM, HemaTrace	NT	NT	<b>Neg</b> Phadebas
77KWJ7	<b>Pos</b> KM, Ouchterlony (species)	<b>Neg</b> AP, p30 immunoassay, ALS, Micro for Sperm	<b>Neg</b> AP, p30 immunoassay, ALS, Micro for Sperm	<b>Neg</b> Amylase, Micro for nucleated epithelial cells <b>Pos</b> Human Species, Species Ouchterlony (a-HuHb)
7882CC	<b>Pos</b> KM	<b>Neg</b> AP	<b>Neg</b> AP	NT
78LWPP	<b>Pos</b> KM, RSID-Blood	NT	NT	NT
79B7FF	<b>Pos</b> TMB	NT	NT	NT

TABLE 1a - Item 3

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
79FJAF	Pos KM, ABACard HemaTrace	Neg AP	Neg Phadebas Press	
7C8JYP	Pos KM	Neg ALS, AP, Micro, PSA	NT	Human Origin, HemaTrace Pos
7CN84K	Pos PTMB	NT	NT	
7CYAH4	Pos Hemestix[sic], HemaTrace	Neg AP	Neg RSID	
7DQRC6	Pos KM	Neg AP, PSA	Neg Phadebas Amylase	
7HEFWQ	Pos KM	NT	NT	
7KBJ9X	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
7L3TU2	Pos Hemastix, HemaTrace	NT	NT	
7M3AKC	Pos KM	Neg ALS, AP, PSA, Micro	Neg ALS, Amylase Diffusion	
7MNHW2	Pos KM	Neg ALS, AP, Micro, PSA	Neg ALS, Amylase Diffusion	
7MTZ6D	Pos KM, HemaTrace	NT	NT	
7N6KTY	Pos LMG			
7QD6J3	Pos LMG, HemaTrace	Neg AP	NT	
7V3HA6	Pos KM	NT	NT	
7VB862	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
7W8BTP	Pos Phenolphthalein	Neg AP, Micro, ALS	Pos RSID, ALS	
7X4TWR	Pos TMB, HemDirect	Neg AP	NT	
7X7DXL	Pos KM	NT	NT	
7XMH8K	Pos KM	Neg ALS, AP, Micro, PSA	Neg ALS, Amylase Diffusion	
7YEXH9	Pos O-tol	Neg AP	NT	
82B49M	Pos LMG, HemaTrace	Neg AP	NT	
82EPQ8	Pos KM, Seratec HemDirect	Neg ALS, AP	NT	
833CUU	Pos KM	NT	NT	
83CJJH	Pos Takayama	NT	NT	
83NV24	Pos KM			
84MLPH	Pos KM	Neg AP	NT	
8894QM	Pos KM	Neg ALS, AP, Micro, PSA	Neg ALS, Amylase Diffusion Test	
88LYC9	Pos KM, HemaTrace	Neg BCIP	NT	
8AN4J2	Pos LMG	Neg AP	NT	
8B3EK4	Pos KM			
8BP7YE	Pos KM	Neg AP, ALS, Micro, PSA	Neg Amylase, ALS	

TABLE 1a - Item 3

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
8CARVQ	Pos TMB	NT	NT		
8CAUWF	Pos KM	Neg AP	Neg Phadebas		
8ET2U3	Pos O-tol	Neg AP, PSA	NT		
8F4YWY	Pos TMB	NT	NT		
8KARRP	Pos HSTX, HT	Neg AP	Neg RSID-Saliva		
8PV7ZV	Pos LMG	Neg AP, Micro			
8QFUMB	Pos Phenolphthalein, HemaTrace	Neg BCIP	Neg Phadebas		
8R2PXX	Pos TMB	NT	NT		
8RZYUW	Pos LMG, HemaTrace	Neg AP, PSA, Micro	NT		
8UPAQW	Pos KM	Neg ALS	NT		
8W2UYG	Pos KM, HemaTrace	Neg ALS, AP	NT		
8W2VXB	Pos KM, LMG, HemaTrace	NT	NT		
8XA6FT	Pos KM	Neg AP	NT		
8Z9G3U	Pos KM	Neg AP, ALS, Micro, PSA	Neg Amylase Diffusion, ALS		
93JMML	Pos KM, HemaTrace	Neg AP, PSA, Microscopic	NT		
98GM24	Pos KM, HemaTrace	NT	NT		
99CHVK	Pos KM, O-tol, Takayama, RSID-Blood, HemaTrace	NT	NT	Dog Blood, Neg Ouchterlony	
99D6YY	Pos Hemastix	Neg AP	Neg RSID	Human, Pos HemaTrace	
99PB84	Pos LMG, HemaTrace	Neg AP	NT		
99WN7R	Pos Hemastix, HemaTrace	Neg AP	Neg RSID		
9AM647	Pos Hemastix	Neg AP, ALS	Neg RSID-Saliva, ALS		
9CBLA8	Pos KM, Hemastix, HemaTrace	Neg AP	Neg RSID	Fluorescence, ALS Neg	
9EHE72	Pos LMG, HemaTrace	NT	NT		
9EMECM	Pos Takayama				
9EPR9W	Pos TMB	NT	NT		
9HV8YY	Pos KM	NT	NT		
9JBH2X	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas		
9JHUEG	Pos KM, HemaTrace	Neg AP	NT		
9MMDMB	Pos KM	Neg AP, Micro	Neg Amylase Radial Diffusion		
9NJ2UD	Pos KM, Hexagon OBTI	NT	NT		
9NXF98	Pos KM	Neg AP, PSA	NT		

TABLE 1a - Item 3

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
9QQ34D	Pos TMB, HemaTrace	Neg ALS, AP	NT	
9RBUJE	Pos KM	Neg ALS, AP, Micro, PSA	NT	Human Origin, HemaTrace Pos
9RDR46	Pos KM	Neg AP	NT	
9TPGMW	Pos LMG, HemaTrace	Neg AP, Micro, PSA	Neg Amylase	
9VWXN9	Pos TMB, HemDirect	NT	NT	
9W7YLD	Pos KM, HemaTrace	Neg AP		
9WQTYN	Pos O-tol	Neg ALS, AP	NT	
9XD2LA	Pos O-tol	Neg AP	NT	
9XQKGZ	Pos LMG	NT	NT	
9XYWPD	Pos KM	Neg ALS, AP, PSA, Micro	Neg ALS, Amylase Diffusion	
A34Y8Y	Pos KM	Neg ALS, AP, Micro, PSA	Neg Amylase	
A7ERP7	Pos PTMB	NT	NT	
AA2CWB	Pos LMG	Neg AP, Micro, PSA	NT	
ABXEL6	Pos Hemastix	Neg AP	Neg RSID-Saliva	
ADTWZD	Pos KM, HemaTrace	Neg AP, PSA	Neg RSID	
AFTGRZ	Pos LMG, HT	NT	NT	
AJFDYG	Pos KM	NT	NT	
AK9FHR	Pos KM	NT	NT	
ALBY22	Pos KM	NT	NT	Human Origin, ABA HemaTrace Pos
AM3AAU	Pos O-tol	Neg AP	NT	
AM8DFQ	Pos KM, Modified Takayama	Neg ALS	Neg ALS	Human Origin, Ouchterlony Pos
ANYKA2	Pos O-tol	NT	NT	Human Blood, HemaTrace Pos
AP228L	Pos KM, HemaTrace	Neg AP, PSA	Neg Starch/Iodine, Phadebas	
AQ648R	Pos KM, HemaTrace	NT	NT	
AQF7KX	Pos KM, HemDirect	Neg AP, ALS	Neg RSID	
ATTCVU	Pos HemaTrace, LMG	Neg AP	NT	
ATW4ML	Pos KM, TMB (Hemastix)	Neg AP	Neg Starch iodine test	Urine, Neg Urease
ATWT3C	Pos Hemastix, HemaTrace	NT	NT	
AUAWYW	Pos KM, HemaTrace	NT	Neg Phadebas	
AUF3J6	Pos KM, HemaTrace	Neg ALS, AP, PSA, Micro	Neg SALigAE	

TABLE 1a - Item 3

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
AUG3EW	Pos LMG	Neg AP	NT	
AVGCW2	Pos PTMB	Neg AP	NT	Human, Pos HemaTrace
AVKFGE	Pos KM, LMG, HemaTrace	NT	NT	
AZ2DB2	Pos TMB	NT	NT	
AZA29K	Pos KM, Takayama, Ouchterlony	NT	NT	Neg ALS
AZLWDY	Pos KM	Neg AP	NT	
B6RQRX	Pos KM	Neg AP, PSA	NT	
B6VEA7	Pos Phenolphthalein	NT	NT	
B77F6U	Pos LMG, HemaTrace	Neg AP, Micro, PSA	Neg Amylase	
B7BLRJ	Pos KM	NT	NT	
B9M9L3	Pos KM	NT	NT	
BAF48Q	Pos KM, Modified Takayama	NT	NT	Human Origin, Ouchterlony Pos
BBEWDH	Pos PTMB	NT	NT	
BBLRBW	Pos KM	Neg AP, Micro	Neg Phadebas	
BCDWPG	Pos HemaTrace	Neg PSA	NT	
BCWQ63	Pos KM	Neg AP	NT	
BDCPZE	Pos KM	NT	NT	
BDPDU3	Pos KM	Neg ALS, AP, PSA, Micro	Neg ALS, Amylase Diffusion test	
BEE4NU	Pos TMB	NT	NT	
BEHETD	Pos Visual, LMG, HemaTrace	Neg ALS	NT	
BFD3ZZ	Pos KM	Neg AP, ALS	NT	
BFEZG4	Pos LMG, HemaTrace	Neg AP	NT	
BFWZF8	Pos Hemastix, ABA/HemaTrace	NT	NT	
BHQHV3	Pos KM	NT	NT	
BHZJPN	Pos KM	Neg ALS, AP, Micro, PSA		
BJBPHH	Pos TMB	NT	NT	
BJMURV	Pos LMG	NT	NT	
BJXWA9	Pos KM, Hexagon OBTI	NT	NT	
BKYQ7J	Pos KM, RSID	NT	NT	
BMJJ6E	Pos KM	Neg AP	NT	
BNTKZ3	Pos LMG, HemaTrace	Neg Brentamine (AP)	NT	

TABLE 1a - Item 3

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
BQRLEH	Pos KM	NT	NT		
BQZZBE	Pos LMG, HemaTrace	Neg AP, PSA	NT		
BTDQ79	Pos KM	Neg AP, ALS, Micro, PSA	Neg Amylase Diffusion, ALS		
BTND3G	Pos KM	Neg AP	Neg Phadebas	Human Origin, Quantifiler Human Pos	
BTPDUX	Pos KM, HemaTrace	NT	NT		
BTTP3M	Pos TMB, HemDirect	NT	NT		
BUGEUQ	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas		
BV63PE	Pos KM, HemaTrace	Neg A.P.	NT		
BVGD7Z	Pos KM, LMG, HemaTrace	NT	NT		
BVNJHB	Pos LMG, HemaTrace, Visual	NT	NT	Human Origin, HemaTrace Pos	
BZ6X2N	Pos Kastle Meyer Test	Neg Microscopic, p30, ALS	NT		
BZJ4Y7	Pos LMG, HemaTrace	NT	NT		
C2HQQM	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas		
C3FLJX	Pos PTMB	NT	NT		
C3Q9DE	Pos KM	NT	NT		
C6K7JR	Pos KM	Neg ALS, AP	NT		
C8LDFP	Pos PHTH, Hemastix, HemaTrace	Neg AP	Neg RSID-Saliva		
C9CYZU	Pos O-tol	Neg AP	NT		
CAANHB	Pos PTMB, HemaTrace	NT	NT	Human DNA, Quantifiler Pos	
CCC7EX	Pos KM	Neg AP, Micro	Neg RSID		
CDDHBE	Pos KM	NT	NT		
CDTKV3	Pos KM	NT	NT		
CFGRDX	Pos Hemastix	NT	NT		
CHJUW7	Pos TMB, H'trace, Anti HHb	Neg AP, Micro, p30	NT		
CK7HCU	Pos KM				
CKHTRQ	Pos KM, HemaTrace	Neg AP	NT		
CKYCT7	Pos KM	Neg AP	Neg RSID		
CL2VAU	Pos KM	Neg ALS, AP, PSA, Micro	NT		
CNLXQD	Pos LMG, HemaTrace	Neg AP	NT	Human Origin, HemaTrace, Ouchterlony, Quantifiler Pos	
CNVLHQ	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas		

TABLE 1a - Item 3

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
CPMKLK	Pos KM	Neg AP	NT	
CTYN92	Pos LMG, HemaTrace	Neg AP, PSA, Micro	NT	
CU73D9	Pos TMB, HemDirect	NT	NT	
CVQQ7Z	Pos KM, HemaTrace	Neg AP, Seratec	Neg RSID	
CY8KVT	Pos PTMB, HemaTrace	Neg AP	NT	
CZLRJV	Pos PTMB, HemaTrace	Neg AP	NT	
D36P88	Pos Hemastix, HemaTrace	NT	NT	
D3A6PE	Pos KM, HT	NT	NT	
D89ULJ	Pos KM	Neg ALS, AP	NT	
DAG237	Pos TMB	NT	NT	
DBCJZ2	Pos TMB	Neg ALS, AP	NT	
DE9H8H	Pos KM	Neg AP, Micro	NT	
DEDTZV	Pos TMB	Neg AP, PSA	NT	
DF7KC2	Pos ALS, HemaTrace	Neg ALS, p30, Micro	NT	
DFJCYB	Pos PTMB	NT	NT	
DFTYX4	Pos KM	Neg AP	NT	
DHDBTC	Pos RSID-Blood	Neg RSID-Semen	Neg RSID-Saliva	
DLTTP7	Pos LMG, HT	Neg AP, PSA, Micro	NT	
DNMXDL				Y Screening, Pos
DNRBEN	Pos KM, ABA HemaTrace	NT	NT	
DNWC9T	Pos KM	Neg ALS, AP, Micro, PSA	Neg ALS, Amylase Diffusion	
DPHKYB	Pos KM	NT	NT	
DU2Z4U	Pos TMB	NT	NT	
DVEPHD	Pos KM	Neg AP	NT	
DVFH9L	Pos KM, HemaTrace	Neg AP	NT	
DXCLNF	Pos KM, LMG, HemaTrace	NT	NT	
DYLMFF	Pos HemaTrace	Neg Seratec PSA		
E2VZT2	Pos KM, HT	NT	NT	
E3BCMB	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
E43TUL	Pos Hemastix, HemaTrace	NT	NT	
E4CJMP	Pos KM	Neg ALS, AP	NT	
EAAD2Q	Pos KM	Neg ALS, AP, Micro, PSA	Neg ALS, Amylase	

TABLE 1a - Item 3

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
EARXLG	Pos KM	Neg AP (STMP)		
EAVU96	Pos KM	Neg AP	NT	
EC34FH	Pos KM	NT	NT	
EC43HP	Pos PH	Neg AP	NT	
ECAA4J	Pos KM	Neg ALS, AP, Micro	Neg ALS, Phadebas	Human DNA Quantifiler Duo Detected
EDC743	Pos KM	Neg AP	NT	
EDGJYQ	Pos KM			
EGMVB6	Pos KM	Neg BCIP	Neg Phadebas	
EJJR28	Pos KM, HemaTrace	Neg AP	NT	
EJQV6A	Pos KM, HemaTrace	Neg AP, Micro, PSA	NT	
EJY6H4	Pos TMB, HemDirect	NT	NT	
EKVP83	Pos TMB	NT	NT	
EMVRZJ	Pos KM	Neg ALS, AP	NT	
ET6XRJ	Pos LMG	Neg AP	Neg RSID-Saliva	
EVFW2H	Pos LMG	NT	NT	
EWFJAH	Pos Kastle Meyer (KM)	Neg ALS, Fast Blue B (FBB)	NT	
EXKKM3	Pos O-tol, LMG, KM, HemaTrace	Neg AP, PSA card, Micro	Neg Amylase Diffusion	
EXXAFI	Pos KM	Neg ALS, AP	NT	
EYCHV9	Pos KM	Neg AP, Micro	NT	
EYZ88C	Pos KM			
EZE33W	Pos FOB, TMB	Neg PSA	NT	
EZP2TK	Pos KM	NT	NT	
EZUFDX	Pos KM	NT	NT	
F2FM22	Pos HemaTrace	NT	NT	
F2K2JU	Pos KM	NT	NT	
F32Y9D	Pos KM	Neg AP		
F6QC37	Pos LMG, KM	NT	NT	
F7YFTU	Pos KM	NT	NT	
F88UVU	Pos KM	NT	NT	
FC8TR7	Pos KM, O-tol, Takayama, RSID-Blood, HemaTrace			
FFDMXB	Pos KM	NT	NT	



TABLE 1a - Item 3

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
FHERAZ	Pos KM, O-tol	Neg AP, PSA, Micro	Neg SALigAE	Human Blood, Hexagon OBTI Pos
FJJQX	Pos PTMB, HemaTrace	Neg AP	NT	
FKNRL6	Pos PTMB	Neg AP	NT	
FLM2GM	Pos LMG, HemaTrace	Neg AP, PSA, Micro	Neg Amylase	
FP3KF4	Pos KM, HT	Neg AP	NT	
FQ64WT	Pos TMB	NT	NT	
FX4JQ8	Pos KM, HemaTrace	NT	NT	
FXTP7B	Pos KM	NT	NT	
FY7PBV	Pos KM, O-tol	Neg AP, PSA, Micro	Neg SALigAE	Human Blood, OBTI Pos
FZ6TA9	Pos KM	Neg AP, Micro for Sperm	Neg Amylase, Micro for NECs	
FZA4AJ	Pos TMB, KM	Neg AP, PSA	Neg Phadebas (Amylase)	
G3U9FP	Pos HemDirect	Neg p30	Neg amalyse[sic]	
G63KGV	Pos dark red stain, PTPH, O-tol	Neg Micro, AP	NT	
G73WHD	Pos PTMB	NT	NT	
G8WGG7	Pos KM	NT	NT	
GDWMJW	Pos KM	Neg PSA	NT	
GE6WJR	Pos KM, HemaTrace	Neg AP, Seratec	Neg RSID	
GGEM3T	Pos PPTH, Red-brown, O-tol	Neg AP, confirmed no SP with Micro	NT	
GGU3Z7	Pos TMB	NT	NT	
GHHNEF	Pos TMB, KM	Neg ALS, AP, PSA, Micro	Neg RSID	Human, Pos Quantifiler Duo
GJ47VE	Pos KM, HemaTrace	Neg AP	NT	
GKHG2Y	Pos KM	Neg AP	NT	
GLJKEH	Pos TMB	NT	NT	
GMKF3Q	Pos KM, HemaTrace	Neg AP, Seratec	Neg RSID	
GPQW9Q	Pos TMB	NT	NT	
GRTP6T	Pos KM, HemaTrace	Neg ALS, AP	NT	
GT896H	Pos KM	Neg ALS, AP, Micro	Neg Phadebas	Human DNA detected, Pos Quantifiler Duo
GUVNDZ	Pos TMB, HemaTrace	Neg AP, PSA	Neg RSID-Saliva	
GW3NCY	Pos PTMB, HemaTrace	Neg AP	NT	
GYAGEQ	Pos KM	Neg AP	NT	
H3LQL4	Pos PTMB	Neg AP	NT	

TABLE 1a - Item 3

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
H4Z3L9	Pos TMB	NT	NT	
H74VE8	Pos KM	Neg AP, ALS, Micro, PSA	Neg ALS, Amylase Diffusion	
H87HEY	Pos KM, HemaTrace, LMG	NT	NT	
H8AKDA	Pos Takayama	NT	NT	
H8MPHD	Pos KM, RSID Blood	Neg AP	Neg RSID-Saliva	
HBDBVX	Pos TMB, HemDirect	Neg ALS, AP	NT	
HDPRME	Pos KM, Takayama	Neg AP	NT	Human Origin, Ouchterlony Pos
HDULDU	Pos PTMB, HemaTrace	Neg ALS, AP	NT	
HDXKU3	Pos O-tol, ABA HemaTrace cards	NT	NT	
HGXEJT	Pos KM, O-tol, Hexagon OBTI	Neg AP, PSA, Micro	Neg SALIgAE	
HHHYXP	Pos KM			
HHKXBC	Pos PTMB, HemaTrace	NT	NT	
HHLN4T	Pos KM	Neg AP	NT	
HJLWHQ	Pos Hemastix, HemaTrace	Neg AP, Micro, PSA	Neg RSID	
HLUUK9	Pos PTMB	NT	NT	
HMHW4U	Pos Phenolphthalein, HemaTrace	Neg ALS, BCIP	Neg Phadebus[sic]	
HNA29M	Pos KM, HemaTrace	Neg AP, Seratec	Neg RSID	
HTLJEP	Pos PTMB, HemaTrace	NT	NT	
HTPNQX	Pos TMB	Neg ALS, AP	NT	
HTZC3M	Pos TMB, HemDirect	NT	NT	
HVLB7J	Pos TMB	NT	NT	
HVRCHG	Pos KM, RSID-Blood	Neg AP	Neg RSID-Saliva	
HYG48D	Pos PTMB	Neg ALS, AP	NT	
HZMBT7	Pos KM, HemaTrace	Neg AP	Neg Phadebas Press	
J4GNQH	Pos KM, LMG, RSID-Blood	Neg AP, Micro, PSA	Neg RSID-Saliva	
J6PU2W	Pos Phenolphthalein	NT	NT	
J6PWPF	Pos KM	Neg AP, Micro	Neg Radial Diffusion	
J9QXTJ	Pos KM	NT	NT	
JAMDB9	Pos KM, RSID Blood	Neg AP	Neg RSID-Saliva	
JC8AUT	Pos KM	Neg ALS, AP	NT	
JCJFTJ	Pos KM	Neg ALS, AP, Micro	Neg Phadebas	Human DNA Quantifiler Duo detected, Pos

TABLE 1a - Item 3

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
JCQYBG	Pos HemaTrace, KM	NT	NT	
JCVH9K	Pos KM	Neg AP	NT	
JE2U2F	Pos KM, HemaTrace	Neg AP	NT	
JEN7ZY	Pos O-tol	Neg AP	NT	
JG4T2L	Pos TMB, HemDirect	NT	NT	
JJNR6H	Pos TMB, HemeDirect[sic]	Neg ALS, AP	NT	
JMM7HK	Pos KM	Neg AP, PSA, Micro, ALS	Neg Amylase, ALS	
JMPQPM	Pos Hemastix, HemaTrace	NT	NT	
JNF339	Pos KM	Neg ALS, AP, Micro, PSA	Neg ALS, Amylase Diffusion	
JQ4HEG	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Amylase	
JQJ2VT	Pos KM	Neg AP	Neg RSID	
JR8HZU	Pos KM	Neg AP	Neg RSID-Saliva	
JRVA8E	Pos KM	Neg AP/PSA	Neg Starch Iodine/Phadebas	Blood, Pos HemaTrace
JRZUHW	Pos TMB	Neg AP, Micro, PSA	NT	
JTFCKD	Pos KM, HemaTrace	Neg TMP, Micro, PSA	Neg Phadebas (Press)	
JW6U7R	Pos Hemastix	Neg AP	Neg RSID-Saliva	Fluorescence, ALS Neg
JYFUA E	Pos KM	Neg ALS, AP	NT	
JYKHAZ	Pos KM, HemaTrace	NT	NT	
JZKTFT	Pos KM	NT	NT	
K2EJYZ	Pos Hemastix, KM, HemaTrace	Neg AP	Neg RSID	
K7P362	Pos KM, HemaTrace	Neg BCIP	NT	
K94URW	Pos KM	Neg AP, PSA, Micro (Sperm)	Neg Amylase RD, Micro (nuc. e-cells)	
KBQGDV	Pos Haemastix[sic]	NT	NT	
KC8HNX	Pos KM	NT	NT	
KCGGHV	Pos PTMB	NT	NT	
KDALJG	Pos LMG	Neg AP	Neg RSID-Amylase	
KDFKHD	Pos KM	NT	NT	
KDLX76	Pos KM, RSID	NT	NT	
KDV6RK	Pos Hemastix	NT	NT	
KFWA2N	Pos TMB	Neg ALS, AP	NT	
KNRAP2	Pos HemaTrace	NT	NT	

TABLE 1a - Item 3

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
KVFMWE	Pos LMG	Neg AP, ALS	NT	
KX68G8	Pos KM, HemaTrace			
KY66ET	Pos KM, HemaTrace	Neg BCIP, p30, Micro	Neg Phadebas	
L2AE23	Pos KM	NT	NT	
L3EQDE	Pos KM	Neg AP	NT	
L3T8JB	Pos Combur (TMB), KM	Neg AP, PSA	Neg Phadebas	
L67LA7	Pos O-tol	NT	NT	Human Blood, HemaTrace Pos
L6QKXC	Pos Hemastix, HemaTrace	Neg AP	Neg RSID-Saliva	
L6V3ZH	Pos LMG	NT	NT	
L7FRJE	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
L99ACZ	Pos KM	Neg AP	NT	
LAAPVZ	Pos KM	NT	NT	
LCZX6G	Pos KM			
LDKAEU	Pos KM			
LE7VD4	Pos KM	Neg ALS, AP, PSA, Micro	NT	Human Origin, HemaTrace Pos
LFF9AT	Pos KM	Neg AP, Micro	Neg Amylase, Micro	
LG2C3X	Pos KM	NT	NT	
LGG6NA	Pos LMG, HemaTrace	Neg AP	NT	
LH7G73	Pos TMB	NT	NT	
LJ6JFB	Pos Kastle Meyer (KM)	Neg ALS, Fast Blue B (FBB)	NT	
LL9DZF	Pos KM, LMG, RSID-Blood	Neg AP, PSA, Micro	Neg RSID-Saliva	
LLLEW4	Pos KM	Neg ALS, AP, Micro, PSA	NT	Human Origin, HemaTrace ABACard Pos
LME2ZD	Pos KM	NT	NT	
LMGK7P	Pos KM	Neg AP, Micro for Sperm	Neg ARD, Micro for E-cells	
LNNVUT	Pos KM, HemaTrace	Neg AP, H&E stain, RSID-Semen	Neg RSID-Saliva	
LRUUJY	Pos PTMB, HemaTrace	Neg AP	NT	
LUM3UF	Pos KM, TMB	Neg AP, PSA	Neg Phadebas	
LURGKN	Pos Brown color, O-tol, phenolphthalin	Neg AP, Micro	NT	
LVFZ2M	Pos KM	Neg AP, Micro	Neg RSID	
LWQ4KU	Pos ABACard HemaTrace	Neg p30, Micro	NT	
LYKPJN	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	

TABLE 1a - Item 3

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
M2XRZG	Pos PHE	Neg PSA, p30, Micro	NT	
M379NE	Pos TMB, HemDirect	NT	NT	
M4HZGF	Pos KM	Neg ALS, AP, Micro, PSA	Neg ALS, Amylase	
M62JYR	Pos TMB, HemaTrace	NT	NT	
M6JGJ6	Pos KM	NT	NT	
M8FBMN	Pos KM, HemaTrace	NT	Neg Phadebas	
MAJUDA	Pos KM, HemaTrace	Neg AP, PSA	Neg Amylase (Starch\Iodine)	Saliva, Neg Amylase (Phadebas)
MBFJRX	Pos KM	NT	NT	
MBQ7UE	Pos TMB, HemDirect	NT	NT	
MCEUU7	Pos LMG, HemaTrace, Ouchterlony	Neg AP	NT	Human Species, Ouchterlony Pos
MENPWD	Pos TMB, HemDirect	NT	NT	
MFC8LC	Pos KM	Neg AP	NT	
MGM4TQ	Pos KM, O-tol	Neg AP, PSA, Micro	Neg SALIgAE	Human Blood, Hexagon OBTI Pos
MGX7FP	Pos KM, O-to[ <i>sic</i> ]	Neg AP, PSA, Micro	Neg SALIgAE	Human Blood, Hexagon OBTI Pos
MH9DMN	Pos KM, HemaTrace	Neg AP	NT	
MKTG2M	Pos TMB	NT	NT	
MKZYA8	Pos KM	NT	NT	
MNHQJH	Pos KM	Neg AP	NT	
MP3TTB	Pos KM	NT	NT	
MPFDGX	Pos KM	NT	NT	
MPX92L	Pos KM	NT	NT	
MQG8CD	Pos LMG, HemaTrace	Neg AP, Micro, PSA	Neg Amylase	
MQVHDA	Pos O-tol	Neg AP, ALS	NT	Human Blood, RSID Pos
MR9397	Pos KM, HemaTrace	Neg AP	Neg Phadebas	
MRRZGE	Pos LMG, HemaTrace	Neg AP	NT	
MU3NAQ	Pos KM, HT	NT	NT	
MV6XDF	Pos KM	Neg AP	NT	
MWEVWY	Pos TMB, HemDirect	NT	NT	
MWTEFV	Pos Hemastix, HemaTrace	Neg AP	Neg RSID-Saliva	
MWZAGV	Pos TMB	Neg ALS, AP, Micro, PSA	Neg Amylase Diffusion	
MX2KL6	Pos PTMB, HemaTrace	NT	NT	

TABLE 1a - Item 3

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
MXGNRQ	Pos ABACard HemaTrace	Neg ALS, p30, Micro	NT	
MY3AAZ	Pos Takayama	NT	NT	
MYWRUH	Pos TMB, HemDirect	NT	NT	
N2KDD4	Pos KM	Neg AP	NT	
N34PGF	Pos TMB	NT	NT	
N6XAKU	Pos Hexagon OBTI	Neg PSA-Check-1	Neg RSID-Saliva	
N76RLG	Pos KM	NT	NT	
N7MQPV	Pos KM	NT	NT	
N8MRVY	Pos KM, HT	Neg AP, Micro, PSA	Neg Amy	
NATTJX	Pos PTMB, HemaTrace	Neg AP	NT	Human, Pos Quantifiler
NC4WR9	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
NCYLMP	Pos KM	Neg AP	Neg Phadebas test	
NDCK98	Pos LMG	Neg AP, ALS, PSA, Micro	NT	Blood, Pos HemaTrace
NKLNJU	Pos TMB, HemDirect	NT	NT	
NM8NKV	Pos Visual, LMG, ABA HemaTrace	NT	NT	
NQU2RP	Pos p-tmb	Neg AP	NT	hemoglobin, Pos HemaTrace
NRJHCL	Pos TMB	Neg ALS, AP	NT	
NTCFRT	Pos KM	Neg ALS, AP, Micro, PSA	Neg ALS, Amylase Diffusion Test	
NUMBHQ	Pos KM	Neg AP	NT	
NUXZW6	Pos KM, Precipitin	Neg AP	NT	
NVM4NC	Pos KM	Neg AP	Inc	
NWEYQR	Pos LMG, HemaTrace	Neg AP	NT	
NZKMQP	Pos KM	Neg ALS	NT	
NZTVFW	Pos KM, ABA HemaTrace	Neg AP, ALS, Micro, PSA	NT	
NZXA4H	Pos O-tol	Neg AP	NT	
P3NNCQ	Pos KM	NT	NT	
P8ZTZ2	Pos LMG, HemaTrace	Neg Brentamine	NT	
PAYKWZ	Pos RSID-Blood	Neg RSID-Semen	Neg RSID-Saliva	
PCDZJK	Pos PTMB, HemaTrace	Neg AP	NT	huDNA, Pos QF
PDF4UU	Pos LMG, HemaTrace	NT	NT	
PDKZBE	Pos KM	Neg AP, p30, Micro	NT	
PF96CY	Pos KM	NT	NT	

TABLE 1a - Item 3

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
PGRWKU	Pos KM, TAK, HemaTrace	Neg AP, Micro, p30	Neg Amy Diff	Human, Pos Ouch
PGWZ77	Pos KM	NT	NT	
PLGFK4	Pos KM, Takayama, Ouchterlony	NT	NT	
PLRJFK	Pos O-tol, KM	Neg Abacus p30 (PSA) card	Neg SALIgAE	Human Blood, Pos Hexagon OBTI
PNAADV	Pos O tol, HemDirect	Neg AP, PSA	Neg Amylase Diffusion	
PPME2B	Pos LMG	Neg AP	Neg RSID-Saliva	
PREFDE	Pos KM	Neg ALS, AP	NT	
PRQMB9	Pos TMB (Hemastix), HemaTrace	Neg ALS	NT	
PTBNP3	Pos visual, O-tol, RSID	Neg ALS, AP, PSA	NT	Human, Pos RSID-Blood-Human
PTEGCG	Pos KM	NT	NT	
PTJRGZ	Pos KM	Neg AP	NT	
PTMPT6	Pos KM	Neg AP	Neg RSID-Amylase	
PWT34D	Pos KM	Neg ALS, AP, Micro, PSA	Neg ALS, Amylase	
PZCZLY	Pos KM	NT	NT	
Q2TKFM	Pos KM	Neg AP	NT	
Q8BFUR	Pos PTMB, HemaTrace	NT	NT	
QAJZXN	Pos Phenolphthalein, HemaTrace	Neg ALS, AP, PSA, Micro	Neg ALS, SALIgAE	Human Origin, Pos HemaTrace, Quant Duo
QBVYX4	Pos KM	Neg AP	NT	
QFZQVF	Pos TMB	Neg AP, PSA, Micro	NT	
QGHTTG	Pos LMG, HemaTrace	Neg AP	NT	
QGZK9Y	Pos Hemochromogen	NT	NT	
QJ78KH	Pos KM	NT	NT	
QK3DAP	Pos KM	Neg AP	NT	
QL96VC	Pos RSID, KM, LMG	Neg AP, Micro, PSA	Neg RSID	
QLMMKA	Pos LMG	Neg ALS, AP	NT	
QNJRHK	Pos HemaTrace ABACard	Neg p30 ABACard, Micro	NT	ALS, Neg ALS
QPDN2J	Pos KM, HemaTrace	Neg AP, Seratec	Neg RSID	
QQ6TCJ	Pos Hemastix, HemaTrace	NT	NT	
QQUKRX	Pos TMB, HemaTrace	Neg AP	Neg RSID-Saliva	
QRGEXE	Pos KM	Neg AP, Micro	Neg Phadebas	
QTJZB7	Pos O-tol, KM, Takayama, RSID Blood, HemaTrace	NT	NT	

TABLE 1a - Item 3

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
QVYFED	Pos KM	Neg ALS, AP, PSA	NT	
QXGRX6	Pos TMB	Neg ALS, AP	NT	
QZ9UUK	Pos TMB	Neg AP, Micro, PSA	NT	
R2B7YZ	Pos TMB	NT	NT	
R4CWEQ	Pos LMG	NT	NT	
R7RKHC	Pos LMG Ouchterlony (α-HuHb)	Neg Micro, AP, PSA	NT	
R9MWV7	Pos KM, HT*	NT	NT	
RA6BNE	Pos Hemastix, HemaTrace	Neg AP	Neg RSID-Saliva	
RAEYKG	Pos TMB	Neg AP, PSA, Micro	NT	
RAFU4C	Pos TMB, HemDirect	NT	NT	
RB4GCC	Pos KM, TMB	Neg AP, PSA	Neg Phadebas	
RBMCUD	Pos KM	Neg AP	NT	
RBUBAA	Pos KM	Neg AP	NT	
RCVEK8	Pos TMB	NT	NT	
RCZRCB	Pos KM	Neg AP	NT	
RET9JV	Pos PTMB, HemaTrace	Neg AP	NT	Human DNA, Quantifiler Pos
RFCCVG	Pos phenolphthalein[sic], HemaTrace	Neg BCIP	NT	
RFRTTV	Pos LMG, HemaTrace	Neg AP, p30, Micro	NT	
RKVP2Y	Pos LMG, HemaTrace, Visual	NT	NT	
RLDQDC	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
RLDVME	Pos TMB, HemaTrace	Neg AP	NT	
RMTE3Q	Pos P/TMB	Neg AP, ALS	NT	
RNTCTC	Pos KM	NT	NT	
RNXMWV	Pos KM	Neg AP	NT	
RUKDA8	Pos KM, Hemastix, HemaTrace			
RWRNXB	Pos LMG, HemaTrace	Neg AP, PSA, Micro	Neg Amylase	
RYKPBB	Pos KM, HemaTrace	Neg AP, PSA	Neg Starch/Iodine, Phadebas	
RYZ3MZ	Pos KM, HemaTrace	Neg AP	NT	
RYZTNQ	Pos KM, Hexagon OBTI	Neg AP	NT	
T2BG9L	Pos KM, Human species testing	Neg AP, Micro for Sperm, p30 Immunoassay	Neg Micro for epithelial cells, Amylase Radial Diffusion	
T2EGD9	Pos KM, HemaTrace	Neg AP	NT	



TABLE 1a - Item 3

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
T2EYBQ	Pos KM	Neg AP	NT		
T2VPGV	Pos PTMB, HemaTrace	Neg AP	NT		Human, Pos Quantifiler
T2ZCAN	Pos KM	Neg AP	NT		
T42GJQ	Pos LMG, HemaTrace, Visual	Neg ALS	NT		
T42Q6V	Pos TMB, HemDirect	NT	NT		
T4KML9	Pos LMG	Neg AP	NT		
T6HRHJ	Pos ALS, ABACard HemaTrace	Neg ALS, ABACard p30, Phosphatesmo KM	NT		
T7P4YK	Pos PTMB	NT	NT		
T9F2XR	Pos KM, Quantifiler	NT	NT		
TA9Y6Y	Pos KM, HemaTrace	NT	NT		
TARYVG	Pos KM	Neg AP	NT		
TBJ4EF	Pos ABACard HemaTrace	Neg PSA, Micro	NT		
TDEJ3J	Pos Hemastix, HemaTrace	NT	NT		
TEJ8BA	Pos KM, HemaTrace	NT	NT		
TFWNL2	Pos PTMB, HemaTrace	Neg PSA, Micro	Neg RSID		Y-Screening, Pos
TG394V	Pos KM	Neg ALS, AP	NT		
THVN3F	Pos LMG	NT	NT		
THZJ3J	Pos TMB	Neg AP, Micro, PSA	NT		
TJ7RJV	Pos Phenolphthalein, HemaTrace	NT	Neg phadebus[sic]		
TJAVA8	Pos RSID	NT	NT		
TJC97G	Pos KM, HemDirect card	Neg AP, Micro, PSA card	Neg RSID-Saliva card		
TLGZ4B	Pos TMB, HemDirect	Neg AP	NT		
TLWF8P	Pos KM, HemaTrace	Neg AP	NT		
TPEXLA	Pos KM	Neg AP, PSA, ALS	NT		
TPJWXC	Pos KM	NT	NT		
TQ3JV8	Pos KM, LMG, RSID-Blood	Neg ALS, AP, PSA, Micro	Neg RSID-Saliva		
TTB6TQ	Pos Hemastix, HemaTrace	Neg AP, PSA	Neg RSID-Saliva		
TTUJ89	Pos KM	Neg AP, ALS, Micro	Neg Phadebas		Human, Male, Quant Duo Pos
TUVLEZ	Pos TMB	NT	NT		
TVR4P3	Pos KM	Neg PSA, Micro	NT		
TXML6A	Pos KM	Neg AP	NT		

TABLE 1a - Item 3

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
U2UN3X	<b>Pos</b> Visual, LMG, ABA HemaTrace	<b>NT</b>	<b>NT</b>		
U3NF8M	<b>Pos</b> KM	<b>NT</b>	<b>NT</b>		
U46FLB	<b>Pos</b> KM, HemaTrace	<b>Neg</b> AP, Micro, PSA	<b>Neg</b> Phadebas		
U4KX6H	<b>Pos</b> O-tol	<b>NT</b>	<b>NT</b>		<b>Human Blood, HemaTrace Pos</b>
U6WJY8	<b>Pos</b> KM				
U9ZQKB	<b>Pos</b> PTMB, HemaTrace	<b>NT</b>	<b>NT</b>		
UDB7AW	<b>Pos</b> LMG	<b>Neg</b> AP	<b>Neg</b> Phadebas		
UDN33U	<b>Pos</b> Visual, LMG, HemaTrace	<b>NT</b>	<b>NT</b>		<b>Human Origin, HemaTrace Pos</b>
UEE6ZF	<b>Pos</b> KM	<b>NT</b>	<b>NT</b>		
UF4UJA	<b>Pos</b> LMG	<b>Neg</b> AP	<b>Neg</b> RSID-Saliva		
UG9YQX	<b>Pos</b> LMG, HemaTrace	<b>Neg</b> ALS, AP (Brentamine)	<b>NT</b>		<b>Species-Human, Ouchterlony Pos</b>
UGKL4T	<b>Pos</b> Visual, LMG, HemaTrace	<b>NT</b>	<b>NT</b>		
UH2V7C	<b>Pos</b> KM	<b>Neg</b> AP, Micro	<b>Neg</b> RSID-Saliva		
UKZ9EC	<b>Pos</b> LMG, HemaTrace	<b>Neg</b> AP, PSA	<b>NT</b>		
ULWTEH	<b>Pos</b> Phenolphthalein, HemaTrace	<b>Neg</b> ALS, AP, Micro	<b>NT</b>		
ULXGWJ	<b>Pos</b> TMB	<b>NT</b>	<b>NT</b>		
UN6TTC	<b>Pos</b> KM, HemaTrace	<b>NT</b>	<b>NT</b>		
UQAH66	<b>Pos</b> KM	<b>NT</b>	<b>NT</b>		
UREU8T	<b>Pos</b> KM	<b>Neg</b> AP, Micro	<b>NT</b>		
UTJFK8	<b>Pos</b> KM, Modified Takayama	<b>Neg</b> ALS	<b>Neg</b> ALS		<b>Human Origin, Ouchterlony Pos</b>
UYZ7KG	<b>Pos</b> PTMB	<b>Neg</b> AP	<b>NT</b>		
UZEK97	<b>Pos</b> TMB, Hem-Direct	<b>NT</b>	<b>NT</b>		
V29P4Q	<b>Pos</b> TMB	<b>NT</b>	<b>NT</b>		
V42BEU	<b>Pos</b> KM, LMG, HemaTrace	<b>NT</b>	<b>NT</b>		
V4K6B9	<b>Pos</b> KM and HemaTrace	<b>Neg</b> AP and PSA	<b>Neg</b> Phadebas and Starch/Iodine		
V6RJCW	<b>Pos</b> KM	<b>NT</b>	<b>NT</b>		
V8AL7B	<b>Pos</b> KM	<b>NT</b>	<b>NT</b>		
V99TF3	<b>Pos</b> KM	<b>Neg</b> AP	<b>NT</b>		
V9BHP8	<b>Pos</b> LMG, HemaTrace	<b>Neg</b> AP	<b>NT</b>		
VCJ47C	<b>Pos</b> KM, HemaTrace	<b>Neg</b> AP, PSA, Micro	<b>Neg</b> RSID		

TABLE 1a - Item 3

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
VCK9VY	Pos KM	Neg ALS, AP, Micro, PSA	NT	Human Origin, Pos HemaTrace
VDGCHZ	Pos ortho-tolidine	Neg acid phosphatase	NT	Human, Pos RSID card
VE3K6B	Pos KM, HemaTrace	Neg AP, Seratec	Neg RSID	
VENPQ4	Pos Hstx, Htrace	NT	NT	
VFUR3V	Pos LMG, HemaTrace	Neg AP	NT	Species-Human, Pos Ouchterlony, Quantifiler
VHM72C	Pos KM	Neg ALS, AP, Micro, PSA	Neg Amylase Diffusion	
VHVRCF	Pos LMG, HemaTrace	Neg AP	NT	
VLGNRT	Pos KM, HemaTrace	NT	NT	
VMPVW7	Pos KM	Neg AP, Microscopic, p30		
VMYUVG	Pos KM, HemaTrace	NT	Neg Phadebas	
VNEMWV	Pos KM	Neg ALS, AP, Micro, PSA	NT	Human Origin, Pos HemaTrace
VNWBZQ	Pos PTMB	Neg ALS, AP	NT	
VP9XNX	Pos KM	Neg AP, Micro	Neg Amylase Diffusion	
VQRMDK	Pos KM	Neg ALS	NT	
VT7HB4	Pos LMG	Neg AP	Neg RSID-Amylase	
VTHY9U	Pos KM, HemaTrace	Neg AP, PSA	Neg Starch-Iodine Press test	Urine, Neg Urease
VTX6CZ	Pos KM	NT	NT	
VWAAKU	Pos KM	Neg AP	NT	
VWVEM3	Pos KM	NT	NT	
VX9A3U	Pos KM, HemaTrace	NT	NT	
VXCURH	Pos KM, HT	NT	NT	
VXFDYQ	Pos KM, HemaTrace	Neg ALS, TPMP	NT	
VXHF3C	Pos TMB	Neg AP	NT	
VZPTKX	Pos KM, HT	Neg AP, Micro	Neg Phadebas	
W2692W	Pos LMG	NT	NT	
W2DYK2	Pos KM	Neg AP		
W2N9RE	Pos KM	NT	NT	
W2WH9T	Pos Takayama	NT	NT	
W3AZJK	Pos KM, ABA HemaTrace	Neg AP	NT	
W47KB7	Pos TMB	NT	NT	
W6JZUY	Pos TMB	NT	NT	

TABLE 1a - Item 3

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
W9L3K8	Pos LMG	NT	NT	
WA24V3	Pos LMG, HemaTrace	Neg AP	NT	
WAZA4A	Pos Hemastix, HemaTrace	NT	NT	
WDANC9	Pos KM	Neg AP	NT	
WDXPJK	Pos KM	Neg AP, Micro for Sperm	Neg Amylase Radial Diffusion, Micro for e-cells	
WE7XNW	Pos O-tol	Neg AP	NT	Human Blood, RSID-Blood Pos
WENYFU	Pos TMB, HemDirect	NT	NT	
WFCLQG	Pos KM	Neg AP	Neg RSID-Saliva	
WGCCAH	Pos PTMB	NT	NT	
WJCR89	Pos KM	Neg ALS, AP, Micro, PSA	Neg ALS, Amylase Diffusion	
WJQYTX	Pos HemaTrace	Neg PSA	NT	
WKJNEB	Pos Phenolphthalein, HemaTrace	Neg BCIP	Neg Phadebas	
WLDFCQ	Pos KM, Hexagon OBTI test	NT	NT	
WQK4M6	Pos KM, Combur (TMB)	Neg AP, PSA	Neg Phadebas	
WQQ6UE	Pos LMG, Ouchterlony (anti-HuHb)	Neg AP, Micro, PSA	Neg Amylase	
WVBFA3	Pos KM	Neg ALS, AP, Micro, PSA	Neg Amylase	
WXWQ29	Pos KM	Neg ALS, AP, Micro	Neg Phadebas	Human, Pos Quant Duo
WY3ANH	Pos KM	Neg ALS, AP	NT	
WYJCJM	Pos luminol, Hexagon-OBTI	Neg AP	NT	
WZ8ZKE	Pos KM	Neg AP	NT	
X3VU8R	Pos KM	Neg AP	Neg Phadebas	Human Origin, Quantifiler Human Pos
X6EVQV	Pos KM	Neg ALS, AP	NT	
X7AL2V	Pos TMB	NT	NT	
X7HE8V	Pos KM, TMB (Hemastix), HemaTrace	Neg AP, Micro, PSA	Neg Starch-Iodine, Phadebas	Urine, Neg Urease
X7MTW3	Pos KM, HemaTrace	Neg AP	NT	
X8883T	Pos PTMB, HemaTrace	Neg AP	NT	Human DNA, Quantifiler Pos
XALJ7H	Pos KM	Neg ALS, AP, PSA, Micro	Neg ALS, Amylase Diffusion	
XATDGB	Pos KM	Neg AP, Micro		
XC3HY6	Pos KM	Neg AP, Micro	Neg Radial Diffusion	
XC7LQH	Pos PTMB, HemaTrace	Neg AP	NT	

TABLE 1a - Item 3

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
XDF6J8	Pos Hemastix, HemaTrace	NT	NT	
XDUDN2	Pos KM	Neg ALS, Micro, p30	NT	
XERPEP	Pos KM, HemaTrace	NT	NT	
XFJXEP	Pos KM, ABACard HemaTrace	Neg AP	Neg Amylase (Phadebas Press)	
XG4W4V	Pos Takyama[sic]	Neg Seratec (p30) & Christmas Tree (Sperm)	NT	
XHMPE7	Pos LMG, HemaTrace	Neg AP	NT	
XHP9CG	Pos TMB	Neg AP, Micro, PSA	Neg Amylase Diffusion	
XJYWJZ	Pos KM, HemaTrace	Neg AP	NT	
XMK473	Pos KM			
XNDV62	Pos TMB, HemDirect	NT	NT	
XP3DXM	Pos TMB	NT	NT	
XQ2BPV	Pos LMG, HemaTrace	Neg AP	NT	
XRALFP	Pos KM	NT	NT	
XRFA2X	Pos PTMB, HemaTrace	Neg ALS, AP	NT	
XUPPGW	Pos Kastle Meyer (KM)	Neg ALS, Fast Blue B (FBB)	NT	
XWZC8V	Pos KM	Neg ALS, AP	NT	
XX8FUR	Pos KM	NT	NT	
XYH3X9	Pos TMB, HemDirect	NT	NT	
Y3NAH4	Pos TMB	NT	NT	
Y3TLEY	Pos KM	Neg BCIP	Neg Amylase Diffusion	
Y64B4K	Pos LMG, HemaTrace	NT	NT	
Y8N4UD	Pos LMG, Ouchterlony (anti-HuHb)	NT	NT	
Y9G29X	Pos KM, RSID Blood	Neg AP	Neg RSID-Saliva	
Y9LCDG	Pos TMB, HemaTrace	Neg AP	NT	
YDFWCD	Pos Hemastix	Neg AP	Neg RSID	General, Neg ALS
YDX768	Pos KM	NT	NT	
YHHPNP	Pos KM, HemaTrace	NT	NT	
YJAL2X	Pos LMG	Neg AP	Neg RSID	
YJJDEY	Pos LMG	Neg AP, ALS		
YJPD49	Pos KM, Hemotrace[sic]	Neg AP, PSA	Neg Phadebas, Starch Iodine	
YJRLAU	Pos PTMB	NT	NT	

TABLE 1a - Item 3

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
YUZGZK	Pos PTMB, HemaTrace	Neg AP	NT	
YW4W3Q	Pos KM, HemaTrace	NT	NT	
YXJ9RN	Pos KM, Quantifiler	NT	NT	
YZ7N79	Pos O-tol, HemaTrace	NT	NT	
Z3V89J	Pos KM	Neg AP, Micro	NT	
Z499L6	Pos KM	Neg AP, Micro, ALS	Neg Phadebas	QuantDuo, Pos Human DNA
Z4ACJA	Pos KM	Neg ALS, AP, PSA, Micro	Neg Amylase Diffusion Test	
Z4DT33	Pos KM	Neg AP	NT	
Z4G9LU	Pos KM	NT	NT	
Z4RUGG	Pos KM	Neg BCIP	NT	
Z6WE67	Pos LMG, HemaTrace	Neg AP	NT	
Z7NJFB	Pos O-tol	NT	NT	
Z7PJ9D	Pos TMB	Neg AP, PSA, Micro	NT	
Z8KYUV	Pos KM	NT	NT	
Z8PEHF	Pos Phenolphthalein	Neg ALS, BCIP	NT	
Z8ZBF9	Pos KM	Neg AP	NT	
Z9AD28	Pos KM	Neg AP, Micro	NT	
ZAFVX3	Pos KM	Neg AP, ALS	NT	
ZDPVET	Pos KM, ABACard HemaTrace	Neg AP	Neg Phadebas Press	
ZEAWAWA	Pos KM, HemaTrace	NT	NT	
ZFZ3C2	Pos KM	Neg ALS, AP, Micro	Neg ALS, RSID	
ZG8WQG	Pos HemaTrace	Neg p30, Micro	NT	
ZJK3FM	Pos Takayama	NT	NT	
ZJYXUV	Pos PT-Takayama	Neg AP	Neg RSID-Saliva	Human Origin, Ouchterlony Pos
ZKFYA4	Pos KM, HemaTrace	Neg AP, PSA	Neg Starch/Iodine, Phadebas	
ZMG9WR	Pos KM, RSID	NT	NT	
ZMUNYB	Pos TMB	Neg AP, PSA, Micro	NT	
ZN4C6T	Pos KM	Neg ALS, AP, Micro, PSA	NT	Human Origin, HemaTrace ABACard Pos
ZNZGCU	Pos KM	NT	NT	
ZPWWM7	Pos KM, HemaTrace	Neg AP, ABACard p30, ALS	Neg RSID	
ZQT7YU	Pos O-tol	NT	NT	Human Blood, RSID Pos

TABLE 1a - Item 3

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
ZQT9QL	Pos KM	Neg AP	NT	
ZRXGK	Pos KM, HemaTrace	Neg ALS, AP, PSA, Micro	Neg Phadebas	
ZV2PZA	Pos HemaTrace	NT	NT	
ZY9M2J	Pos Hemastix, ABA HemaTrace confirmatory	NT	NT	

**Response Summary**

Participants: **774**

ITEM 3:	<u>Blood</u>	<u>Semen</u>	<u>Saliva</u>
Positive	<b>772</b>	<b>0</b>	<b>2</b>
Negative	<b>0</b>	<b>482</b>	<b>206</b>
Inconclusive	<b>0</b>	<b>0</b>	<b>2</b>
Not Tested (NT)	<b>0</b>	<b>275</b>	<b>535</b>
Not Reported	<b>2</b>	<b>17</b>	<b>29</b>

# Serology Screening Results

Indicate the results of any screening tests performed on the questioned stain Item 4 for body fluid identification and human origin determination.

TABLE 1b - Item 4

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
22U2MJ	Pos KM, Hexagon-OBTI	NT	NT	
23HM4M	Pos KM	Neg AP	NT	
23RPH8	Pos LMG	Neg AP	NT	Human Blood, HemaTrace Pos
299QLR	Pos LMG, HemaTrace	Neg Brentamine (AP), ALS	NT	Species (Human), Ouchterlony Pos
29GHYT	Pos KM	NT	NT	
29LN9N	Pos KM	Neg AP, Micro for Sperm	Neg Amylase, Micro for NEC	
29YKG2	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
29YPR4	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
2AAM6L	Pos Phenolphthalein[sic], HemaTrace	Neg ALS, BCIP	NT	
2AEMFU	Pos KM	NT	NT	
2AJNQN				Y Screening, Neg
2BF7NJ	Pos KM, HemaTrace	NT	NT	
2BPBTF	Pos PTMB	NT	NT	
2BX7MK	Pos KM	NT	NT	
2C3XBU	Pos KM, HemaTrace	NT	NT	Human, Pos Plexor, HemaTrace
2C6R22	Pos KM	NT	NT	
2CA38H	Pos PTMB	Neg ALS, AP	NT	
2CGTQM	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
2EVPPL	Pos KM	NT	NT	
2FUU8F	Pos KM	NT	Neg RSID-Saliva	
2HVUMZ	Pos KM	Neg Micro, p30, ALS	NT	
2HWUCT	Pos TMB	NT	NT	
2JKVVM	Pos KM	Neg AP	NT	
2KADN9	Pos KM, HemaTrace	Neg BCIP	Neg Phadebas	
2KR4V8	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
2NGR32	Pos TMB, HemDirect	NT	NT	
2P6XYJ	Pos KM	NT	NT	



TABLE 1b - Item 4

Fluid ID						
Webcode	Blood	Semen	Saliva	Other		
2PFWNB	Pos Phenolphthalein, ABA HemaTrace	Neg Acid Phosphatase, p30, Micro	Neg SALLgAE	optical, Neg ALS negative fluorescence[sic]		
2RPYNT	Pos KM, HemaTrace	NT	NT			
2U2JR8	Pos KM	Neg AP, PSA	Neg Starch-Iodine, Phadebas	Blood, Pos HemaTrace		
2UVFVH	Pos KM	NT	NT			
2VJTDZ	Pos KM	Neg AP	Neg Amylase Radial Diffusion			
2VLM77	Pos TMB (Hemastix), HemaTrace	Neg AP, ALS	NT			
2VQHT7	Pos KM	NT	Neg Phadebas			
2W3LER	Pos KM	NT	NT			
2XNK6G	Pos TMB, HemeDirect[sic]	Neg ALS, AP				
2YH6CK	Pos TMB, HemaTrace	Neg AP, PSA	Neg RSID-Saliva			
36RVDJ	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas			
39GC3E	Pos KM	Neg AP Spot	NT			
3AQJAD	Pos Hemastix	Neg AP	Neg RSID	Neg ALS		
3B4M2P	Pos KM	Neg ALS, AP, Micro, PSA	NT	Human Origin, HemaTrace Pos		
3BEMLC	Pos O-tol	Neg AP	NT			
3BJ3ZY	Pos Phenolphthalein, HemaTrace	Neg AP, PSA	Neg Phadebas, Starch/Iodine			
3C7RUE	Pos KM, HemaTrace	NT	NT			
3CNKUC	Pos LMG	Neg Micro	NT			
3GHJ98	Pos O-tol	Neg AP				
3L2ARF	Pos KM, HemaTrace	Neg AP	NT			
3MLPH2	Pos KM	NT	NT			
3PBD4X	Pos KM, HemaTrace	Neg AP	NT			
3RFJHQ	Pos KM	NT	NT			
3RKUH2	Pos TMB, KM	Neg AP, PSA	Neg Phadebas			
3YFZ66	Pos KM	Neg AP, Micro, PSA	NT			
3ZWMVP	Pos KM	NT	NT			
3ZWZEL	Pos KM	NT	NT			
42MLKH	Pos O-tol, Hem Direct	Neg AP, PSA, Micro	Neg Amy Diff, Micro			
47TF7D	Pos TMB	Neg AP, Micro, PSA	NT			
4ATLU4	Pos O-tol, HemaTrace	Neg AP	Neg RSID			

TABLE 1b - Item 4

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
4B48LQ	Pos KM	Neg AP, Micro	NT		
4BTEWG	Pos KM	Neg AP, ALS	NT		
4CLGKY	Pos TMB, HemDirect	NT	NT		
4CX6QQ	Pos KM, HemaTrace	Neg AP	NT		
4ETPW4	Pos LMG	NT	NT		
4G3MH9	Pos KM	NT	NT		Human Origin, ABACard Pos HemaTrace
4G6UWT	Pos TMB	NT	NT		
4G8GB7	Pos KM, HemaTrace	NT	Inc Phadebas		Fluorescence, ALS Neg
4GHX9W	Pos KM	Neg AP	NT		
4GUPUB	Pos KM	Neg AP	NT		
4LFGBV	Pos KM, Hemastix	Neg AP	Neg Phadebas		Urine, Neg Urease
4LJRFE	Pos KM, HB	Neg AP	NT		
4LNTMU	Pos O-tol, HemDirect	Neg AP, Micro, PSA	Neg Micro, Amylase Diffusion plate		
4MAJF7	Pos KM	Neg AP	Neg RSID-Saliva		Fluorescence, ALS Neg
4MKBKP	Pos KM, HemaTrace	NT	NT		Neg ALS
4Q3CYA	Pos KM, ABACard	Neg AP	Neg Phadebas Press		
4QZFHQ	Pos Hemastix (TMB), HemaTrace	Neg AP, p30	Neg RSID-Saliva		
4RANF7	Pos KM	Neg ALS, AP, Micro, PSA	Neg ALS, Amylase Diffusion		
4UA2W4	Pos LMG, HemaTrace	Neg AP	NT		
4UQLBW	Pos TMB, HemDirect	NT	NT		
4UYDXJ	Pos KM	Neg ALS, AP, Micro, PSA	NT		Human Origin, HemaTrace Pos
4VE9JW	Pos TMB (Combur), KM	Neg AP, PSA	Neg Phadebas		
4VXYRF	Pos TMB, HemaTrace	Neg AP, PSA	NT		
4YJUJF	Pos KM	Neg AP			
4YWD7M	Pos KM, HemaTrace	NT	NT		
4Z7PPW	Pos KM	Neg AP	NT		
64RFXT	Pos LMG, HemaTrace	Neg AP	NT		
6698CN	Pos KM, HemaTrace	Neg AP	NT		
66GUGC	Pos KM, HemaTrace	NT	NT		

TABLE 1b - Item 4

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
66KCJG	Pos KM-Phenolphthalein	Neg Seratec-PSA	NT	Human, Pos Seratec-HemDirect	
69HYX9	Pos O-tol	NT	NT	Human Blood, HemaTrace Pos	
6A99WG	Pos HemaTrace	Neg PSA	Neg RSID		
6APC9X	Pos TMB	NT	NT		
6B2YTX	Pos KM, ALS, Photo, HemaTrace	Neg AP, ALS	NT		
6B8AT9	Pos O-tol	Neg AP, Micro	Neg RSID		
6DBJYQ	Pos PTMB, HemaTrace	Neg AP	NT		
6EUNWB	Pos TMB, HemaTrace	Neg AP, p30, Micro	Neg Amylase		
6L68TH	Pos KM, HemaTrace	NT	NT		
6M924T	Pos KM	Neg ALS, AP, Micro, PSA	Neg ALS, Amylase Diffusion		
6MGZH4	Pos HemaTrace, Hemastix	NT	NT		
6MLBHE	Pos KM	Neg AP	NT		
6N96MW	Pos KM	NT	NT		
6NVBHF	Pos PTMB	Neg AP, alternate light source	NT		
6PGABT	Pos KM	NT	NT		
6PJR4	Pos Hemastix, HemaTrace	NT	NT		
6PJXQB	Pos KM, HO Test	NT	NT		
6PT3UA	Pos KM	NT	NT		
6QYN8N	Pos PTMB, HemaTrace	Neg AP	NT		
6RDLLC	Pos O-tol	Neg AP	NT		
6V9DEG	Pos KM	Neg ALS, AP	NT		
6WRMM4	Pos PTMB, HemaTrace	NT	NT		
6XH8NM	Pos KM, HemaTrace	Neg AP, PSA, Micro	NT		
6ZL29L	Pos KM, HemaTrace	Neg ALS, AP	NT		
6ZYTQH	Pos PTMB	Neg AP	NT		
72YY4C	Pos Hemastix, ABA HemaTrace confirmatory	NT	NT		
73AVKA	Pos KM, HemaTrace	NT	NT		
73Z72P	Pos Takayama	Neg PSA, Micro	NT		
768PUJ	Pos KM;HemaTrace	NT	Neg RSID		
76JQH7	Pos KM, HemaTrace	Neg AP, Seratec	Neg RSID		

TABLE 1b - Item 4

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
77BK3Z	Pos KM, HemaTrace	NT	Neg Phadebas	
77KWJ7	Pos KM, Ouchterlony (species)	Neg AP, p30 immunoassay, ALS, Micro for Sperm	Neg Amylase, Micro for nucleated epithelial cells	Human Species, Species Ouchterlony Pos (a-HuHb)
7882CC	Pos KM	Neg AP	NT	
78LWPP	Pos KM, RSID-Blood	NT	NT	
79B7FF	Pos TMB	NT	NT	
79FJAF	Pos KM, ABACard HemaTrace	Neg AP	Neg Phadebas Press	
7C8JYP	Pos KM	Neg ALS, AP, Micro, PSA	NT	Human Origin, HemaTrace Pos
7CN84K	Pos PTMB	NT	NT	
7CYAH4	Pos Hemestix[sic], HemaTrace	Neg AP	Neg RSID	
7DQRC6	Pos KM	Neg AP, PSA	Neg Phadebas Amylase	
7HEFWQ	Pos KM	NT	NT	
7KBJ9X	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
7L3TU2	Pos Hemastix, HemaTrace	NT	NT	
7M3AKC	Pos KM	Neg ALS, AP, PSA, Micro	Neg ALS, Amylase Diffusion	
7MNHW2	Pos KM	Neg ALS, AP, Micro, PSA	Neg ALS, Amylase Diffusion	
7MTZ6D	Pos KM, HemaTrace	NT	NT	
7N6KTY	Pos LMG			
7QD6J3	Pos LMG, HemaTrace	Neg AP	NT	
7V3HA6	Pos KM	NT	NT	
7VB862	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
7W8BTP	Pos Phenolphthalein	Neg AP, Micro, ALS	Neg RSID, ALS	
7X4TWR	Pos TMB, HemDirect	Neg AP	NT	
7X7DXL	Pos KM	NT	NT	
7XMH8K	Pos KM	Neg ALS, AP, Micro, PSA	Neg ALS, Amylase Diffusion	
7YEXH9	Pos O-tol	Neg AP	NT	
82B49M	Pos LMG, HemaTrace	Neg AP	NT	
82EPQ8	Pos KM, Seratec HemDirect	Neg ALS, AP	NT	
833CUU	Pos KM	NT	NT	
83CJJH	Pos Takayama	NT	NT	

TABLE 1b - Item 4

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
83NV24	Pos KM			
84MLPH	Pos KM	Neg AP	NT	
8894QM	Pos KM	Neg ALS, AP, Micro, PSA	Neg ALS, Amylase Diffusion Test	
88LYC9	Pos KM, HemaTrace	Neg BCIP	NT	
8AN4J2	Pos LMG	Neg AP	NT	
8B3EK4	Pos KM			
8BP7YE	Pos KM	Neg AP, ALS, Micro, PSA	Neg Amylase, ALS	
8CARVQ	Pos TMB	NT	NT	
8CAUWF	Pos KM	Neg AP	Neg Phadebas	
8ET2U3	Pos O-tol	Neg AP, PSA	NT	
8F4YWY	Pos TMB	NT	NT	
8KARRP	Pos HSTX, HT	Neg AP	Neg RSID-Saliva	
8PV7ZV	Pos LMG	Neg AP, Micro		
8QFUMB	Pos Phenolphthalein, HemaTrace	Neg BCIP	Neg Phadebas	
8R2PXK	Pos TMB	NT	NT	
8RZYUW	Pos LMG, HemaTrace	Neg AP, PSA, Micro	NT	
8UPAQW	Pos KM	Neg ALS	NT	
8W2UYG	Pos KM, HemaTrace	Neg ALS, AP	NT	
8W2VXB	Pos KM, LMG, HemaTrace	NT	NT	
8XA6FT	Pos KM	Neg AP	NT	
8Z9G3U	Pos KM	Neg AP, ALS, Micro, PSA	Neg Amylase Diffusion, ALS	
93JMML	Pos KM, HemaTrace	Neg AP, PSA, Microscopic	NT	
98GM24	Pos KM, HemaTrace	NT	NT	
99CHVK	Pos KM, O-tol, Takayama, RSID-Blood, HemaTrace	NT	NT	Dog Blood, Neg Ouchterlony
99D6YY	Pos Hemastix	Neg AP	Neg RSID	Human, Pos HemaTrace
99PB84	Pos LMG, HemaTrace	Neg AP	NT	
99WN7R	Pos Hemastix, HemaTrace	Neg AP	Neg RSID	
9AM647	Pos Hemastix	Neg AP, ALS	Neg RSID-Saliva, ALS	
9CBLA8	Pos KM, Hemastix, HemaTrace	Neg AP	Neg RSID	Fluorescence, ALS Neg
9EHE72	Pos LMG, HemaTrace	NT	NT	

TABLE 1b - Item 4

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
9EMECM	Pos Takayama			
9EPR9W	Pos TMB	NT	NT	
9HV8YY	Pos KM	NT	NT	
9JBH2X	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
9JHUEG	Pos KM, HemaTrace	Neg AP	NT	
9MMDMB	Pos KM	Neg AP, Micro	Neg Amylase Radial Diffusion	
9NJ2UD	Pos KM, Hexagon OBTI	NT	NT	
9NXF98	Pos KM	Neg AP, PSA	NT	
9QQ34D	Pos TMB, HemaTrace	Neg ALS, AP	NT	
9RBUJE	Pos KM	Neg ALS, AP, Micro, PSA	NT	Human Origin, HemaTrace Pos
9RDR46	Pos KM	Neg AP	NT	
9TPGMW	Pos LMG, HemaTrace	Neg AP, Micro, PSA	Neg Amylase	
9VWXN9	Pos TMB, HemDirect	NT	NT	
9W7YLD	Pos KM, HemaTrace	Neg AP		
9WQTYN	Pos O-tol	Neg ALS, AP	NT	
9XD2LA	Pos O-tol	Neg AP	NT	
9XQKGZ	Pos LMG	NT	NT	
9XYWPD	Pos KM	Neg ALS, AP, PSA, Micro	Neg ALS, Amylase Diffusion	
A34Y8Y	Pos KM	Neg ALS, AP, Micro, PSA	Neg Amylase	
A7ERP7	Pos PTMB	NT	NT	
AA2CWB	Pos LMG	Neg AP, Micro, PSA	NT	
ABXEL6	Pos Hemastix	Neg AP	Neg RSID-Saliva	
ADTWZD	Pos KM, HemaTrace	Neg AP, PSA	Neg RSID	
AFTGRZ	Pos LMG, HT	NT	NT	
AJFDYG	Pos KM	NT	NT	
AK9FHR	Pos KM	NT	NT	
ALBY22	Pos KM	NT	NT	Human Origin, ABA HemaTrace Pos
AM3AAU	Pos O-tol	NT	NT	
AM8DFQ	Pos KM, Modified Takayama	Neg ALS	Neg ALS	Human Origin, Ouchterlony Pos

TABLE 1b - Item 4

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
ANYKA2	Pos O-tol	NT	NT	Human Blood, HemaTrace Pos
AP228L	Pos KM, HemaTrace	Neg AP, PSA	Neg Starch/Iodine, Phadebas	
AQ648R	Pos KM, HemaTrace	NT	NT	
AQF7KX	Pos KM, HemDirect	Neg AP, ALS	Neg RSID	
ATTCVU	Pos HemaTrace, LMG	Neg AP	NT	
ATW4ML	Pos KM, HemaTrace	Neg AP, PSA	Neg Phadebas	Urine, Neg Urease
ATWT3C	Pos Hemastix, HemaTrace	NT	NT	
AUAWYW	Pos KM, HemaTrace	NT	Neg Phadebas	
AUF3J6	Pos KM, HemaTrace	Neg ALS, AP, PSA, Micro	Neg SALLgAE	
AUG3EW	Pos LMG	Neg AP	NT	
AVGCW2	Pos PTMB	Neg AP	NT	Human, Pos HemaTrace
AVKFGE	Pos KM, LMG, HemaTrace	NT	NT	
AZ2DB2	Pos TMB	NT	NT	
AZA29K	Pos KM, Takayama, Ouchterlony	NT	NT	Neg ALS
AZLWDY	Pos KM	Neg AP	NT	
B6RQRX	Pos KM	Neg AP, PSA	NT	
B6VEA7	Pos Phenolphthalein	NT	NT	
B77F6U	Pos LMG, HemaTrace	Neg AP, Micro, PSA	Neg Amylase	
B7BLRJ	Pos KM	NT	NT	
B9M9L3	Pos KM	NT	NT	
BAF48Q	Pos KM, Modified Takayama	NT	NT	Human Origin, Ouchterlony Pos
BBEWDH	Pos PTMB	NT	NT	
BBLRBW	Pos KM	Neg AP, Micro	Neg Phadebas	
BCDWPG	Pos HemaTrace	Neg PSA	NT	
BCWQ63	Pos KM	Neg AP	NT	
BDCPZE	Pos KM	NT	NT	
BDPDU3	Pos KM	Neg ALS, AP, PSA, Micro	Neg ALS, Amylase Diffusion test	
BEE4NU	Pos TMB	NT	NT	
BEHETD	Pos Visual, LMG, HemaTrace	Neg Micro, ALS, PSA, AP	NT	
BFD3ZZ	Pos KM	Neg AP, ALS	NT	

TABLE 1b - Item 4

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
BFEZG4	Pos LMG, HemaTrace	Neg AP	NT		
BFWZF8	Pos Hemastix, ABA/HemaTrace	NT	NT		
BHQHV3	Pos KM	NT	NT		
BHZJPN	Pos KM	Neg ALS, AP, Micro, PSA			
BJBPHH	Pos TMB	NT	NT		
BJMURV	Pos LMG	NT	NT		
BJXWA9	Pos KM, Hexagon OBTI	NT	NT		
BKYQ7J	Pos KM, RSID	NT	NT		
BMJJ6E	Pos KM	Neg AP	NT		
BNTKZ3	Pos LMG, HemaTrace	Neg Brentamine (AP)	NT		
BQRLEH	Pos KM	NT	NT		
BQZZBE	Pos LMG, HemaTrace	Neg AP, PSA	NT		
BTDAQ79	Pos KM	Neg AP, ALS, Micro, PSA	Neg Amylase Diffusion, ALS		
BTND3G	Pos KM	Neg AP	Neg Phadebas	Human Origin, Quantifiler Human Pos	
BTPDUX	Pos KM, HemaTrace	NT	NT		
BTTP3M	Pos TMB, HemDirect	NT	NT		
BUGEUQ	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas		
BV63PE	Pos KM, HemaTrace	Neg A.P.	NT		
BVGD7Z	Pos KM, LMG, HemaTrace	NT	NT		
BVNJHB	Pos LMG, HemaTrace, Visual	NT	NT	Human Origin, HemaTrace Pos	
BZ6X2N	Pos Kastle Meyer Test	Neg Microscopic, p30, ALS			
BZJ4Y7	Pos LMG, HemaTrace	NT	NT		
C2HQQM	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas		
C3FLJX	Pos PTMB	NT	NT		
C3Q9DE	Pos KM	NT	NT		
C6K7JR	Pos KM	Neg ALS, AP	NT		
C8LDFP	Pos PHTH, Hemastix, HemaTrace	Neg AP	Neg RSID-Saliva		
C9CYZU	Pos O-tol	Neg AP	NT		
CAANHB	Pos PTMB, HemaTrace	NT	NT	Human DNA, Pos Quantifiler	



TABLE 1b - Item 4

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
CCC7EX	Pos KM	Neg AP, Micro	Neg RSID	
CDDHBE	Pos KM	NT	NT	
CDTKV3	Pos KM	NT	NT	
CFGRDX	Pos Hemastix	NT	NT	
CHJUW7	Pos TMB, H'trace, Anti HHb	Neg AP	NT	
CK7HCU	Pos KM			
CKHTRQ	Pos KM, HemaTrace	Neg AP	NT	
CKYCT7	Pos KM	Neg AP	Neg RSID	
CL2VAU	Pos KM	Neg ALS, AP, PSA, Micro	NT	
CNLXQD	Pos LMG, HemaTrace	Neg AP	NT	Human Origin, Pos HemaTrace, Ouchterlony, Quantifiler
CNVLHQ	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
CPMKLK	Pos KM	Neg AP	NT	
CTYN92	Pos LMG, HemaTrace	NT	NT	
CU73D9	Pos TMB, HemDirect	NT	NT	
CVQQ7Z	Pos KM, HemaTrace	Neg AP, Seratec	Neg RSID	
CY8KVT	Pos PTMB, HemaTrace	Neg AP	NT	
CZLRJV	Pos PTMB, HemaTrace	NT	NT	
D36P88	Pos Hemastix, HemaTrace	NT	NT	
D3A6PE	Pos LMG, HT	NT	NT	
D89ULJ	Pos KM	Neg ALS, AP	NT	
DAG237	Pos TMB	NT	NT	
DBCJZ2	Pos TMB	Neg ALS, AP	NT	
DE9H8H	Pos KM	Neg AP, Micro	NT	
DEDTZV	Pos TMB	Neg AP, PSA	NT	
DF7KC2	Pos ALS, HemaTrace	NT	NT	
DFJCYB	Pos PTMB	NT	NT	
DFTYX4	Pos KM	Neg AP	NT	
DHDBTC	Pos RSID-Blood	Neg RSID-Semen	Neg RSID-Saliva	
DLTPP7	Pos LMG, HT	NT	NT	
DNMXDL				Y Screening, Neg

TABLE 1b - Item 4

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
DNRBEN	Pos KM, ABA HemaTrace	NT	NT	
DNWC9T	Pos KM	Neg ALS, AP, Micro, PSA	Neg ALS, Amylase Diffusion	
DPHKYB	Pos KM	NT	NT	
DU2Z4U	Pos TMB	NT	NT	
DVEPHD	Pos KM	Neg AP	NT	
DVFH9L	Pos KM, HemaTrace	Neg AP	NT	
DXCLNF	Pos KM, LMG, HemaTrace	NT	NT	
DYLMFF	Pos HemaTrace	Neg Seratec PSA		
E2VZT2	Pos LMG, HT	NT	NT	
E3BCMB	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
E43TUL	Pos Hemastix, HemaTrace	NT	NT	
E4CJMP	Pos KM	NT	NT	
EAAD2Q	Pos KM	Neg ALS, AP, Micro, PSA	Neg ALS, Amylase	
EARXLG	Pos KM	Neg AP (STMP)		
EAVU96	Pos KM	Neg AP	NT	
EC34FH	Pos KM	NT	NT	
EC43HP	Pos PH	Neg AP	NT	
ECAA4J	Pos KM	Neg ALS, AP, Micro	Neg ALS, Phadebas	Human DNA Quantifiler Duo Detected
EDC743	Pos KM	Neg AP	NT	
EDGJYQ	Pos KM			
EGMVB6	Pos KM	Neg BCIP	Neg Phadebas	
EJJR28	Pos KM, HemaTrace	Neg AP	NT	
EJQV6A	Pos KM, HemaTrace	Neg AP, Micro, PSA	NT	
EJY6H4	Pos TMB, HemDirect	NT	NT	
EKVP83	Pos TMB	NT	NT	
EMVRZJ	Pos KM	Neg ALS, AP	NT	
ET6XRJ	Pos LMG	Neg AP	Neg RSID-Saliva	
EVFW2H	Pos LMG	NT	NT	
EWFJAH	Pos Kastle Meyer (KM)	Neg ALS, Fast Blue B (FBB)	NT	
EXKKM3	Pos O-tol, LMG, KM, HemaTrace	Neg AP, PSA card, Micro	Neg Amylase Diffusion	

TABLE 1b - Item 4

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
EXAFT	Pos KM	Neg ALS, AP	NT		
EYCHV9	Pos KM	Neg AP, Micro	NT		
EYZ88C	Pos KM				
EZE33W	Pos FOB, TMB	Neg PSA	NT		
EZP2TK	Pos KM	NT	NT		
EZUFDX	Pos KM	NT	NT		
F2FM22	Pos HemaTrace	NT	NT		
F2K2JU	Pos KM	NT	NT		
F32Y9D	Pos KM	Neg AP			
F6QC37	Pos LMG, KM	NT	NT		
F7YFTU	Pos KM	NT	NT		
F88UVU	Pos KM	NT	NT		
FC8TR7	Pos KM, O-tol, Takayama, RSID-Blood, HemaTrace				
FFDMXB	Pos KM	NT	NT		
FHERAZ	Pos KM, O-tol	Neg AP, PSA, Micro	Neg SAlIgAE	Human Blood, Hexagon OBTI Pos	
FJJJQX	Pos PTMB, HemaTrace	Neg AP	NT		
FKNRL6	Pos PTMB	Neg AP	NT		
FLM2GM	Pos LMG, HemaTrace	Neg AP, PSA, Micro	Neg Amylase		
FP3KF4	Pos KM, HT	Neg AP	NT		
FQ64WT	Pos TMB	NT	NT		
FX4JQ8	Pos KM, HemaTrace	NT	NT		
FXTP7B	Pos KM	NT	NT		
FY7PBV	Pos KM, O-tol	Neg AP, PSA, Micro	Neg SAlIgAE	Human Blood, OBTI Pos	
FZ6TA9	Pos KM	Neg AP, Micro for Sperm	Neg Amylase, Micro for NECs		
FZA4AJ	Pos TMB, KM	Neg AP, PSA	Neg Phadebas (Amylase)		
G3U9FP	Pos HemDirect	Neg p30	Neg amalyse[sic]		
G63KGV	Pos Red brown stain, PTPH, O-tol	Neg Micro, AP	NT		
G73WHD	Pos PTMB	NT	NT		
G8WGG7	Pos KM	NT	NT		

TABLE 1b - Item 4

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
GDWMJW	Pos KM	NT	NT	
GE6WJR	Pos KM, HemaTrace	Neg AP, Seratec	Neg RSID	
GGEM3T	Pos PPTH, Red-brown, O-tol	Neg AP, confirmed no SP with Micro	NT	
GGU3Z7	Pos TMB	NT	NT	
GHHNEF	Pos TMB, KM	Neg ALS, AP, PSA, Micro	Neg RSID	Human, Pos Quantifiler Duo
GJ47VE	Pos KM, HemaTrace	Neg AP	NT	
GKHG2Y	Pos KM	Neg AP	NT	
GLJKEH	Pos TMB	NT	NT	
GMKF3Q	Pos KM, HemaTrace	Neg AP, Seratec	Neg RSID	
GPQW9Q	Pos TMB	NT	NT	
GRTP6T	Pos KM, HemaTrace	Neg ALS, AP	NT	
GT896H	Pos KM	Neg ALS, AP, Micro	Neg Phadebas	Human DNA detected, Pos Quantifiler Duo
GUVNDZ	Pos TMB, HemaTrace, Ouchterlony	Neg AP, PSA	NT	
GW3NCY	Pos PTMB, HemaTrace	NT	NT	
GYAGEQ	Pos KM	Neg AP		
H3LQL4	Pos PTMB	Neg AP	NT	
H4Z3L9	Pos TMB	NT	NT	
H74VE8	Pos KM	Neg AP, ALS, Micro, PSA	Neg ALS, Amylase Diffusion	
H87HEY	Pos KM, HemaTrace, LMG	NT	NT	
H8AKDA	Pos Takayama	NT	NT	
H8MPHD	Pos KM, RSID Blood	Neg AP	Neg RSID-Saliva	
HBDBVX	Pos TMB, HemDirect	Neg ALS, AP	NT	
H DPRME	Pos KM, Takayama	Neg AP	NT	Human Origin, Ouchterlony Pos
HDULDU	Pos PTMB, HemaTrace	Neg ALS, AP	NT	
HDXKU3	Pos O-tol, ABA HemaTrace cards	NT	NT	
HGXEJT	Pos KM, O-tol, Hexagon OBTI	Neg AP, PSA, Micro	Neg SAlIgAE	
HHHYXP	Pos KM			
HHKXBC	Pos PTMB, HemaTrace	NT	NT	
HHLN4T	Pos KM	NT	NT	

TABLE 1b - Item 4

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
HJLWHQ	Pos Hemastix, HemaTrace	Neg AP, Micro, PSA	Neg RSID	
HLUUK9	Pos PTMB	NT	NT	
HMHW4U	Pos Phenolphthalein, HemaTrace	Neg ALS, BCIP	Neg Phadebus[sic]	
HNA29M	Pos KM, HemaTrace	Neg AP, Seratec	Neg RSID	
HTLJEP	Pos PTMB, HemaTrace	NT	NT	
HTPNQX	Pos TMB	Neg ALS, AP	NT	
HTZC3M	Pos TMB, HemDirect	NT	NT	
HVLB7J	Pos TMB	NT	NT	
HVRCHG	Pos KM, RSID-Blood	Neg AP	Neg RSID-Saliva	
HYG48D	Pos PTMB	Neg ALS, AP	NT	
HZMBT7	Pos KM, HemaTrace	Neg AP	Neg Phadebas Press	
J4GNQH	Pos KM, LMG, RSID-Blood	Neg AP, Micro, PSA	Neg RSID-Saliva	
J6PU2W	Pos Phenolphthalein	NT	NT	
J6PWPF	Pos KM	Neg AP, Micro	Neg Radial Diffusion	
J9QXTJ	Pos KM	NT	NT	
JAMDB9	Pos KM, RSID Blood	Neg AP	Neg RSID-Saliva	
JC8AUT	Pos KM	NT	NT	
JCJFTJ	Pos KM	Neg ALS, AP Micro	Neg Phadebas	Human DNA Quantifiler Duo detected, Pos
JCQYBG	Pos HemaTrace, KM	NT	NT	
JCVH9K	Pos KM	Neg AP	NT	
JE2U2F	Pos KM, HemaTrace	Neg AP	NT	
JEN7ZY	Pos O-tol	Neg AP	NT	
JG4T2L	Pos TMB, HemDirect	NT	NT	
JJNR6H	Pos TMB, HemeDirect[sic]	Neg ALS, AP	NT	
JMM7HK	Pos KM	Neg AP, PSA, Micro, ALS	Neg Amylase, ALS	
JMPQPM	Pos Hemastix, HemaTrace	NT	NT	
JNF339	Pos KM	Neg ALS, AP, Micro, PSA	Neg ALS, Amylase Diffusion	
JQ4HEG	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Amylase	
JQJ2VT	Pos KM	Neg AP	Neg RSID	
JR8HZU	Pos KM	Neg AP	Neg RSID-Saliva	

TABLE 1b - Item 4

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
JRVA8E	Pos KM	Neg AP/PSA	Neg Starch iodine/Phadebas	Blood, Pos HemaTrace
JRZUHW	Pos TMB	Neg AP, Micro, PSA	NT	
JTFCKD	Pos KM, HemaTrace	Neg TMP, Micro, PSA	Neg Phadebas (Press)	
JW6U7R	Pos Hemastix	Neg AP	Neg RSID-Saliva	Fluorescence, ALS Neg
JYFUAE	Pos KM	Neg ALS, AP	NT	
JYKHAZ	Pos KM, HemaTrace	NT	NT	
JZKTFT	Pos KM	NT	NT	
K2EJYZ	Pos Hemastix, KM, HemaTrace	Neg AP	Neg RSID	
K7P362	Pos KM, HemaTrace	Neg BCIP	NT	
K94URW	Pos KM	Neg AP, PSA, Micro (Sperm)	Neg Amylase RD, Micro (nuc. e-cells)	
KBQG DV	Pos Haemastix[sic]	NT	NT	
KC8HNX	Pos KM	NT	NT	
KCGGHV	Pos PTMB	NT	NT	
KDALJG	Pos LMG	Neg AP	Neg RSID-Amylase	
KDFKHD	Pos KM	NT	NT	
KDLX76	Pos KM, RSID	NT	NT	
KDV6RK	Pos Hemastix	NT	NT	
KFWA2N	Pos TMB	Neg ALS, AP	NT	
KNRAP2	Pos HemaTrace	NT	NT	
KVFMWE	Pos LMG	Neg AP, ALS	NT	
KX68G8	Pos KM, HemaTrace			
KY66ET	Pos KM, HemaTrace	Neg BCIP, p30, Micro	Neg Phadebas	
L2AE23	Pos KM	NT	NT	
L3EQDE	Pos KM	Neg AP	NT	
L3T8JB	Pos Combur (TMB) , KM	Neg AP, PSA	Neg Phadebas	
L67LA7	Pos O-tol	NT	NT	Human Blood, HemaTrace Pos
L6QKXC	Pos Hemastix, HemaTrace	Neg AP	Neg RSID-Saliva	
L6V3ZH	Pos LMG	NT	NT	
L7FRJE	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
L99ACZ	Pos KM	NT	NT	

TABLE 1b - Item 4

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
LAAPVZ	Pos KM	NT	NT		
LCZX6G	Pos KM				
LDKAEU	Pos KM				
LE7VD4	Pos KM	Neg ALS, AP, PSA, Micro	NT		Human Origin, HemaTrace Pos
LFF9AT	Pos KM	Neg AP, Micro	Neg Amylase, Micro		
LG2C3X	Pos KM	NT	NT		
LGG6NA	Pos LMG, HemaTrace	Neg AP	NT		
LH7G73	Pos TMB	NT	NT		
LJ6JFB	Pos Kastle Meyer (KM)	Neg ALS, Fast Blue B (FBB)	NT		
LL9DZF	Pos KM, LMG, RSID-Blood	Neg AP, PSA, Micro	Neg RSID-Saliva		
LLLEW4	Pos KM	Neg ALS, AP, Micro, PSA	NT		Human Origin, HemaTrace Pos ABACard
LME2ZD	Pos KM	NT	NT		
LMGK7P	Pos KM	Neg AP, Micro for Sperm	Neg ARD, Micro for E-cells		
LNNVUT	Pos KM, HemaTrace	Neg AP, H&E stain, RSID-Semen	Neg RSID-Saliva		
LRUUJY	Pos PTMB, HemaTrace	Neg AP	NT		
LUM3UF	Pos KM, TMB	Neg AP, PSA	Neg Phadebas		
LURGKN	Pos Brown color, O-tol, phenolphthalin	Neg AP Micro	NT		
LVFZ2M	Pos KM	Neg AP, Micro	Neg RSID		
LWQ4KU	Pos ABACard HemaTrace	NT	NT		
LYKPJN	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas		
M2XRZG	Pos PHE	Neg PSA, p30, Micro	NT		
M379NE	Pos TMB, HemDirect	NT	NT		
M4HZGF	Pos KM	Neg ALS, AP, Micro, PSA	Neg ALS, Amylase		
M62JYR	Pos TMB, HemaTrace	NT	NT		
M6JGJ6	Pos KM	NT	NT		
M8FBMN	Pos KM, HemaTrace	NT	Neg Phadebas		
MAJUDA	Pos KM, HemaTrace	Neg AP, PSA	Neg Amylase (Starch\Iodine)		Saliva, Neg Amylase (Phadebas)
MBFJRX	Pos KM	NT	NT		
MBQ7UE	Pos TMB, HemDirect	NT	NT		

TABLE 1b - Item 4

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
MCEUU7	Pos LMG, HemaTrace, Ouchterlony	Neg AP	NT	Human Species, Ouchterlony Pos	
MENPWD	Pos TMB, HemDirect	NT	NT		
MFC8LC	Pos KM	Neg AP	NT		
MGM4TQ	Pos KM, O-tol	Neg AP, PSA, Micro	Neg SALIgAE	Human Blood, Hexagon OBTI Pos	
MGX7FP	Pos KM, O-tol	Neg AP, PSA, Micro	Neg SALIgAE	Human Blood, Hexagon OBTI Pos	
MH9DMN	Pos KM, HemaTrace	Neg AP	NT		
MKTG2M	Pos TMB	NT	NT		
MKZYA8	Pos KM	NT	NT		
MNHQJH	Pos KM	Neg AP	NT		
MP3TTB	Pos KM	NT	NT		
MPFDGX	Pos KM	NT	NT		
MPX92L	Pos KM	NT	NT		
MQG8CD	Pos LMG, HemaTrace	Neg AP, Micro, PSA	Neg Amylase		
MQVHDA	Pos O-tol	Neg AP, ALS	NT	Human Blood, RSID Pos	
MR9397	Pos KM, HemaTrace	Neg AP	Neg Phadebas		
MRRZGE	Pos LMG, HemaTrace	Neg AP	NT		
MU3NAQ	Pos KM, HT	NT	NT		
MV6XDF	Pos KM	Neg AP	NT		
MWEVWY	Pos TMB, HemDirect	NT	NT		
MWTEFV	Pos Hemastix, HemaTrace	Neg AP	Neg RSID-Saliva		
MWZAGV	Pos TMB	Neg ALS, AP, Micro, PSA	Neg Amylase Diffusion		
MX2KL6	Pos PTMB, HemaTrace	NT	NT		
MXGNRQ	Pos ABACard HemaTrace	Neg ALS, p30, Micro	NT		
MY3AAZ	Pos Takayama	NT	NT		
MYWRUH	Pos TMB, HemDirect	NT	NT		
N2KDD4	Pos KM	Neg AP	NT		
N34PGF	Pos TMB	NT	NT		
N6XAKU	Pos Hexagon OBTI	Neg PSA-Check-1	Neg RSID-Saliva		
N76RLG	Pos KM	NT	NT		



TABLE 1b - Item 4

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
N7MQPV	Pos KM	NT	NT	
N8MRVY	Pos KM, HT	Neg AP, Micro, PSA	Neg Amy	
NATTJX	Pos PTMB, HemaTrace	Neg AP	NT	Human, Pos Quantifiler
NC4WR9	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
NCYLMP	Pos KM	Neg AP	Neg Phadebas test	
NDCK98	Pos LMG	Neg AP, ALS, PSA, Micro	NT	Blood, Pos HemaTrace
NKLNJU	Pos TMB, HemDirect	NT	NT	
NM8NKV	Pos Visual, LMG, ABA HemaTrace	NT	NT	
NQU2RP	Pos p-tmb	Neg AP	NT	hemoglobin, Pos HemaTrace
NRJHCL	Pos TMB	Neg ALS, AP	NT	
NTCFRT	Pos KM	Neg ALS, AP, Micro, PSA	Neg ALS, Amylase Diffusion Test	
NUMBHQ	Pos KM	Neg AP	NT	
NUXZW6	Pos KM, Precipitin	Neg AP	NT	
NVM4NC	Pos KM	Neg AP	Inc	
NWEYQR	Pos LMG, HemaTrace	Neg AP	NT	
NZKMQP	Pos KM	Neg ALS	NT	
NZTVFW	Pos KM, ABA HemaTrace	Neg AP, ALS, Micro, PSA	NT	
NZXA4H	Pos O-tol	Neg AP	NT	
P3NNCQ	Pos KM	NT	NT	
P8ZTZ2	Pos LMG, HemaTrace	Neg Brentamine	NT	
PAYKWZ	Pos RSID-Blood	Neg RSID-Semen	Neg RSID-Saliva	
PCDZJK	Pos PTMB, HemaTrace	NT	NT	huDNA, Pos QF
PDF4UU	Pos LMG, HemaTrace	NT	NT	
PDKZBE	Pos KM	Neg AP, p30, Micro	NT	
PF96CY	Pos KM	NT	NT	
PGRWKU	Pos KM, TAK, HemaTrace	Neg AP, Micro, p30	Neg Amy Diff	Human, Pos Ouch
PGWZ77	Pos KM	NT	NT	
PLGFK4	Pos KM, Takayama, Ouchterlony	NT	NT	
PLRJFK	Pos O-tol, KM	Neg Abacus p30 (PSA) card	Neg SALLgAE	Human Blood, Hexagon OBTI Pos
PNAADV	Pos O tol, HemDirect	Neg AP, PSA	Neg Amylase Diffusion	

TABLE 1b - Item 4

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
PPME2B	Pos LMG	Neg AP	Neg RSID-Saliva	
PREFDE	Pos KM	Neg ALS, AP	NT	
PRQMB9	Pos TMB (Hemastix), HemaTrace	Neg ALS	NT	
PTBNP3	Pos visual, O-tol, RSID	Neg ALS, AP	NT	Human, Pos RSID-Blood-Human
PTEGCG	Pos KM	NT	NT	
PTJRGZ	Pos KM	Neg AP	NT	
PTMPT6	Pos KM	Neg AP	Neg RSID-Amylase	
PWT34D	Pos KM	Neg ALS, AP, Micro, PSA	Neg ALS, Amylase	
PZCZLY	Pos KM	NT	NT	
Q2TKFM	Pos KM	Neg AP	NT	
Q8BFUR	Pos PTMB, HemaTrace	NT	NT	
QAJZXN	Pos Phenolphthalein, HemaTrace	Neg ALS, AP, PSA, Micro	Neg ALS, SALIgAE	Human Origin, HemaTrace, Quant Pos Duo
QBVYX4	Pos KM	Neg AP	NT	
QFZQVF	Pos TMB	Neg AP, PSA, Micro	NT	
QGHTTG	Pos LMG, HemaTrace	Neg AP	NT	
QGZK9Y	Pos Hemochromogen	NT	NT	
QJ78KH	Pos KM	NT	NT	
QK3DAP	Pos KM	Neg AP	NT	
QL96VC	Pos RSID, KM, LMG	Neg AP, Mirco, PSA	Neg RSID	
QLMMKA	Pos LMG	Neg ALS, AP	NT	
QNJRHK	Pos HemaTrace ABACard	Neg p30 ABACard, Micro	NT	ALS, Neg ALS
QPDN2J	Pos KM, HemaTrace	Neg AP, Seratec	Neg RSID	
QQ6TCJ	Pos Hemastix, HemaTrace	NT	NT	
QQUKRX	Pos TMB, HemaTrace	Neg AP	Neg RSID-Saliva	
QRGEXE	Pos KM	Neg AP, Micro	Neg Phadebas	
QTJZB7	Pos KM, O-tol, Takayama, RSID Blood, HemaTrace	NT	NT	
QVYFED	Pos KM	Neg ALS, AP, PSA	NT	
QXGRX6	Pos TMB	Neg ALS, AP	NT	
QZ9UUK	Pos TMB	Neg AP, Micro, PSA	NT	
R2B7YZ	Pos TMB	NT	NT	

TABLE 1b - Item 4

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
R4CWEQ	Pos LMG	NT	NT	
R7RKHC	Pos LMG, Ouchterlony (a-HuHb)	Neg Micro, AP, PSA	NT	
R9MWW7	Pos KM, HT*	NT	NT	
RA6BNE	Pos Hemastix, HemaTrace	Neg AP	Neg RSID-Saliva	
RAEYKG	Pos TMB	Neg AP, PSA, Micro	NT	
RAFU4C	Pos TMB, HemDirect	NT	NT	
RB4GCC	Pos KM, TMB	Neg AP, PSA	Neg Phadebas	
RBMCUD	Pos KM	Neg AP	NT	
RBUBAA	Pos KM	Neg AP	NT	
RCVEK8	Pos TMB	NT	NT	
RCZRCB	Pos KM	Neg AP	NT	
RET9JV	Pos PTMB, HemaTrace	Neg AP	NT	Human DNA, Pos Quantifiler
RFCCVG	Pos phenolphthalein[sic], HemaTrace	Neg BCIP	NT	
RFRTTV	Pos LMG, HemaTrace	NT	NT	
RKVP2Y	Pos LMG, HemaTrace, Visual	NT	NT	
RLDQDC	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
RLDVME	Pos TMB, HemaTrace	Neg AP	NT	
RMTE3Q	Pos P/TMB	Neg AP, ALS	NT	
RNTCTC	Pos KM	NT	NT	
RNXMWV	Pos KM	Neg AP	NT	
RUKDA8	Pos KM, Hemastix, HemaTrace			
RWRNXB	Pos LMG, HemaTrace	Neg AP, PSA, Micro	Neg Amylase	
RYKPBB	Pos KM, HemaTrace	Neg AP, PSA	Neg Starch/Iodine, Phadebas	
RYZ3MZ	Pos KM, HemaTrace	Neg AP	NT	
RYZTNQ	Pos KM, Hexagon OBTI	Neg AP	NT	
T2BG9L	Pos KM, Human species testing	Neg AP, Micro for Sperm, p30 Immunoassay	Neg Micro for epithelial cells, Amylase Radial Diffusion	
T2EGD9	Pos KM, HemaTrace	Neg AP	NT	
T2EYBQ	Pos KM	Neg AP	NT	
T2VPGV	Pos PTMB, HemaTrace	Neg AP	NT	Human, Pos Quantifiler

TABLE 1b - Item 4

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
T2ZCAN	Pos KM	Neg AP	NT		
T42GJQ	Pos LMG, HemaTrace, Visual	Neg ALS	NT		
T42Q6V	Pos TMB, HemDirect	NT	NT		
T4KML9	Pos LMG	Neg AP	NT		
T6HRHJ	Pos ALS, ABACard HemaTrace	Neg ALS, ABACard p30, Phosphatesmo KM	NT		
T7P4YK	Pos PTMB	NT	NT		
T9F2XR	Pos KM, Quantifiler	NT	NT		
TA9Y6Y	Pos KM, HemaTrace	NT	NT		
TARYVG	Pos KM	Neg AP	NT		
TBJ4EF	Pos ABACard HemaTrace	Neg PSA, Micro	NT		
TDEJ3J	Pos Hemastix, HemaTrace	NT	NT		
TEJ8BA	Pos KM, HemaTrace	NT	NT		
TFWNL2	Pos PTMB, HemaTrace	Neg PSA, Micro	Neg RSID	Y-Screening, Neg	
TG394V	Pos KM	Neg ALS, AP	NT		
THVN3F	Pos LMG	NT	NT		
THZJ3J	Pos TMB	Neg AP, Micro, PSA	NT		
TJ7RJV	Pos Phenolphthalein, HemaTrace	NT	Neg phadebus[sic]		
TJAVA8	Pos RSID	NT	NT		
TJC97G	Pos KM, HemDirect card	Neg AP, Micro, PSA card	Neg RSID-Saliva card		
TLGZ4B	Pos TMB, HemDirect	Neg AP	NT		
TLWF8P	Pos KM, HemaTrace	Neg AP	NT		
TPEXLA	Pos KM	Neg AP, PSA, ALS	NT		
TPJWXC	Pos KM	NT	NT		
TQ3JV8	Pos KM, LMG, RSID-Blood	Neg ALS, AP, PSA, Micro	Neg RSID-Saliva		
TTB6TQ	Pos Hemastix, HemaTrace	Neg AP, PSA	Neg RSID-Saliva		
TTUJ89	Pos KM	Neg AP, ALS, Micro	Neg Phadebas	Human, Pos Quant Duo	
TUVLEZ	Pos TMB	NT	NT		
TVR4P3	Pos KM	Neg PSA, Micro	NT		
TXML6A	Pos KM	Neg AP	NT		
U2UN3X	Pos Visual, LMG, ABA HemaTrace	NT	NT		

TABLE 1b - Item 4

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
U3NF8M	Pos KM	NT	NT	
U46FLB	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
U4KX6H	Pos O-tol			Human Blood, HemaTrace Pos
U6WJY8	Pos KM			
U9ZQKB	Pos PTMB, HemaTrace	NT	NT	
UDB7AW	Pos LMG	NT	Neg Phadebas	
UDN33U	Pos Visual, LMG, HemaTrace	NT	NT	Human Origin, HemaTrace Pos
UEE6ZF	Pos KM	NT	NT	
UF4UJA	Pos LMG	Neg AP	Neg RSID-Saliva	
UG9YQX	Pos LMG, HemaTrace	Neg ALS, AP (Brentamine)	NT	Species-Human, Ouchterlony Pos
UGKL4T	Pos Visual, LMG, HemaTrace	NT	NT	
UH2V7C	Pos KM	Neg AP, Micro	Neg RSID-Saliva	
UKZ9EC	Pos LMG, HemaTrace	Neg AP, PSA	NT	
ULWTEH	Pos Phenolphthalein, HemaTrace	Neg ALS, AP, Micro	NT	
ULXGWJ	Pos TMB	NT	NT	
UN6TTC	Pos KM, HemaTrace	NT	NT	
UQAH66	Pos KM	NT	NT	
UREU8T	Pos KM	Neg AP, Micro	NT	
UTJFK8	Pos KM, Modified Takayama	Neg ALS	Neg ALS	Human Origin, Ouchterlony Pos
UYZ7KG	Pos PTMB	NT	NT	
UZEK97	Pos TMB, Hem-Direct	NT	NT	
V29P4Q	Pos TMB	NT	NT	
V42BEU	Pos KM, LMG, HemaTrace	NT	NT	
V4K6B9	Pos KM and HemaTrace	Neg AP and PSA	Neg Phadebas and Starch/Iodine	
V6RJCW	Pos KM	NT	NT	
V8AL7B	Pos KM	NT	NT	
V99TF3	Pos KM	Neg AP	NT	
V9BHP8	Pos LMG, HemaTrace	Neg AP	NT	
VCJ47C	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg RSID	

TABLE 1b - Item 4

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
VCK9VY	Pos KM	Neg ALS, AP, Micro, PSA	NT		Human Origin, HemaTrace Pos
VDGCHZ	Pos ortho-tolidine	Neg acid phosphatase	NT		Human, Pos RSID card
VE3K6B	Pos KM, HemaTrace	Neg AP, Seratec	Neg RSID		
VENPQ4	Pos Hstx, Htrace	NT	NT		
VFUR3V	Pos LMG, HemaTrace	Neg AP	NT		Species-Human, Ouchterlony, Pos Quantifiler
VHM72C	Pos KM	Neg ALS, AP, Micro, PSA	Neg Amylase Diffusion		
VHVRCF	Pos LMG, HemaTrace	Neg AP	NT		
VLGNRT	Pos KM, HemaTrace	NT	NT		
VMPVW7	Pos KM	Neg AP, Microscopic, p30			
VMYUVG	Pos KM, HemaTrace	NT	Neg Phadebas		
VNEMVV	Pos KM	Neg ALS, AP, Micro, PSA	NT		Human Origin, HemaTrace Pos
VNWBZQ	Pos PTMB	Neg ALS, AP	NT		
VP9XNX	Pos KM	Neg AP, Micro	Neg Amylase Diffusion		
VQRMDK	Pos KM	Neg ALS	NT		
VT7HB4	Pos LMG	Neg AP	Neg RSID-Amylase		
VTHY9U	Pos KM, Hemastix	Neg AP	Neg Phadebas		Urine, Neg Urease
VTX6CZ	Pos KM	NT	NT		
VWAAKU	Pos KM	Neg AP	NT		
VVWEM3	Pos KM	NT	NT		
VX9A3U	Pos KM, HemaTrace	NT	NT		
VXCURH	Pos KM, HT	NT	NT		
VXFDYQ	Pos KM, HemaTrace	Neg ALS, TPMP	NT		
VXHF3C	Pos TMB	Neg AP	NT		
VZPTKX	Pos KM, HT	Neg AP, Micro	Neg Phadebas		
W2692W	Pos LMG	NT	NT		
W2DYK2	Pos KM	Neg AP			
W2N9RE	Pos KM	NT	NT		
W2WH9T	Pos Takayama	NT	NT		
W3AZJK	Pos KM, ABA HemaTrace	Neg AP	NT		
W47KB7	Pos TMB	NT	NT		

TABLE 1b - Item 4

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
W6JZUY	Pos TMB	NT	NT	
W9L3K8	Pos LMG	NT	NT	
WA24V3	Pos LMG, HemaTrace	Neg AP	NT	
WAZA4A	Pos Hemastix, HemaTrace	NT	NT	
WDANC9	Pos KM	Neg AP	NT	
WDXPK	Pos KM	Neg AP, Micro for Sperm	Neg Amylase Radial Diffusion, Micro for e-cells	
WE7XNW	Pos O-tol	Neg AP	NT	Human Blood, RSID-Blood Pos
WENYFU	Pos TMB, HemDirect	NT	NT	
WFCLQG	Pos KM	Neg AP	Neg RSID-Saliva	
WGCCAH	Pos PTMB	NT	NT	
WJCR89	Pos KM	Neg ALS, AP, Micro, PSA	Neg ALS, Amylase Diffusion	
WJQYTX	Pos HemaTrace	Neg PSA	NT	
WKJNEB	Pos Phenolphthalein, HemaTrace	Neg BCIP	Neg Phadebas	
WLDFCQ	Pos KM, Hexagon OBTI test	NT	NT	
WQK4M6	Pos KM, Combur (TMB)	Neg AP, PSA	Neg Phadebas	
WQQ6UE	Pos LMG, Ouchterlony (anti-HuHb)	Neg AP, Micro, PSA	Neg Amylase	
WVBFA3	Pos KM	Neg ALS, AP, Micro, PSA	Neg Amylase	
WXWQ29	Pos KM	Neg ALS, AP, Micro	Neg Phadebas	Human, Pos Quant Duo
WY3ANH	Pos KM	NT	NT	
WYJCJM	Pos luminol, Hexagon-OBTI	Neg AP	NT	
WZ8ZKE	Pos KM	Neg AP	NT	
X3VU8R	Pos KM	Neg AP	Neg Phadebas	Human Origin, Quantifiler Human Pos
X6EVQV	Pos KM	Neg ALS, AP	NT	
X7AL2V	Pos TMB	NT	NT	
X7HE8V	Pos KM, TMB (Hemastix), HemaTrace	Neg AP, Micro, PSA	Neg Starch-Iodine, Phadebas	Urine, Neg Urease
X7MTW3	Pos KM, HemaTrace	Neg AP	NT	
X8883T	Pos PTMB, HemaTrace	NT	NT	Human DNA, Pos Quantifiler
XALJ7H	Pos KM	Neg ALS, AP, PSA, Micro	Neg ALS, Amylase Diffusion	
XATDGB	Pos KM	Neg AP		

TABLE 1b - Item 4

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
XC3HY6	Pos KM	Neg AP, Micro	Neg Radial Diffusion	
XC7LQH	Pos PTMB, HemaTrace	Neg AP	NT	
XDF6J8	Pos Hemastix, HemaTrace	NT	NT	
XDUDN2	Pos KM	Neg ALS, Micro, p30	NT	
XERPEP	Pos KM, HemaTrace	NT	NT	
XFJXEP	Pos KM, ABACard HemaTrace	Neg AP	Neg Amylase (Phadebas Press)	
XG4W4V	Pos Takayama	Neg Seratec (p30) & Christmas Tree (Sperm)	NT	
XHMPE7	Pos LMG, HemaTrace	Neg AP	NT	
XHP9CG	Pos TMB	Neg AP, Micro, PSA	Neg Amylase Diffusion	
XJYWJZ	Pos KM, HemaTrace	Neg AP	NT	
XMK473	Pos KM			
XNDV62	Pos TMB, HemDirect	NT	NT	
XP3DXM	Pos TMB	NT	NT	
XQ2BPV	Pos LMG, HemaTrace	Neg AP	NT	
XRALFP	Pos KM	NT	NT	
XRFA2X	Pos PTMB, HemaTrace	NT	NT	
XUPPGW	Pos Kastle Meyer (KM)	Neg ALS, Fast Blue B (FBB)	NT	
XWZC8V	Pos KM	Neg ALS, AP	NT	
XX8FUR	Pos KM	NT	NT	
XYH3X9	Pos TMB, HemDirect	NT	NT	
Y3NAH4	Pos TMB	NT	NT	
Y3TLEY	Pos KM	Neg BCIP	Neg Amylase Diffusion	
Y64B4K	Pos LMG, HemaTrace	NT	NT	
Y8N4UD	Pos LMG, Ouchterlony (anti-HuHb)	NT	NT	
Y9G29X	Pos KM, RSID Blood	Neg AP	Neg RSID-Saliva	
Y9LCDG	Pos TMB, HemaTrace	Neg AP	NT	
YDFWCD	Pos Hemastix	Neg AP	Neg RSID	General, Neg ALS
YDX768	Pos KM	NT	NT	
YHHPNP	Pos KM, HemaTrace	NT	NT	
YJAL2X	Pos LMG	Neg AP	Neg RSID	



TABLE 1b - Item 4

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
YJJDEY	Pos LMG	Neg AP, ALS		
YJPD49	Pos KM, Hemotracer[sic]	Neg AP, PSA	Neg Phadebas, Starch Iodine	
YJRLAU	Pos PTMB	NT	NT	
YUZGZK	Pos PTMB, HemaTrace	Neg AP	NT	
YW4W3Q	Pos KM, HemaTrace	NT	NT	
YXJ9RN	Pos KM, Quantifiler	NT	NT	
YZ7N79	Pos O-tol, HemaTrace	NT	NT	
Z3V89J	Pos KM	Neg AP, Micro	NT	
Z499L6	Pos KM	Neg AP, Micro, ALS	Neg Phadebas	QuantDuo, Pos Human DNA
Z4ACJA	Pos KM	Neg ALS, AP, PSA, Micro	Neg Amylase Diffusion Test	
Z4DT33	Pos KM	Neg AP	NT	
Z4G9LU	Pos KM	NT	NT	
Z4RUGG	Pos KM	Neg BCIP	NT	
Z6WE67	Pos LMG, HemaTrace	Neg AP	NT	
Z7NJFB	Pos O-tol	NT	NT	
Z7PJ9D	Pos TMB	Neg AP, PSA, Micro	NT	
Z8KYUV	Pos KM	NT	NT	
Z8PEHF	Pos Phenolphthalein	Neg ALS, BCIP	NT	
Z8ZBF9	Pos KM	Neg AP	NT	
Z9AD28	Pos KM	Neg AP, Micro	NT	
ZAFVX3	Pos KM	Neg AP, ALS	NT	
ZDPVET	Pos KM, ABACard HemaTrace	Neg AP	Neg Phadebas Press	
ZEAWAWA	Pos KM, HemaTrace	NT	NT	
ZFZ3C2	Pos KM	Neg ALS, AP, Micro	Neg ALS, RSID	
ZG8WQG	Pos HemaTrace	NT	NT	
ZJK3FM	Pos Takayama	NT	NT	
ZJYXUV	Pos PT-Takayama	Neg AP	Neg RSID-Saliva	Human Origin, Ouchterlony Pos
ZKFYA4	Pos KM, HemaTrace	Neg AP, PSA	Neg Starch/Iodine, Phadebas	
ZMG9WR	Pos KM, RSID	NT	NT	
ZMUNYB	Pos TMB	Neg AP, PSA, Micro	NT	

TABLE 1b - Item 4

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
ZN4C6T	Pos KM	Neg ALS, AP, Micro, PSA	NT	Human Origin, HemaTrace Pos ABACard
ZNZGCU	Pos KM	NT	NT	
ZPWWM7	Pos KM, HemaTrace	Neg AP, ABACard p30, ALS	Neg RSID	
ZQT7YU	Pos O-tol	NT	NT	Human Blood, RSID Pos
ZQT9QL	Pos KM	Neg AP	NT	
ZRXGGK	Pos KM, HemaTrace	Neg ALS, AP, PSA, Micro	Neg Phadebas	
ZV2PZA	Pos HemaTrace	NT	NT	
ZY9M2J	Pos Hemastix, ABA HemaTrace confirmatory	NT	NT	

**Response Summary**

Participants: **774**

ITEM 4:	Blood	Semen	Saliva
Positive	<b>772</b>	<b>0</b>	<b>0</b>
Negative	<b>0</b>	<b>461</b>	<b>208</b>
Inconclusive	<b>0</b>	<b>0</b>	<b>2</b>
Not Tested (NT)	<b>0</b>	<b>295</b>	<b>531</b>
Not Reported	<b>2</b>	<b>18</b>	<b>33</b>

# Amplification Kit(s) & STR Results - Part I

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
22U2MJ	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
23HM4M	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
23RPH8	PowerPlex®16						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
299QLR	COfiler® and Profiler Plus®						
	1	-	15,16	11,12	9,9	11,13	11,12
	2	-	16,16	11,12	10,11	9,15	11,11
	3	-	16,16	11,12	10,11	9,15	11,11
29GHYT	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
29LN9N	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
29YKG2	Identifiler +						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
29YPR4	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
2AAM6L	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
2AEMFU	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
2AJNQN	ID Plus, PP16 HS						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
2BF7NJ	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
2BPBTF	PowerPlex®16						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
2BX7MK	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
2C3XBU	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
2C6R22	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
2CA38H	PowerPlex®16						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
2CGTQM	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
2EVPPL	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
2FUU8F	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
2HVUMZ	PowerPlex®16						
	1		15,16	11,12	9,9	11,13	11,12
	2		16,16	11,12	10,11	9,15	11,11
	3		16,16	11,12	10,11	9,15	11,11
2HWUCT	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
2JKVM	MiniFiler, Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
2KADN9	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
2KR4V8	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
2NGR32	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
2P6XYJ	Identifiler® Identifiler Plus, MiniFiler						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
2PFWNB	COfiler® and Profiler Plus®						
	1		15,16	11,12	9,9	11,13	11,12
	2		16,16	11,12	10,11	9,15	11,11
	3		16,16	11,12	10,11	9,15	11,11
2RPYNT	COfiler® and Profiler Plus® Identifiler®						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
2U2JR8	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
2UVFVH	Identifiler Plus, Identifiler Direct						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
2VJTDZ	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
2VLM77	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
2VQHT7	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
2W3LER	SGMPlus						
	1	17,23	15,16			11,13	
	2	24,25	16,16			9,15	
	3	24,25	16,16			9,15	
	4	17,23	15,16			11,13	
2WMZQ2	PowerPlex® 16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
2XNK6G	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
2YH6CK	PowerPlex® 21						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
36RVDJ	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
39GC3E	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
3AQJAD	PowerPlex® 16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
3B4M2P	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
3BEMLC	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
3BJ3ZY	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
3C7RUE	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
3CNKUC	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
3GHJ98	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
3L2ARF	COfiler® and Profiler Plus®						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
3MLPH2	Identifiler Plus, MiniFiler						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
3PBD4X	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
3RFJHQ	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
3RKUH2	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
3YFZ66	COfiler® and Profiler Plus® Identifiler® Identifiler Plus, PowerPlex®16 HS, MiniFiler						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
3ZWMVP	Identifiler Plus, MiniFiler						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
3ZWZEL	SGM+						
	1	17,23	15,16			11,13	
	2	24,25	16,16			9,15	
	3	24,25	16,16			9,15	
42MLKH	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
47TF7D	PowerPlex® Fusion						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
4ATLU4	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
4B48LQ	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
4BTEWG	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11



TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
4CX6QQ	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
4ETPW4	Identifiler® PowerPlex®16						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
4EY7F3	PP16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
4G3MH9	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
4G8GB7	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
4GHX9W	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
4GUPUB	PowerPlex® 16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
4LFGVB	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
4LJRFE	PowerPlex®16						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
4LNTMU	Identifiler® MiniFiler						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
4MAJF7	PowerPlex® 16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
4Q3CYA	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
4QZFQH	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
4RANF7	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
4UA2W4	PowerPlex® 16						
	1	N/A	15,16	11,12	9	11,13	11,12
	2	N/A	16	11,12	10,11	9,15	11
	3	N/A	16	11,12	10,11	9,15	11
4UYDXJ	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
4VE9JW	Identifiler® MiniFiler, SGM+						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
4VXYRF	PowerPlex® 21						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
4YJUJF	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
4Z7PPW	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
4Z7PPW	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
4Z7PPW	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
4Z7PPW	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
64RFXT	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
6698CN	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
66GUGC	Identifiler® Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
66KCJG	PowerPlex® Fusion						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
69HYX9	PowerPlex® 21						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
6A99WG	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
6APC9X	PowerPlex® Fusion						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
6B8AT9	COfiler® and Profiler Plus®						
	1	-	15,16	11,12	9,9	11,13	11,12
	2	-	16,16	11,12	10,11	9,15	11,11
	3	-	16,16	11,12	10,11	9,15	11,11
	4	-	15,16	11,12	9,9	11,13	11,12
6DBJYQ	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
6EUNWB	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
6L68TH	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
6M924T	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
6MGZH4	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
6MLBHE	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
6N96MW	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
6NVBHF	PowerPlex®16						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
6PGABT	Identifiler Plus, MiniFiler						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
6PJR4	Identifiler Plus, MiniFiler						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
6PJXQB	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
6PT3UA	MiniFiler/Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
6QYN8N	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
6RDLLC	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
6V9DEG	Identifiler +/Direct						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
6WRMM4	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
6XH8NM	Identifiler® MiniFiler						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
6ZL29L	PowerPlex® 21						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
6ZYTQH	PowerPlex® 16						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
72Y4C	COfiler® and Profiler Plus® Identifiler® MiniFiler						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
73AVKA	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
73Z72P	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
768PUJ	Identifiler® Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
76JQH7	Identifiler® Minifiler[sic]						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
77BK3Z	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
77KWJ7	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
7882CC	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
78LWPP	Identifiler Plus, MiniFiler						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
79FJAF	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
7C8JYP	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
7CN84K	PowerPlex® 16						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
7CYAH4	PowerPlex® 16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
7DQRC6	PowerPlex® Fusion						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
7HEFWQ	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
7KBJ9X	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
7L3TU2	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
7M3AKC	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
7MNHW2	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
7MTZ6D	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
7N6KTY	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
7QD6J3	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
7V3HA6	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
7VB862	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
7W8BTP	PowerPlex® 16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
7X4TWR	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
7X7DXL	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
7XMH8K	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
7YEXH9	ID Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
82B49M	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
82EPQ8	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
833CUU	Identifiler Plus, MiniFiler						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
83CJH	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12



TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
83NV24	Identifiler Direct and Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
84MLPH	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
8894QM	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
88LYC9	Identifiler® MiniFiler, Identifiler[sic] Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
8AN4J2	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
8B3EK4	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	17,23	15,16	11,12	9,9	11,13	11,12
	4	24,25	16,16	11,12	10,11	9,15	11,11
8BP7YE	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
8CARVQ	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
8CAUWF	SGM+, 23						
	1	17,23	15,16			11,13	
	2	24,25	16,16			9,15	
	3	24,25	16,16			9,15	
	4	17,23	15,16			11,13	
8ET2U3	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
8F4YWY	Fusion						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
8JUTEK	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
8KARRP	PowerPlex® 16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
8LXVUP	COfiler® and Profiler Plus®						
	1	-	15,16	11,12	9,9	11,13	11,12
	2	-	16,16	11,12	10,11	9,15	11,11
	3	-	16,16	11,12	10,11	9,15	11,11
	4	-	15,16	11,12	9,9	11,13	11,12
8PV7ZV	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
8QFUMB	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
8R2P XK	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
8RZYUW	ID Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
8W2UYG	Identifiler Plus, MiniFiler						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
8W2VXB	COfiler® and Profiler Plus® Identifiler® MiniFiler						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
8XA6FT	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
8Z9G3U	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
93JMML	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
98GM24	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
99CHVK	Identifiler Plus, MiniFiler						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
99D6YY	PowerPlex® 16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
99WN7R	PowerPlex® 16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
9AM4CB							
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
9AM647	PP16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
9CBLA8	PowerPlex® 16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
9EHE72	COfiler® and Profiler Plus® Identifiler®						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
9EMECM	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
9EPR9W	Fusion						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
9HV8YY	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
9JBH2X	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
9JHUEG	PowerPlex® 16 Hotstart						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
9MMDMB	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
9NJ2UD	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
9NXF98	Identifiler® MiniFiler						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
9PM7FZ	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
9QQ34D	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16	11,12	10,11	9,15	11
9RBUJE	4	17,23	15,16	11,12	9	11,13	11,12
	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11 ^,12	10,11	9,15	11
9RDR46	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
	PowerPlex® 16 HS						
	1		15,16	11,12	9	11,13	11,12
9TPGMW	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
	PowerPlex® 16						
9VWXN9	1		15,16	11,12	9	11,13	11,12
	2	17,23	15,16	11,12	9	11,13	11,12
	3	24,25	16	11,12	10,11	9,15	11
	4	24,25	16	11,12	10,11	9,15	11
9W7YLD	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
9WQTYN	PowerPlex® 16 Hotstart						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
9XD2LA	4		15,16	11,12	9	11,13	11,12
	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
9XQKGZ	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
9XYWPD	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
	Identifiler®						
9XQKGZ	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	19,20,22,24	14,15,17,19	9,11,12	9,12,13	10,11	10,11
9XYWPD	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
9XYWPD	4	17,23	15,16	11,12	9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
A2MM6Z	Identifiler® MiniFiler						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
A34Y8Y	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
A7ERP7	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
AA2CWB	COfiler® and Profiler Plus® Identifiler®						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
ABXEL6	PowerPlex® 16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
ADTWZD	PowerPlex® 16 HS						
	1		15,16	11,12	9,9	11,13	11,12
	2		16,16	11,12	10,11	9,15	11,11
	3		16,16	11,12	10,11	9,15	11,11
	4		15,16	11,12	9,9	11,13	11,12
AFTGRZ	COfiler® and Profiler Plus® Identifiler®						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
AJFDYG	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
AK9FHR	Identifiler Plus, MiniFiler						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
ALBY22	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	[(11)],13	11,[12]

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
AM3AAU	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
AM8DFQ	PowerPlex® 16						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
ANYKA2	PowerPlex® 21						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
AP228L	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
AQ648R	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
AQF7KX	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
ATTCVU	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
ATW4ML	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
ATWT3C	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
AUF3J6	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
AUG3EW	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
AVGCW2	ID Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
AVKFG	COfiler® and Profiler Plus® Identifiler® MiniFiler						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
AYECVR							
	1		15,16	11,12	9,9	11,13	11,12
	2		16,16	11,12	10,11	9,15	11,11
	3		16,16	11,12	10,11	9,15	11,11
	4		15,16	11,12	9,9	11,13	11,12
AZ2DB2	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
AZLWDY	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
B6RQRX	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
B6VEA7	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
B7BLRJ	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
B9M9L3	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12



TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
BAF48Q	PowerPlex®16						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
BBEWDH	PowerPlex®16						
	1	-	15,16	11,12	9	11,13	11,12
	2	-	16	11,12	10,11	9,15	11
	3	-	16	11,12	10,11	9,15	11
	4	-	15,16	11,12	9	11,13	11,12
BCDWPG	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
BCWQ63	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
BDCPZE	Identifiler® MiniFiler						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
BDPDU3	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
BEE4NU	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
BEHETD	Fusion						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
BFD3ZZ	PowerPlex® 16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
BFWZF8	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
BHQHV3	PowerPlex® 16 HS						
	1		15,16	11,12	9,9	11,13	11,12
	2		16,16	11,12	10,11	9,15	11,11
	3		16,16	11,12	10,11	9,15	11,11
BHZJPN	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
BJ34U4	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
BJBPHH	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
BJMURV	Identifiler® PowerPlex® 16						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
BJXWA9	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
BKYQ7J	Identifiler Plus, MiniFiler						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
BLY3C8	PowerPlex® 16						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
BMJJ6E	Identifiler Plus, MiniFiler						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
BQRLEH	ID Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
BQZZBE	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
BTDQ79	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
BTND3G	COfiler® and Profiler Plus®		Identifiler Plus, MiniFiler				
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
BTPDUX	PowerPlex® Fusion						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
BUGEUQ	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
BV63PE	PowerPlex® 16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
BVG7Z	COfiler® and Profiler Plus®		Identifiler®	MiniFiler			
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
BVNJHB	PowerPlex® Fusion						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
BZ6X2N	PowerPlex® 16						
	1		15,16	11,12	9,9	11,13	11,12
	2		16,16	11,12	10,11	9,15	11,11
	3		16,16	11,12	10,11	9,15	11,11
	4		15,16	11,12	9,9	11,13	11,12
BZJ4Y7	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
C2HQQM	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
C3FLJX	PowerPlex® 16						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
C3Q9DE	SGM Plus						
	1	17,23	15,16			11,13	
	2	24,25	16,16			9,15	
	3	24,25	16,16			9,15	
	4	17,23	15,16			11,13	
C6K7JR	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
C8LDFP	PowerPlex® 16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
C9CYZU	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
CAANHB	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
CCC7EX	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
CDDHBE	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
CDTKV3	COfiler® and Profiler Plus® Identifiler®						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
CFGRDX	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
CHJUW7	PowerPlex® 21						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
CK7HCU	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
CKHTRQ	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
CKYCT7	PP16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
CL2VAU	Identifiler® MiniFiler, PowerPlex® 16 HS						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
CNLXQD	COfiler® and Profiler Plus®						
	1	N/A	15,16	11,12	9,9	11,13	11,12
	2	N/A	16,16	11,12	10,11	9,15	11,11
	3	N/A	16,16	11,12	10,11	9,15	11,11
	4	N/A	15,16	11,12	9,9	11,13	11,12
CNVLHQ	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
CPMKLK	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
CTYN92	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
CVQQ7Z	Identifiler® MiniFiler						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
CY8KVT	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
CZLRJV	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
D36P88	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
D3A6PE	COfiler® and Profiler Plus® Identifiler®						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
D6QUGP	PowerPlex® 16						
	1		15,16	11,12	9,9	11,13	11,12
	2		16,16	11,12	10,11	9,15	11,11
	3		16,16	11,12	10,11	9,15	11,11
	4		15,16	11,12	9,9	11,13	11,12
D89ULJ	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
DBCJZ2	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
DE9H8H	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
DEDTZV	PowerPlex® Fusion						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
DF7KC2	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
DFJCYB	PowerPlex®16						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
DFTYX4	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
DHDBTC	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
DNMXDL	Identifiler® ID+, MiniFiler						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
DNRBEN	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
DNWC9T	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
DPHKYB	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
DU2Z4U	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
DVEPHD	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
DVFH9L	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
DXCLNF	COfiler® and Profiler Plus® Identifiler®						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
DYLMFF	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
E2VZT2	COfiler® and Profiler Plus® Identifiler®						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
E3BCMB	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
E43TUL	PowerPlex® 16 PowerPlex® 16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
E4CJMP	IDPlus/ID Direct						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
EAAD2Q	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
EARXLG	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
EAVU96	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12





TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
EMVRZJ	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
ET6XRJ	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
EV2GWB	Identifiler® Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
EVFW2H	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
EWFJAH	PowerPlex®16						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
EXKKM3	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
EXXAFT	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
EYCHV9	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
EYZ88C	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
EZE33W	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
EZP2TK	Identifiler Plus, MiniFiler (unknowns only)						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
EZUFDX	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
F2FM22	PowerPlex® 16 Hotstart						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
F2K2JU	Identifiler+ /ID Direct						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
F32Y9D	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
F6QC37	COfiler® and Profiler Plus® Identifiler®						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
F7YFTU	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
F88UVU	ID Plus, ID Direct						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
FC8TR7	Identifiler Plus, MiniFiler						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
FFDMXB	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
FHRAZ	COfiler® and Profiler Plus®						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
FJJQX	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
FKGAZF	COfiler® and Profiler Plus®						
	1		15,16	11,12	9,9	11,13	11,12
	2		16,16	11,12	10,11	9,15	11,11
	3		16,16	11,12	10,11	9,15	11,11
FKNRL6	PowerPlex®16						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
FLM2GM	PowerPlex®16						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
FP3KF4	PP16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
FQ64WT	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
FX4JQ8	COfiler® and Profiler Plus® Identifiler®						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
FXT7B	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
FY7PBV	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,15	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
FZ6TA9	Identifiler Plus, MiniFiler						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
FZA4AJ	Identifiler® SGM Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
G3U9FP	PowerPlex® 24						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
G63KGV	ID Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
G73WHD	PowerPlex® 16						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
G8WGG7	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
GDWMJW	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
GE6WJR	Identifiler® MiniFiler						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
GGEM3T	ID+						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
GGU3Z7	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
GHHNEF	Identifiler® Identifiler Plus, MiniFiler						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
GJ47VE	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
GKHG2Y	PowerPlex®16						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
GLJKEH	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
GMKF3Q	Identifiler® MiniFiler/PowerPlex® 18D						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
GPQW9Q	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
GRTP6T	PowerPlex® 21						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
GT896H	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
GUVNDZ							
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
GW3NCY	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
GYAGEQ	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
H3LQL4	PowerPlex®16						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
H4Z3L9	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
H74VE8	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
H87HEY	COfiler® and Profiler Plus® Identifiler®						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
H8AKDA	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
H8MPHD	Identifiler® Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
HBDBVX	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
HBJAKC	IDF+						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
HDPRME	PowerPlex®16						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
HDULDU	Identifiler +						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
HGXEJT	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
HHHYXP	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
HHLN4T	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
HJLWHQ	PowerPlex® 16 HS						
	1		15,16	11,12	9,9	11,13	11,12
	2		16,16	11,12	10,11	9,15	11,11
	3		16,16	11,12	10,11	9,15	11,11
	4		15,16	11,12	9,9	11,13	11,12
HLUUK9	PowerPlex® 16						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
HMHW4U	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
HNA29M	Identifiler® MiniFiler						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
HRB7L8	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
HTLJEP	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12



TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
HTPNQX	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
HTZC3M	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
HVLB7J	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
HVRCHG	Identifiler® Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
HYG48D	PowerPlex®16						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
HZMBT7	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
J4GNQH	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
J6PU2W	COfiler® and Profiler Plus®						
	1	-	15,16	11,12	9,9	11,13	11,12
	2	-	16,16	11,12	10,11	9,15	11,11
	3	-	16,16	11,12	10,11	9,15	11,11
	4	-	15,16	11,12	9,9	11,13	11,12
J6PWPF	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
J9QXTJ	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
JAMDB9	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
JC8AUT	ID Plus, ID Direct						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
JCJFTJ	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
JCQYBG	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
JCVH9K	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
JD9TB2	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
JE2U2F	PowerPlex® 21						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
JEN7ZY	Identifiler® Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
JG4T2L	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
JJNR6H	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
JMM7HK	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
JMPQPM	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
JNF339	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
JQ4HEG	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
JQJ2VT	PowerPlex® 16 HS						
	1		15,16	11,12	9,9	11,13	11,12
	2		16,16	11,12	10,11	9,15	11,11
	3		16,16	11,12	10,11	9,15	11,11
	4		15,16	11,12	9,9	11,13	11,12
JR8HZU	PowerPlex® 16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
JRVABE	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
JRZUHW	PowerPlex® Fusion						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
JTFCKD	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
JW6U7R	PowerPlex® 16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
JYFUAE	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
JYKHAZ	4	17,23	15,16	11,12	9	11,13	11,12
	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
JZKTFT	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
K2EJYZ	4	17,23	15,16	11,12	9	11,13	11,12
	PowerPlex® 16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
K7P362	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
	Identifiler® MiniFiler						
	1	17,23	15,16	11,12	9,9	11,13	11,12
K94URW	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
	Identifiler Plus, MiniFiler						
KBQGDV	1		15,16	11,12	9,9	11,13	11,12
	2		16,16	11,12	10,11	9,15	11,11
	3		16,16	11,12	10,11	9,15	11,11
	4		15,16	11,12	9,9	11,13	11,12
KC8HNX	COfiler® and Profiler Plus®						
	1		15,16	11,12	9,9	11,13	11,12
	2		16,16	11,12	10,11	9,15	11,11
	3		16,16	11,12	10,11	9,15	11,11
KCGGHV	4		15,16	11,12	9,9	11,13	11,12
	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
KDALJG	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
	PowerPlex® 16						
	1		15,16	11,12	9	11,13	11,12
KDALJG	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
	Identifiler[sic] Plus						
KDALJG	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
KDFKHD	PowerPlex® 16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
KDLX76	Identifiler Plus, MiniFiler						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
KDV6RK	PowerPlex® 21						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
KFWA2N	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
KNRAP2	PowerPlex® 16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
KVFMWE	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
KY66ET	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
L2AE23	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
L3EQDE	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
L3T8JB	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
L67LA7	PowerPlex® 21						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
L6QKXC	PP16 HS						
	1	-	15,16	11,12	9	11,13	11,12
	2	-	16	11,12	10,11	9,15	11
	3	-	16	11,12	10,11	9,15	11
	4	-	15,16	11,12	9	11,13	11,12
L6V3ZH	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
L7FRJE	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
L99ACZ	Identifiler® Identifiler Plus, MiniFiler						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
LAAPVZ	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
LCZX6G	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
LDKAEU	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
LE7VD4	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
LFF9AT	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
LG2C3X	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
LGG6NA	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
LJ6JFB	PowerPlex®16						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
LL9DZF	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
LLEW4	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
LME2ZD	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
LMGK7P	ID+, MiniFiler						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
LNNVUT	NGMSelect						
	1	17,23	15,16			11,13	
	2	24,25	16,16			9,15	
	3	24,25	16,16			9,15	
	4	17,23	15,16			11,13	
LNU49M	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
LRUUJY	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
LUM3UF	Identifiler® MiniFiler, SGM Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
LURGKN	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
LVFZ2M	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
LWQ4KU	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
LYKPJN	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
M2XRZG	COfiler® and Profiler Plus® Identifiler® PowerPlex®16 Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
M379NE	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
M4HZGF	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
M62JYR	PowerPlex® 21						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
M6JGJ6	Identifiler® MiniFiler						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12



TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
M7CERB	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
M8FBMN	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
MAJUDA	IdentiFiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
MBFJRX	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
MCEUU7	COfiler® and Profiler Plus®						
	1	-	15,16	11,12	9,9	11,13	11,12
	2	-	16,16	11,12	10,11	9,15	11,11
	3	-	16,16	11,12	10,11	9,15	11,11
	4	-	15,16	11,12	9,9	11,13	11,12
MFC8LC	PowerPlex® 16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
MGM4TQ	COfiler® and Profiler Plus®						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
MGX7FP	COfiler® and Profiler Plus®						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
MH9DMN	Identifiler-Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
MJ6UTM	Fusion, CS7						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
MKTG2M	PowerPlex® 21						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
MKZYA8	Identifiler Plus, MiniFiler						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
MNHQJH	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
MP3TTB	PowerPlex® 16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
MPFDGX	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
MPX92L	PowerPlex® 16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
MQG8CD	PowerPlex® 16						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
MQVHDA	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
MR9397	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
MRRZGE	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
MU3NAQ	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
MV6XDF	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
MWTEFV	PowerPlex® 16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
MX2KL6	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
MXGNRQ	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
MY3AAZ	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
N2KDD4	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
N34PGF	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
N6XAKU	MGM Select, SGM Plus, Profiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
N76RLG	Identifiler Plus/ID Direct						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
N7MQPV	SGM+						
	1	17,23	15,16			11,13	
	2	24,25	16,16			9,15	
	3	24,25	16,16			9,15	
	4	17,23	15,16			11,13	
N8MRVY	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
NATTJX	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
NC4WR9	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
NCYLMP	PowerPlex® Fusion						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
NDCK98	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
NKLNUJ	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
NM8NKV	Fusion						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
NMEPWU	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
NQU2RP	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
NRJHCL	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
NTCFRT	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
NUMBHQ	PowerPlex® 16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
NUXZW6	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
NVM4NC	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
NWEYQR	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
NZKMQP							
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
NZTVFW	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
NZXA4H	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
P3NNCQ	Identifiler Plus, Identifiler Direct						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
P8ZTZ2	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
PAYKWZ	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
PCDZJK	ID Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
PDKZBE	COfiler® and Profiler Plus® Identifiler® PowerPlex® 16 HS						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
PF4BFC	Identifiler® MiniFiler						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
PF96CY	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
PGRWKU	Identifiler Plus, MiniFiler						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
PGWZ77	Identifiler Plus, MiniFiler						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
PHWKRJ	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
PLRJFK	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
PNAADV	Identifiler® MiniFiler						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
PPME2B	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
PREFDE	PowerPlex® 16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
PRQMB9	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
PTBNP3	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
PTEGCG	Identifiler Plus and Identifiler Direct						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
PTJRGZ	Identifiler® MiniFiler						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
PTMPT6	PowerPlex® 16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
PTWDN7	Identifiler® PP16 HS						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
PWT34D	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
PZCZLY	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
Q2TKFM	PowerPlex®16						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
Q8BFUR	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
QAJZXN	COfiler® and Profiler Plus®						
	1		15,16	11,12	9,9	11,13	11,12
	2		16,16	11,12	10,11	9,15	11,11
	3		16,16	11,12	10,11	9,15	11,11
	4		15,16	11,12	9,9	11,13	11,12
QBVYX4	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
QFZQVF	PowerPlex® Fusion						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
QGHTTG	Identifiler® IDF Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
QGZK9Y	COfiler® and Profiler Plus®						
	1		15,16	11,12	9,9	11,13	11,12
	2		16,16	11,12	10,11	9,15	11,11
	3		16,16	11,12	10,11	9,15	11,11
	4		15,16	11,12	9,9	11,13	11,12
QJ78KH	ID+, ID Direct						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
QK3DAP	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12



TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
QL96VC	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
QLMMKA	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
QNJRHK	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
QPDN2J	Identifiler® Minifiler[sic]						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
QQ6TCJ	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
QQUKRX	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
QRGEXE	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
QTJZB7	ID Plus, Mini (3 & 4)						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
QVYFED	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
QXGRX6	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
QZ9UUK	PowerPlex® Fusion						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
R4CWEQ	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	ND	ND	ND	ND	ND	ND
R7RKHC	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
R9MWW7	COfiler® and Profiler Plus® Identifiler®						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
RA6BNE	PowerPlex® 16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
RAEYKG	PowerPlex® Fusion						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
RAVCP6	PowerPlex® 16 HS, MiniFiler						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
RB4GCC	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
RBMUCUD	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
RBUBAA	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
RC4J44	COfiler® and Profiler Plus®						
	1		15,16	11,12	9,9	11,13	11,12
	2		16,16	11,12	10,11	9,15	11,11
	3		16,16	11,12	10,11	9,15	11,11
RCVEK8	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
RCZRCB	Identifiler +						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
RET9JV	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
RFCCVG	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
RKVP2Y	Fusion						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
RLDQDC	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
RLDVME	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
RMTE3Q	PowerPlex®16						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
RNTCTC	ID Plus; ID Direct						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
	4	17,23	15,16	11,12	9	11,13	11,12
	4	17,23	15,16	11,12	9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
RNXMWV	Identifiler® MiniFiler						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
RUKDA8	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
RWRNXB	PowerPlex®16						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
RYKPBB	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
RYZ3MZ	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
RYZTNQ	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
T2BG9L	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
T2EGD9	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
T2EYBQ	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
T2VPGV	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
T2ZCAN	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
T42GJQ	Fusion						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
T4KML9	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
T7P4YK							
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
T9F2XR	PP Fusion						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
TA9Y6Y	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
TARYVG	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
TBJ4EF	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
TDEJ3J	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
TEJ8BA	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
TFWNL2	Identifiler Plus, PowerPlex® HS						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
TG394V	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
THVN3F	Identifiler® PowerPlex® 16						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
THZJ3J	PowerPlex® Fusion						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
TJAVA8	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
TJC97G	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
TLGZ4B	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
TLWF8P	PP16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
TPJWXC	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
TQ3JV8	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
TR8JE7	PowerPlex® 16 HS, Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
TTB6TQ	PowerPlex® 16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
TTUJ89	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
TVELL8	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
TVR4P3	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
TXML6A	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
U2UN3X	PowerPlex® Fusion						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
U3NF8M	Identifiler Direct and Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
U46FLB	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
U4KX6H	PowerPlex®21						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
U6T4KL	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
U6WJY8	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
U9ZQKB	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
UDB7AW	SGM+ Applied Biosystems						
	1	17,23	15,16			11,13	
	2	24,25	16,16			9,15	
	3	24,25	16,16			9,15	
	4	17,23	15,16			11,13	
UDN33U	PowerPlex® Fusion						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
UEE6ZF	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
UF4UJA	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
UG9YQX	COfiler® and Profiler Plus®						
	1	-	15,16	11,12	9,9	11,13	11,12
	2	-	16,16	11,12	10,11	9,15	11,11
	3	-	16,16	11,12	10,11	9,15	11,11
	4	-	15,16	11,12	9,9	11,13	11,12
UGKL4T	PowerPlex® Fusion						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
UH2V7C	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12



TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
UKZ9EC	PowerPlex®16						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
ULWTEH	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
ULXGWJ	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
UMLYRQ	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
UN6TTC	PowerPlex® Fusion						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
UQAH66	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
UREU8T	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
UVKWR6	Identifiler® PowerPlex®16						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
UYZ7KG	PowerPlex®16						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
UZEK97	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
V29P4Q	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
V42BEU	COfiler® and Profiler Plus® Identifiler®						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
V4K6B9	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
V6RJCW	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
V8AL7B	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
V99TF3	PowerPlex® 16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
V9BHP8	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
VCJ47C	PowerPlex® 16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
VCK9VY	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
VDGCHZ	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
VE3K6B	Identifiler® MiniFiler						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
VENPQ4	PowerPlex® 16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
VFUR3V	COfiler® and Profiler Plus®						
	1	-	15,16	11,12	9,9	11,13	11,12
	2	-	16,16	11,12	10,11	9,15	11,11
	3	-	16,16	11,12	10,11	9,15	11,11
	4	-	15,16	11,12	9,9	11,13	11,12
VHM72C	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
VHVRCF	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
VLGNRT	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
VMPVW7	COfiler® and Profiler Plus® Identifiler® PowerPlex® 16 HS						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
VNEMWV							
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
VNBWZQ	PowerPlex® 16						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
VP9XNX	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
VQRMDK							
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
VT7HB4	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
VTHY9U	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
VTX6CZ	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
VWAAKU	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
VVWEM3	Identifiler Plus, MiniFiler						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
VX9A3U	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
VXCURH	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
VXHF3C	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
VZPTKX	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
W2692W	PoserPlex[sic] ESX 16						
	1	17,23	15,16			11,13	
	2	24,25	16			9,15	
	3	24,25	16			9,15	
	4	17,23	15,16			11,13	
W2DYK2	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
W2N9RE	ID Plus, MiniFiler						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
W2WH9T	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
W3AZJK	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
W47KB7	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
W6JZUY	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
W9L3K8	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
WA24V3	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
WAZA4A	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
WDANC9	PowerPlex® 16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
WDXPJK	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
WE7XNW	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
WFCLQG	PowerPlex® 16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
WGCAAH	PowerPlex® 16						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
WJCR89	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
WJQYTX	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
WKHX24	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
WKJNEB	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
WLDFCQ	Identifiler® Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	Identifiler® Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	Identifiler® Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	Identifiler® Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
WQK4M6	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
WQQ6UE	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
WVBFA3	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
WXWQ29	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
WY3ANH	ID Direct, ID Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
WYJCM	Identifiler® PowerPlex® 16						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
WZ8ZKE	PowerPlex® 16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
X3VU8R	COfiler® and Profiler Plus® MiniFiler & Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
X6EVQV	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
X7AL2V	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
X7HE8V	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
X7MTW3	4	17,23	15,16	11,12	9	11,13	11,12
	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
X8883T	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
	Identifiler® Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
XALJ7H	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
	Identifiler®						
XATDGB	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
XC3HY6	Identifiler Plus, MiniFiler						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
XDF6J8	4	17,23	15,16	11,12	9,9	11,13	11,12
	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
XDUDN2	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
	PowerPlex®16						
	1		15,16	11,12	9,9	11,13	11,12
XERPEP	2		16,16	11,12	10,11	9,15	11,11
	3		16,16	11,12	10,11	9,15	11,11
	4		15,16	11,12	9,9	11,13	11,12
	Identifiler®						
XFFG4Z	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12



TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
XFJXEP	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
XG4W4V	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
XHMPE7	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
XJYWJZ	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
XMK473	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
XNDV62	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
XQ2BPV	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
XQM7YV	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
XRALFP	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
XRFA2X	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
XUPPGW	PowerPlex®16						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
XWZC8V	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
XX8FUR	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
Y3NAH4	Fusion						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
Y3TLEY	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	24,25	16,16	11,12	10,11	9,15	11,11
Y64B4K	COfiler® and Profiler Plus® Identifiler®						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
Y8N4UD	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
Y9G29X	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
Y9LCDG	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
YDFWCD	PowerPlex® 16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
YDX768	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
YHHPNP	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
YJAL2X	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
YJJDEY	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
YJPD49	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
YJRLAU	PowerPlex®16						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
	4		15,16	11,12	9	11,13	11,12
YUZGZK	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
YW4W3Q	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
YXJ9RN	Fusion						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
YZ7N79	PowerPlex®21						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
Z3CX44	PowerPlex® 16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
Z3V89J	Identifiler® Identifiler Plus, MiniFiler						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
Z499L6	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
Z4ACJA	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
Z4DT33	PowerPlex® 16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
Z4G9LU	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
Z4RUGG	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
Z6WE67	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
Z7NJFB	COfiler® and Profiler Plus®						
	1	-	15,16	11,12	9,9	11,13	11,12
	2	-	16,16	11,12	10,11	9,15	11,11
	3	-	16,16	11,12	10,11	9,15	11,11
Z7PJ9D	Pplex Fusion						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
Z8KYUV	Identifiler Plus, MiniFiler						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
Z8PEHF	Identifiler® Identifiler Plus, MiniFiler						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
Z8ZBF9	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
Z9AD28	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
ZAFVX3	Identifiler®						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
ZDPVET	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
ZEWAWA	PowerPlex® Fusion						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
ZFZ3C2	PowerPlex® 16 HS						
	1	-	15,16	11,12	9	11,13	11,12
	2	-	16	11,12	10,11	9,15	11
	3	-	16	11,12	10,11	9,15	11
	4	-	15,16	11,12	9	11,13	11,12
ZG8WQG	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
ZJK3FM	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
ZJYXUV	PowerPlex®16						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
ZKFYA4	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
ZMG9WR	Identifiler Plus, MiniFiler						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
ZMUNYB	PowerPlex® Fusion						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
ZN4C6T	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
ZNZGCU	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
ZPWWM7	PowerPlex® 16 HS						
	1		15,16	11,12	9	11,13	11,12
	2		16	11,12	10,11	9,15	11
	3		16	11,12	10,11	9,15	11
ZQT7YU	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
ZQT9QL	Identifiler Plus						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
ZRXGGK	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11

TABLE 2

WebCode	Item	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
ZV2PZA	Identifiler®						
	1	17,23	15,16	11,12	9,9	11,13	11,12
	2	24,25	16,16	11,12	10,11	9,15	11,11
	3	24,25	16,16	11,12	10,11	9,15	11,11
	4	17,23	15,16	11,12	9,9	11,13	11,12
ZVRLKN	Identifiler Plus						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12
ZY9M2J	Identifiler® MiniFiler						
	1	17,23	15,16	11,12	9	11,13	11,12
	2	24,25	16	11,12	10,11	9,15	11
	3	24,25	16	11,12	10,11	9,15	11
	4	17,23	15,16	11,12	9	11,13	11,12

Results in brackets "[ ]" indicate minor or weaker alleles  
 See Additional Comments (Table 10) for laboratory specific notations.

# STR Results - Part II

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
22U2MJ	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
23HM4M	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
23RPH8	1	11,14	15,17		27,31	X,X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X,X	11,13
299QLR	1	11,14	15,17	-	27,31	X,X	11,13
	2	10,11	15,17	-	28,28	X,Y	12,12
	3	10,11	15,17	-	28,28	X,Y	12,12
	4	11,14	15,17	-	27,31	X,X	11,13
29GHYT	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
29LN9N	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
29YKG2	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
29YPR4	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
2AAM6L	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
2AEMFU	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
2AJNQN	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
2BF7NJ	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
2BPBTF	1	11,14	15,17		27,31	X,X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X,X	11,13



TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
2BX7MK	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
2C3XBU	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
2C6R22	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
2CA38H	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
2CGTQM	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
2EVPPL	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
2FUU8F	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
2HVUMZ	1	11,14	15,17		27,31	X,X	11,13
	2	10,11	15,17		28,28	X,Y	12,12
	3	10,11	15,17		28,28	X,Y	12,12
	4	11,14	15,17		27,31	X,X	11,13
2HWUCT	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
2JKVVM	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
2KADN9	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
2KR4V8	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
2NGR32	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
2P6XYJ	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
2PFWNB	1	11,14	15,17		27,31	X,X	11,13
	2	10,11	15,17		28,28	X,Y	12,12
	3	10,11	15,17		28,28	X,Y	12,12
	4	11,14	15,17		27,31	X,X	11,13
2RPYNT	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
2U2JR8	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
2UVFVH	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
2VJTDZ	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
2VLM77	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
2VQHT7	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
2W3LER	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
2WMZQ2	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
2XNK6G	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
2YH6CK	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
36RVDJ	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
39GC3E	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
3AQJAD	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
3B4M2P	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
3BEMLC	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
3BJ3ZY	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
3C7RUE	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
3CNKUC	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
3GHJ98	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
3L2ARF	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
3MLPH2	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
3PBD4X	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
3RFJHQ	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
3RKUH2	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
3YFZ66	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
3ZWMVP	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
3ZWZEL	1	11,14	15,17	14,15.2	27,31	X,X	
	2	10,11	15,17	12,16.2	28,28	X,Y	
	3	10,11	15,17	12,16.2	28,28	X,Y	
	4	11,14	15,17	14,15.2	27,31	X,X	
42MLKH	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
47TF7D	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
4ATLU4	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
4B48LQ	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
4BTEWG	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
4CX6QQ	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
4ETPW4	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
4EY7F3	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
4G3MH9	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
4G8GB7	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
4GHX9W	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
4GUPUB	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
4LFGBV	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
4LJRFE	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
4LNTMU	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
4MAJF7	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
4Q3CYA	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
4QZFHQ	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
4RANF7	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
4UA2W4	1	11,14	15,17	N/A	27,31	X,X	11,13
	2	10,11	15,17	N/A	28	X,Y	12
	3	10,11	15,17	N/A	28	X,Y	12
	4	11,14	15,17	N/A	27,31	X,X	11,13
4UYDXJ	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
4VE9JW	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
4VXYRF	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
4YJUJF	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
4Z7PPW	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
64RFXT	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
6698CN	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
66GUGC	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
66KCJG	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
69HYX9	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
6A99WG	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
6APC9X	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
6B8AT9	1	11,14	15,17	-	27,31	X,X	11,13
	2	10,11	15,17	-	28,28	X,Y	12,12
	3	10,11	15,17	-	28,28	X,Y	12,12
	4	11,14	15,17	-	27,31	X,X	11,13
6DBJYQ	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
6EUNWB	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
6L68TH	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
6M924T	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
6MGZH4	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
6MLBHE	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
6N96MW	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
6NVBHF	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
6PGABT	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
6PJR4	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
6PJXQB	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
6PT3UA	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
6QYN8N	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
6RDLLC	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
6V9DEG	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
6WRMM4	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
6XH8NM	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
6ZL29L	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
6ZYTQH	1	11,14	15,17		27,31	X,X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X,X	11,13
72YY4C	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
73AVKA	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
73Z72P	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
768PUJ	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
76JQH7	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
77BK3Z	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
77KWJ7	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
7882CC	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
78LWPP	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
79FJAF	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13



TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
7C8JYP	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
7CN84K	1	11,14	15,17		27,31	X,X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X,X	11,13
7CYAH4	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
7DQRC6	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
7HEFWQ	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
7KBJ9X	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
7L3TU2	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
7M3AKC	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
7MNHW2	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
7MTZ6D	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
7N6KTY	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
7QD6J3	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
7V3HA6	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
7VB862	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
7W8BTP	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
7X4TWR	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
7X7DXL	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
7XMH8K	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
7YEXH9	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,[15.2^],16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
82B49M	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
82EPQ8	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
833CUU	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
83CJH	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
83NV24	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
84MLPH	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
8894QM	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
88LYC9	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
8AN4J2	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
8B3EK4	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	11,14	15,17	14,15.2	27,31	X,X	11,13
	4	10,11	15,17	12,16.2	28,28	X,Y	12,12
8BP7YE	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
8CARVQ	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
8CAUWF	1	11,14	15,17	14,15.2	27,31	X,X	
	2	10,11	15,17	12,16.2	28,28	X,Y	
	3	10,11	15,17	12,16.2	28,28	X,Y	
	4	11,14	15,17	14,15.2	27,31	X,X	
8ET2U3	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
8F4YWY	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
8JUTEK	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
8KARRP	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
8LXVUP	1	11,14	15,17	-	27,31	X,X	11,13
	2	10,11	15,17	-	28,28	X,Y	12,12
	3	10,11	15,17	-	28,28	X,Y	12,12
	4	11,14	15,17	-	27,31	X,X	11,13
8PV7ZV	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
8QFUMB	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
8R2PXK	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
8RZYUW	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
8W2UYG	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
8W2VXB	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
8XA6FT	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
8Z9G3U	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
93JMML	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
98GM24	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
99CHVK	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
99D6YY	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
99WN7R	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
9AM4CB	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
9AM647	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
9CBLA8	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
9EHE72	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
9EMECM	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
9EPR9W	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
9HV8YY	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
9JBH2X	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
9JHUEG	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
9MMDMB	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
9NJ2UD	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
9NXF98	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
9PM7FZ	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
9QQ34D	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
9RBUJE	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X^,Y^	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14~.15.2~	27,31	X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
9RDR46	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
9TPGMW	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
9VWXN9	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
9W7YLD	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
9WQTYN	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
9XD2LA	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
9XQKGZ	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	12,13,14	14,16,17,20	13	30,30.2,32	X,Y	10,11,12
9XYWPD	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
A2MM6Z	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
A34Y8Y	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
A7ERP7	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
AA2CWB	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
ABXEL6	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
ADTWZD	1	11,14	15,17		27,31	X,X	11,13
	2	10,11	15,17		28,28	X,Y	12,12
	3	10,11	15,17		28,28	X,Y	12,12
	4	11,14	15,17		27,31	X,X	11,13
AFTGRZ	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
AJFDYG	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
AK9FHR	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
ALBY22	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
AM3AAU	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
AM8DFQ	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
ANYKA2	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
AP228L	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
AQ648R	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
AQF7KX	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,[17]	14,15.2	27,31	X,X	11,13
ATTCVU	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
ATW4ML	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
ATWT3C	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
AUF3J6	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
AUG3EW	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
AVGCW2	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
AVKFGE	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
AYECVR	1	11,14	15,17		27,31	X,X	11,13
	2	10,11	15,17		28,28	X,Y	12,12
	3	10,11	15,17		28,28	X,Y	12,12
	4	11,14	15,17		27,31	X,X	11,13
AZ2DB2	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
AZLWDY	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
B6RQRX	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
B6VEA7	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
B7BLRJ	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
B9M9L3	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
BAF48Q	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13



TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
BBEWDH	1	11,14	15,17	-	27,31	X,X	11,13
	2	10,11	15,17	-	28	X,Y	12
	3	10,11	15,17	-	28	X,Y	12
	4	11,14	15,17	-	27,31	X,X	11,13
BCDWPG	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
BCWQ63	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
BDCPZE	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
BDPDU3	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
BEE4NU	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
BEHETD	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
BFD3ZZ	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
BFWZF8	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
BHQHV3	1	11,14	15,17		27,31	X,X	11,13
	2	10,11	15,17		28,28	X,Y	12,12
	3	10,11	15,17		28,28	X,Y	12,12
	4	11,14	15,17		27,31	X,X	11,13
BHZJPN	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
BJ34U4	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
BJBPHH	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
BJMURV	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
BJXWA9	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
BKYQ7J	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
BLY3C8	1	11,14	15,17		27,31	X,X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X,X	11,13
BMJJ6E	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
BQRLEH	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
BQZZBE	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
BTDQ79	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
BTND3G	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
BTPDUX	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
BUGEUQ	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
BV63PE	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
BVG7Z	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
BVNJHB	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
BZ6X2N	1	11,14	15,17		27,31	X,X	11,13
	2	10,11	15,17		28,28	X,Y	12,12
	3	10,11	15,17		28,28	X,Y	12,12
	4	11,14	15,17		27,31	X,X	11,13
BZJ4Y7	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
C2HQQM	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
C3FLX	1	11,14	15,17		27,31	X,X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X,X	11,13
C3Q9DE	1	11,14	15,17	14,15.2	27,31	X,X	
	2	10,11	15,17	12,16.2	28,28	X,Y	
	3	10,11	15,17	12,16.2	28,28	X,Y	
	4	11,14	15,17	14,15.2	27,31	X,X	
C6K7JR	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
C8LDFP	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
C9CYZU	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
CAANHB	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
CCC7EX	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
CDDHBE	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
CDTKV3	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
CFGRDX	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
CHJUW7	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
CK7HCU	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
CKHTRQ	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
CKYCT7	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
CL2VAU	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
CNLXQD	1	11,14	15,17	N/A	27,31	X,X	11,13
	2	10,11	15,17	N/A	28,28	X,Y	12,12
	3	10,11	15,17	N/A	28,28	X,Y	12,12
	4	11,14	15,17	N/A	27,31	X,X	11,13
CNVLHQ	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
CPMKLK	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
CTYN92	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
CVQQ7Z	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
CY8KVT	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
CZLRJV	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
D36P88	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
D3A6PE	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
D6QUGP	1	11,14	15,17		27,31	X,X	11,13
	2	10,11	15,17		28,28	X,Y	12,12
	3	10,11	15,17		28,28	X,Y	12,12
	4	11,14	15,17		27,31	X,X	11,13
D89ULJ	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
DBCJZ2	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
DE9H8H	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
DEDTZV	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
DF7KC2	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
DFJCYB	1	11,14	15,17		27,31	X,X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X,X	11,13
DFTYX4	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
DHDBTC	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
DNMXDL	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
DNRBEN	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
DNWC9T	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
DPHKYB	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
DU2Z4U	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
DVEPHD	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
DVFH9L	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
DXCLNF	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
DYLFFF	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
E2VZT2	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
E3BCMB	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
E43TUL	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
E4CJMP	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
EAAD2Q	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
EARXLG	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
EAVU96	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
EC34FH	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
EC43HP	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
ECAA4J	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
EDC743	1	11,14	15,17	N/A	27,31	X	11,13
	2	10,11	15,17	N/A	28	X,Y	12
	3	10,11	15,17	N/A	28	X,Y	12
	4	11,14	15,17	N/A	27,31	X	11,13
EDGJYQ	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
EGMVB6	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
EJJR28	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
EJQV6A	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
EJY6H4	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
EKVP83	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
EMVRZJ	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
ET6XRJ	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
EV2GWB	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
EVFW2H	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
EWFJAH	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
EXKKM3	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
EXXAFT	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
EYCHV9	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
EYZ88C	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
EZE33W	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
EZP2TK	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
EZUFDX	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
F2FM22	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
F2K2JU	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
F32Y9D	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13



TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
F6QC37	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
F7YFTU	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
F88UVU	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
FC8TR7	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
FFDMXB	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
FHERAZ	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
FJJJQX	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
FKGAZF	1	11,14	15,17		27,31	X,X	11,13
	2	10,11	15,17		28,28	X,Y	12,12
	3	10,11	15,17		28,28	X,Y	12,12
	4	11,14	15,17		27,31	X,X	11,13
FKNRL6	1	11,14	15,17		27,31	X,X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X,X	11,13
FLM2GM	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
FP3KF4	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
FQ64WT	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
FX4JQ8	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
FXTP7B	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
FY7PBV	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
FZ6TA9	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
FZA4AJ	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
G3U9FP	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
G63KGV	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
G73WHD	1	11,14	15,17		27,31	X,X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X,X	11,13
G8WGG7	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
GDWMJW	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
GE6WJR	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
GGEM3T	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
GGU3Z7	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
GHHNEF	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
GJ47VE	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
GKHG2Y	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X,X	11,13
GLJKEH	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
GMKF3Q	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
GPQW9Q	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
GRTP6T	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
GT896H	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
GUVNDZ	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
GW3NCY	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
GYAGEQ	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
H3LQL4	1	11,14	15,17		27,31	X,X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X,X	11,13
H4Z3L9	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
H74VE8	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
H87HEY	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
H8AKDA	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
H8MPHD	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
HBDBVX	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
HBJAKC	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
HDPRME	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
HDULDU	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
HGXEJT	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
HHHYXP	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
HHLN4T	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
HJLWHQ	1	11,14	15,17		27,31	X,X	11,13
	2	10,11	15,17		28,28	X,Y	12,12
	3	10,11	15,17		28,28	X,Y	12,12
	4	11,14	15,17		27,31	X,X	11,13
HLUUK9	1	11,14	15,17		27,31	X,X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X,X	11,13
HMHW4U	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
HNA29M	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
HRB7L8	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
HTLJEP	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
HTPNQX	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
HTZC3M	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
HVLB7J	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
HVRCHG	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
HYG48D	1	11,14	15,17		27,31	X,X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X,X	11,13
HZMBT7	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
J4GNQH	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
J6PU2W	1	11,14	15,17	-	27,31	X,X	11,13
	2	10,11	15,17	-	28,28	X,Y	12,12
	3	10,11	15,17	-	28,28	X,Y	12,12
	4	11,14	15,17	-	27,31	X,X	11,13
J6PWPF	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
J9QXTJ	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
JAMDB9	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
JC8AUT	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
JCJFTJ	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
JCQYBG	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
JCVH9K	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
JD9TB2	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
JE2U2F	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
JEN7ZY	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
JG4T2L	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
JJNR6H	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
JMM7HK	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
JMPQPM	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
JNF339	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
JQ4HEG	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
JQJ2VT	1	11,14	15,17		27,31	X,X	11,13
	2	10,11	15,17		28,28	X,Y	12,12
	3	10,11	15,17		28,28	X,Y	12,12
	4	11,14	15,17		27,31	X,X	11,13
JR8HZU	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
JRVA8E	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
JRZUHW	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
JTFCKD	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
JW6U7R	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
JYFUAE	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
JYKHAZ	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
JZKTFT	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
K2EJYZ	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
K7P362	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
K94URW	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
KBQGDV	1		15,17		27,31	X,X	
	2		15,17		28,28	X,Y	
	3		15,17		28,28	X,Y	
	4		15,17		27,31	X,X	
KC8HNX	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
KCGGHV	1	11,14	15,17		27,31	X,X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X,X	11,13
KDALJG	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
KDFKHD	1	11,14	15,17		27,31	X,X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X,X	11,13
KDLX76	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
KDV6RK	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
KFWA2N	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
KNRAP2	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
KVFMWE	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
KY66ET	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
L2AE23	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
L3EQDE	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13



TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
L3T8JB	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
L67LA7	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
L6QKXC	1	11,14	15,17	-	27,31	X	11,13
	2	10,11	15,17	-	28	X,Y	12
	3	10,11	15,17	-	28	X,Y	12
	4	11,14	15,17	-	27,31	X	11,13
L6V3ZH	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
L7FRJE	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
L99ACZ	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
LAAPVZ	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
LCZX6G	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
LDKAEU	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
LE7VD4	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
LFF9AT	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
LG2C3X	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
LGG6NA	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
LJ6JFB	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
LL9DZF	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
LLEW4	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
LME2ZD	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
LMGK7P	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
LNNVUT	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
LNU49M	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
LRUUJY	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
LUM3UF	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
LURGKN	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
LVFZ2M	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
LWQ4KU	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
LYKPJN	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
M2XRZG	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
M379NE	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
M4HZGF	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
M62JYR	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
M6JGJ6	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
M7CERB	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
M8FBMN	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
MAJUDA	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
MBFJRX	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
MCEUU7	1	11,14	15,17	-	27,31	X,X	11,13
	2	10,11	15,17	-	28,28	X,Y	12,12
	3	10,11	15,17	-	28,28	X,Y	12,12
	4	11,14	15,17	-	27,31	X,X	11,13
MFC8LC	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
MGM4TQ	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
MGX7FP	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
MH9DMN	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
MJ6UTM	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
MKTG2M	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
MKZYA8	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
MNHQJH	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
MP3TTB	1	11,14	15,17		27,31	X,X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X,X	11,13
MPFDGX	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
MPX92L	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
MQG8CD	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
MQVHDA	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
MR9397	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
MRRZGE	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
MU3NAQ	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
MV6XDF	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
MWTEFV	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
MX2KL6	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
MXGNRQ	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
MY3AAZ	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
N2KDD4	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
N34PGF	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
N6XAKU	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
N76RLG	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
N7MQPV	1	11,14	15,17	14,15.2	27,31	X,X	
	2	10,11	15,17	12,16.2	28,28	X,Y	
	3	10,11	15,17	12,16.2	28,28	X,Y	
	4	11,14	15,17	14,15.2	27,31	X,X	
N8MRVY	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
NATTJX	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
NC4WR9	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
NCYLMP	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
NDCK98	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
NKLNUJ	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
NM8NKV	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
NMEPWU	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
NQU2RP	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
NRJHCL	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
NTCFRT	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
NUMBHQ	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
NUXZW6	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
NVM4NC	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
NWEYQR	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
NZKMQP	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
NZTVFW	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
NZXA4H	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
P3NNCQ	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
P8ZTZ2	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
PAYKWZ	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
PCDZJK	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
PDKZBE	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
PF4BFC	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
PF96CY	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
PGRWKU	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
PGWZ77	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
PHWKRJ	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
PLRJFK	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
PNAADV	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
PPME2B	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
PREFDE	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
PRQMB9	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
PTBNP3	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
PTEGCG	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
PTJRGZ	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
PTMPT6	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
PTWDN7	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
PWT34D	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
PZCZLY	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
Q2TKFM	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
Q8BFUR	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13



TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
QAJZXN	1	11,14	15,17		27,31	X,X	11,13
	2	10,11	15,17		28,28	X,Y	12,12
	3	10,11	15,17		28,28	X,Y	12,12
	4	11,14	15,17		27,31	X,X	11,13
QBVYX4	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
QFZQVF	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
QGHTTG	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
QGZK9Y	1	11,14	15,17		27,31	X,X	11,13
	2	10,11	15,17		28,28	X,Y	12,12
	3	10,11	15,17		28,28	X,Y	12,12
	4	11,14	15,17		27,31	X,X	11,13
QJ78KH	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
QK3DAP	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
QL96VC	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
QLMMKA	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
QNJRHK	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
QPDN2J	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
QQ6TCJ	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
QQUKRX	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
QRGEXE	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
QTJZB7	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
QVYFED	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
QXGRX6	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
QZ9UUK	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
R4CWEQ	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	ND	ND	ND	ND	ND	ND
R7RKHC	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
R9MWV7	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
RA6BNE	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
RAEYKG	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
RAVCP6	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
RB4GCC	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
RBMUCUD	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
RBUBAA	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
RC4J44	1	11,14	15,17		27,31	X,X	11,13
	2	10,11	15,17		28,28	X,Y	12,12
	3	10,11	15,17		28,28	X,Y	12,12
	4	11,14	15,17		27,31	X,X	11,13
RCVEK8	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
RCZRCB	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
RET9JV	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
RFCCVG	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
RKVP2Y	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
RLDQDC	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
RLDVME	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
RMTE3Q	1	11,14	15,17		27,31	X,X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X,X	11,13
RNTCTC	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
RNXMWV	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
RUKDA8	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
RWRNXB	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
RYKPBB	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
RYZ3MZ	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
RYZTNQ	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
T2BG9L	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
T2EGD9	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
T2EYBQ	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
T2VPGV	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
T2ZCAN	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
T42GJQ	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
T4KML9	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
T7P4YK	1	11,14	15,17		27,31	X,X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X,X	11,13
T9F2XR	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
TA9Y6Y	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
TARYVG	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
TBJ4EF	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
TDEJ3J	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
TEJ8BA	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
TFWNL2	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
TG394V	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
THVN3F	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
THZJ3J	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
TJAVA8	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
TJC97G	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
TLGZ4B	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
TLWF8P	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
TPJWXC	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
TQ3JV8	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
TR8JE7	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
TTB6TQ	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
TTUJ89	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
TVELL8	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
TVR4P3	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
TXML6A	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
U2UN3X	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
U3NF8M	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
U46FLB	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
U4KX6H	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
U6T4KL	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
U6WJY8	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
U9ZQKB	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
UDB7AW	1	11,14	15,17	14,15.2	27,31	X,X	
	2	10,11	15,17	12,16.2	28,28	X,Y	
	3	10,11	15,17	12,16.2	28,28	X,Y	
	4	11,14	15,17	14,15.2	27,31	X,X	
UDN33U	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
UEE6ZF	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
UF4UJA	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
UG9YQX	1	11,14	15,17	-	27,31	X,X	11,13
	2	10,11	15,17	-	28,28	X,Y	12,12
	3	10,11	15,17	-	28,28	X,Y	12,12
	4	11,14	15,17	-	27,31	X,X	11,13
UGKL4T	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
UH2V7C	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
UKZ9EC	1	11,14	15,17		27,31	X,X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X,X	11,13
ULWTEH	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
ULXGWJ	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
UMLYRQ	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
UN6TTC	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
UQAH66	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
UREU8T	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
UVKWR6	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
UYZ7KG	1	11,14	15,17		27,31	X,X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X,X	11,13
UZEK97	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
V29P4Q	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
V42BEU	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
V4K6B9	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
V6RJCW	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
V8AL7B	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
V99TF3	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
V9BHP8	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13



TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
VCJ47C	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
VCK9VY	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
VDGCHZ	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
VE3K6B	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
VENPQ4	1	11,14	15,17		27,31	X,X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X,X	11,13
VFUR3V	1	11,14	15,17	-	27,31	X,X	11,13
	2	10,11	15,17	-	28,28	X,Y	12,12
	3	10,11	15,17	-	28,28	X,Y	12,12
	4	11,14	15,17	-	27,31	X,X	11,13
VHM72C	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
VHVRCF	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
VLGNRT	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
VMPVW7	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
VNEMVV	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
VNW BZQ	1	11,14	15,17		27,31	X,X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X,X	11,13
VP9XNX	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
VQRMDK	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
VT7HB4	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
VTHY9U	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
VTX6CZ	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
VWAAKU	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
VWWEM3	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
VX9A3U	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
VXCURH	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
VXHF3C	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
VZPTKX	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
W2692W	1	11,14	15,17	14,15.2	27,31	X	
	2	10,11	15,17	12,16.2	28	X,Y	
	3	10,11	15,17	12,16.2	28	X,Y	
	4	11,14	15,17	14,15.2	27,31	X	
W2DYK2	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
W2N9RE	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
W2WH9T	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
W3AZJK	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
W47KB7	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
W6JZUY	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
W9L3K8	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
WA24V3	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
WAZA4A	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
WDANC9	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
WDXPJK	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
WE7XNW	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
WFCLQG	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
WGCAAH	1	11,14	15,17		27,31	X,X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X,X	11,13
WJCR89	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
WJQYTX	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
WKHX24	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
WKJNEB	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
WLDFCQ	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
WQK4M6	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
WQQ6UE	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
WVBFA3	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
WXWQ29	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
WY3ANH	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
WYJCJM	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
WZ8ZKE	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
X3VU8R	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
X6EVQV	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
X7AL2V	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
X7HE8V	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
X7MTW3	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
X8883T	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
XALJ7H	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
XATDGB	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
XC3HY6	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
XDF6J8	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
XDUDN2	1	11,14	15,17		27,31	X,X	11,13
	2	10,11	15,17		28,28	X,Y	12,12
	3	10,11	15,17		28,28	X,Y	12,12
	4	11,14	15,17		27,31	X,X	11,13
XERPEP	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
XFFG4Z	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
XFJXEP	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
XG4W4V	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
XHMP E7	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
XJYWJZ	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
XMK473	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
XNDV62	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
XQ2BPV	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
XQM7YV	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
XRALFP	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
XRFA2X	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
XUPPGW	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
XWZC8V	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
XX8FUR	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
Y3NAH4	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
Y3TLEY	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	10,11	15,17	12,16.2	28,28	X,Y	12,12

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
Y64B4K	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
Y8N4UD	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
Y9G29X	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
Y9LCDG	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
YDFWCD	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
YDX768	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
YHHPNP	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
YJAL2X	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
YJJDEY	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
YJPD49	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
YJRLAU	1	11,14	15,17		27,31	X,X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X,X	11,13
YUZGZK	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
YW4W3Q	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
YXJ9RN	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
YZ7N79	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
Z3CX44	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
Z3V89J	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
Z499L6	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
Z4ACJA	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
Z4DT33	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
Z4G9LU	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
Z4RUGG	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
Z6WE67	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
Z7NJFB	1	11,14	15,17	-	27,31	X,X	11,13
	2	10,11	15,17	-	28,28	X,Y	12,12
	3	10,11	15,17	-	28,28	X,Y	12,12
	4	11,14	15,17	-	27,31	X,X	11,13
Z7PJ9D	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
Z8KYUV	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13



TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
Z8PEHF	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
Z8ZBF9	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
Z9AD28	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
ZAFVX3	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
ZDPVET	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
ZEWAWA	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
ZFZ3C2	1	11,14	15,17	-	27,31	X,X	11,13
	2	10,11	15,17	-	28	X,Y	12
	3	10,11	15,17	-	28	X,Y	12
	4	11,14	15,17	-	27,31	X,X	11,13
ZG8WQG	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
ZJK3FM	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
ZJYXUV	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
ZKFYA4	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
ZMG9WR	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
ZMUNYB	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13

TABLE 3

WebCode	Item	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
ZN4C6T	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
ZNZGCU	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
ZPWWM7	1	11,14	15,17		27,31	X	11,13
	2	10,11	15,17		28	X,Y	12
	3	10,11	15,17		28	X,Y	12
	4	11,14	15,17		27,31	X	11,13
ZQT7YU	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
ZQT9QL	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
ZRXGGK	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
ZV2PZA	1	11,14	15,17	14,15.2	27,31	X,X	11,13
	2	10,11	15,17	12,16.2	28,28	X,Y	12,12
	3	10,11	15,17	12,16.2	28,28	X,Y	12,12
	4	11,14	15,17	14,15.2	27,31	X,X	11,13
ZVRLKN	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13
ZY9M2J	1	11,14	15,17	14,15.2	27,31	X	11,13
	2	10,11	15,17	12,16.2	28	X,Y	12
	3	10,11	15,17	12,16.2	28	X,Y	12
	4	11,14	15,17	14,15.2	27,31	X	11,13

Results in brackets "[ ]" indicate minor or weaker alleles  
 See Additional Comments (Table 10) for laboratory specific notations.

# STR Results - Part III

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
22U2MJ	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
23HM4M	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
23RPH8	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
299QLR	1	21,21	-	-	6,9.3	8,8	18,18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21,21	-	-	6,9.3	8,8	18,18
29GHYT	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
29LN9N	1	21,21	N/A	N/A	6,9.3	8,8	18,18
	2	19,19.2	N/A	N/A	7,9.3	9,11	14,18
	3	19,19.2	N/A	N/A	7,9.3	9,11	14,18
	4	21,21	N/A	N/A	6,9.3	8,8	18,18
29YKG2	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
29YPR4	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
2AAM6L	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
2AEMFU	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
2AJNQN	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
2BF7NJ	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
2BPBTF	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
2BX7MK	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
2C3XBU	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
2C6R22	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
2CA38H	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
2CGTQM	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
2EVPPL	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
2FUU8F	1	21	N/A	N/A	6,9.3	8	18
	2	19,19.2	N/A	N/A	7,9.3	9,11	14,18
	3	19,19.2	N/A	N/A	7,9.3	9,11	14,18
	4	21	N/A	N/A	6,9.3	8	18
2HVUMZ	1	21,21	9,13	12,15	6,9.3	8,8	18,18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21,21	9,13	12,15	6,9.3	8,8	18,18
2HWUCT	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
2JKVVM	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
2KADN9	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
2KR4V8	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
2NGR32	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
2P6XYJ	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
2PFWNB	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
2RPYNT	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
2U2JR8	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
2UVFVH	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
2VJTDZ	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
2VLM77	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
2VQHT7	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
2W3LER	1	21,21			6,9.3		18,18
	2	19,19.2			7,9.3		14,18
	3	19,19.2			7,9.3		14,18
	4	21,21			6,9.3		18,18
2WMZQ2	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
2XNK6G	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
2YH6CK	1	21,21	9,13	12,15	6,9.3	8,8	18,18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21,21	9,13	12,15	6,9.3	8,8	18,18
36RVDJ	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
39GC3E	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
3AQJAD	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
3B4M2P	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
3BEMLC	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
3BJ3ZY	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
3C7RUE	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
3CNKUC	1	21,21	-	-	6,9.3	8,8	18,18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21,21	-	-	6,9.3	8,8	18,18
3GHJ98	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
3L2ARF	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
3MLPH2	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
3PBD4X	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
3RFJHQ	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
3RKUH2	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
3YFZ66	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
3ZWMVP	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
3ZWZEL	1	21,21			6,9.3		18,18
	2	19,19.2			7,9.3		14,18
	3	19,19.2			7,9.3		14,18
	4	21,21			6,9.3		18,18
42MLKH	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
47TF7D	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
4ATLU4	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
4B48LQ	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
4BTEWG	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
4CX6QQ	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
4ETPW4	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
4EY7F3	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
4G3MH9	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
4G8GB7	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
4GHX9W	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
4GUPUB	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
4LFGBV	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
4LJRFE	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
4LNTMU	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
4MAJF7	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
4Q3CYA	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18



TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
4QZFGH	1	21,21	9,13	12,15	6,9.3	8,8	18,18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21,21	9,13	12,15	6,9.3	8,8	18,18
4RANF7	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
4UA2W4	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
4UYDXJ	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
4VE9JW	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
4VXYRF	1	21,21	9,13	12,15	6,9.3	8,8	18,18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21,21	9,13	12,15	6,9.3	8,8	18,18
4YJUJF	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
4Z7PPW	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
64RFXT	1	21	-	-	6,9.3	8	18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21	-	-	6,9.3	8	18
6698CN	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
66GUGC	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
66KCJG	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
69HYX9	1	21,21	9,13	12,15	6,9.3	8,8	18,18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21,21	9,13	12,15	6,9.3	8,8	18,18
6A99WG	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
6APC9X	1	21,21	9,13	12,15	6,9.3	8,8	18,18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21,21	9,13	12,15	6,9.3	8,8	18,18
6B8AT9	1	21,21	-	-	6,9.3	8,8	18,18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21,21	-	-	6,9.3	8,8	18,18
6DBJYQ	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
6EUNWB	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
6L68TH	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
6M924T	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
6MGZH4	1	21	NT	NT	6,9.3	8	18
	2	19,19.2	NT	NT	7,9.3	9,11	14,18
	3	19,19.2	NT	NT	7,9.3	9,11	14,18
	4	21	NT	NT	6,9.3	8	18
6MLBHE	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
6N96MW	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
6NVBHF	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
6PGABT	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
6PJRG4	1	21,21	-	-	6,9.3	8,8	18,18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21,21	-	-	6,9.3	8,8	18,18
6PJXQB	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
6PT3UA	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
6QYN8N	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
6RDLLC	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
6V9DEG	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
6WRMM4	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
6XH8NM	1	21,21	-	-	6,9.3	8,8	18,18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21,21	-	-	6,9.3	8,8	18,18
6ZL29L	1	21,21	9,13	12,15	6,9.3	8,8	18,18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21,21	9,13	12,15	6,9.3	8,8	18,18
6ZYTQH	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
72YY4C	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
73AVKA	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
73Z72P	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
768PUJ	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
76JQH7	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
77BK3Z	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
77KWJ7	1	21,21	N/A	N/A	6,9.3	8,8	18,18
	2	19,19.2	N/A	N/A	7,9.3	9,11	14,18
	3	19,19.2	N/A	N/A	7,9.3	9,11	14,18
	4	21,21	N/A	N/A	6,9.3	8,8	18,18
7882CC	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
78LWPP	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
79FJAF	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
7C8JYP	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
7CN84K	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
7CYAH4	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
7DQRC6	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
7HEFWQ	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
7KBJ9X	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
7L3TU2	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
7M3AKC	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
7MNHW2	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
7MTZ6D	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
7N6KTY	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
7QD6J3	1	21	-	-	6,9.3	8	18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21	-	-	6,9.3	8	18
7V3HA6	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
7VB862	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
7W8BTP	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
7X4TWR	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
7X7DXL	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
7XMH8K	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
7YEXH9	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
82B49M	1	21	-	-	6,9.3	8	18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21	-	-	6,9.3	8	18
82EPQ8	1	21,21	-	-	6,9.3	8,8	18,18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21,21	-	-	6,9.3	8,8	18,18
833CUU	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
83CJH	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
83NV24	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
84MLPH	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
8894QM	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
88LYC9	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
8AN4J2	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
8B3EK4	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	21,21			6,9.3	8,8	18,18
	4	19.2,19			7,9.3	9,11	14,18
8BP7YE	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
8CARVQ	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
8CAUWF	1	21,21			6,9.3		18,18
	2	19,19.2			7,9.3		14,18
	3	19,19.2			7,9.3		14,18
	4	21,21			6,9.3		18,18
8ET2U3	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
8F4YWY	1	21,21	9,13	12,15	6,9.3	8,8	18,18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21,21	9,13	12,15	6,9.3	8,8	18,18
8JUTEK	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
8KARRP	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
8LXVUP	1	21,21	-	-	6,9.3	8,8	18,18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21,21	-	-	6,9.3	8,8	18,18
8PV7ZV	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
8QFUMB	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
8R2PXK	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
8RZYUW	1	21,21	-	-	6,9.3	8,8	18,18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21,21	-	-	6,9.3	8,8	18,18
8W2UYG	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
8W2VXB	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
8XA6FT	1	21,21	-	-	6,9.3	8,8	18,18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21,21	-	-	6,9.3	8,8	18,18
8Z9G3U	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
93JMML	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
98GM24	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
99CHVK	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
99D6YY	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
99WN7R	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
9AM4CB	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18



TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
9AM647	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
9CBLA8	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
9EHE72	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
9EMECM	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
9EPR9W	1	21,21	9,13	12,15	6,9.3	8,8	18,18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21,21	9,13	12,15	6,9.3	8,8	18,18
9HV8YY	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
9JBH2X	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
9JHUEG	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
9MMDMB	1	21,21	-	-	6,9.3	8,8	18,18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21,21	-	-	6,9.3	8,8	18,18
9NJ2UD	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
9NXF98	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
9PM7FZ	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
9QQ34D	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
9RBUJE	1	21			6,9.3	8	18
	2	19^,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
9RDR46	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
9TPGMW	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,[14]	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
9VWXN9	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
9W7YLD	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
9WQTYN	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
9XD2LA	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
9XQKGZ	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,22,24			6,8,9	8,9,11	15,17,18
9XYWPD	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
A2MM6Z	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
A34Y8Y	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
A7ERP7	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
AA2CWB	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
ABXEL6	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
ADTWZD	1	21,21	9,13	12,15	6,9.3	8,8	18,18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21,21	9,13	12,15	6,9.3	8,8	18,18
AFTGRZ	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
AJFDYG	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
AK9FHR	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
ALBY22	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
AM3AAU	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
AM8DFQ	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
ANYKA2	1	21,21	9,13	12,15	6,9.3	8,8	18,18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21,21	9,13	12,15	6,9.3	8,8	18,18
AP228L	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
AQ648R	1	21	NT	NT	6,9.3	8	18
	2	19,19.2	NT	NT	7,9.3	9,11	14,18
	3	19,19.2	NT	NT	7,9.3	9,11	14,18
	4	21	NT	NT	6,9.3	8	18
AQF7KX	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
ATTCVU	1	21	-	-	6,9.3	8	18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21	-	-	6,9.3	8	18
ATW4ML	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
ATWT3C	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
AUF3J6	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
AUG3EW	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
AVGCW2	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
AVKFGE	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
AYECVR	1	21,21	9,13	12,15	6,9.3	8,8	18,18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21,21	9,13	12,15	6,9.3	8,8	18,18
AZ2DB2	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
AZLWDY	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
B6RQRX	1	21,21	-	-	6,9.3	8,8	18,18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21,21	-	-	6,9.3	8,8	18,18
B6VEA7	1	21	-	-	6,9.3	8	18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21	-	-	6,9.3	8	18
B7BLRJ	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
B9M9L3	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
BAF48Q	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
BBEWDH	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
BCDWPG	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
BCWQ63	1	21	-	-	6,9.3	8	18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21	-	-	6,9.3	8	18
BDCPZE	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
BDPDU3	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
BEE4NU	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
BEHETD	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
BFD3ZZ	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
BFWZF8	1	21,21	-	-	6,9.3	8,8	18,18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21,21	-	-	6,9.3	8,8	18,18
BHQHV3	1	21,21	9,13	12,15	6,9.3	8,8	18,18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21,21	9,13	12,15	6,9.3	8,8	18,18
BHZJPN	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
BJ34U4	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
BJBPHH	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
BJMURV	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
BJXWA9	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
BKYQ7J	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
BLY3C8	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
BMJJ6E	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
BQRLEH	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
BQZZBE	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
BTDQ79	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
BTND3G	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
BTPDUX	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
BUGEUQ	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
BV63PE	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
BVG7Z	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
BVNJHB	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
BZ6X2N	1	21,21	9,13	12,15	6,9.3	8,8	18,18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21,21	9,13	12,15	6,9.3	8,8	18,18
BZJ4Y7	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
C2HQQM	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
C3FLJX	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
C3Q9DE	1	21,21			6,9.3		18,18
	2	19,19.2			7,9.3		14,18
	3	19,19.2			7,9.3		14,18
	4	21,21			6,9.3		18,18
C6K7JR	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
C8LDFP	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
C9CYZU	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
CAANHB	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
CCC7EX	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
CDDHBE	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
CDTKV3	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
CFGDX	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
CHJUW7	1	21,21	9,13	12,15	6,9.3	8,8	18,18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21,21	9,13	12,15	6,9.3	8,8	18,18
CK7HCU	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
CKHTRQ	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18



TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
CKYCT7	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
CL2VAU	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
CNLXQD	1	21,21	N/A	N/A	6,9.3	8,8	18,18
	2	19,19.2	N/A	N/A	7,9.3	9,11	14,18
	3	19,19.2	N/A	N/A	7,9.3	9,11	14,18
	4	21,21	N/A	N/A	6,9.3	8,8	18,18
CNVLHQ	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
CPMKLK	1	21	-	-	6,9.3	8	18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21	-	-	6,9.3	8	18
CTYN92	1	21,21	N/A	N/A	6,9.3	8,8	18,18
	2	19,19.2	N/A	N/A	7,9.3	9,11	14,18
	3	19,19.2	N/A	N/A	7,9.3	9,11	14,18
	4	21,21	N/A	N/A	6,9.3	8,8	18,18
CVQQ7Z	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
CY8KVT	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
CZLRJV	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
D36P88	1	21,21	not tested	not tested	6,9.3	8,8	18,18
	2	19,19.2	not tested	not tested	7,9.3	9,11	14,18
	3	19,19.2	not tested	not tested	7,9.3	9,11	14,18
	4	21,21	not tested	not tested	6,9.3	8,8	18,18
D3A6PE	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
D6QUGP	1	21,21	9,13	12,15	6,9.3	8,8	18,18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21,21	9,13	12,15	6,9.3	8,8	18,18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
D89ULJ	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
DBCJZ2	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
DE9H8H	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
DEDTZV	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
DF7KC2	1	21,21	N/A	N/A	6,9.3	8,8	18,18
	2	19,19.2	N/A	N/A	7,9.3	9,11	14,18
	3	19,19.2	N/A	N/A	7,9.3	9,11	14,18
	4	21,21	N/A	N/A	6,9.3	8,8	18,18
DFJCYB	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
DFTYX4	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
DHDBTC	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
DNMXDL	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
DNRBEN	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
DNWC9T	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
DPHKYB	1	21,21	-	-	6,9.3	8,8	18,18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21,21	-	-	6,9.3	8,8	18,18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
DU2Z4U	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
DVEPHD	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
DVFH9L	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
DXCLNF	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
DYLMFF	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
E2VZT2	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
E3BCMB	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
E43TUL	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
E4CJMP	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
EAAD2Q	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
EARXLG	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
EAVU96	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
EC34FH	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
EC43HP	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
ECAA4J	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
EDC743	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
EDGJYQ	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
EGMVB6	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
EJJR28	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
EJQV6A	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
EJY6H4	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
EKVP83	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
EMVRZJ	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
ET6XRJ	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
EV2GWB	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
EVFW2H	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
EWFJAH	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
EXKKM3	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
EXXAFT	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
EYCHV9	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
EYZ88C	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
EZE33W	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
EZP2TK	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
EZUFDX	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
F2FM22	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
F2K2JU	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,[18]
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
F32Y9D	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
F6QC37	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
F7YFTU	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
F88UVU	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
FC8TR7	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
FFDMXB	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
FHERAZ	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
FJJQX	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
FKGAZF	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
FKNRL6	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
FLM2GM	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
FP3KF4	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
FQ64WT	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
FX4JQ8	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
FXTP7B	1	21,21	Not tested	Not tested	6,9.3	8,8	18,18
	2	19,19.2	Not tested	Not tested	7,9.3	9,11	14,18
	3	19,19.2	Not tested	Not tested	7,9.3	9,11	14,18
	4	21,21	Not tested	Not tested	6,9.3	8,8	18,18
FY7PBV	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
FZ6TA9	1	21,21	-	-	6,9.3	8,8	18,18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21,21	-	-	6,9.3	8,8	18,18
FZA4AJ	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
G3U9FP	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
G63KGV	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
G73WHD	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
G8WGG7	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
GDWMJW	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
GE6WJR	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
GGEM3T	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
GGU3Z7	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
GHHNEF	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
GJ47VE	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
GKHG2Y	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
GLJKEH	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
GMKF3Q	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
GPQW9Q	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
GRTP6T	1	21,21	9,13	12,15	6,9.3	8,8	18,18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21,21	9,13	12,15	6,9.3	8,8	18,18
GT896H	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
GUVNDZ	1	21,21	9,13	12,15	6,9.3	8,8	18,18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21,21	9,13	12,15	6,9.3	8,8	18,18
GW3NCY	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18



TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
GYAGEQ	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
H3LQL4	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
H4Z3L9	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
H74VE8	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
H87HEY	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
H8AKDA	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
H8MPHD	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
HBDBVX	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
HBJAKC	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
HDPRME	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
HDULDU	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
HGXEJT	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
HHHYXP	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
HHLN4T	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
HJLWHQ	1	21,21	9,13	12,15	6,9.3	8,8	18,18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21,21	9,13	12,15	6,9.3	8,8	18,18
HLUUK9	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
HMHW4U	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
HNA29M	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
HRB7L8	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
HTLJEP	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
HTPNQX	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
HTZC3M	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
HVLB7J	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
HVRCHG	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
HYG48D	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
HZMBT7	1	21,21	N/A	N/A	6,9.3	8,8	18,18
	2	19,19.2	N/A	N/A	7,9.3	9,11	14,18
	3	19,19.2	N/A	N/A	7,9.3	9,11	14,18
	4	21,21	N/A	N/A	6,9.3	8,8	18,18
J4GNQH	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
J6PU2W	1	21,21	-	-	6,9.3	8,8	18,18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21,21	-	-	6,9.3	8,8	18,18
J6PWPF	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
J9QXTJ	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
JAMDB9	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
JC8AUT	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
JCJFTJ	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
JCQYBG	1	21	NT	NT	6,9.3	8	18
	2	19,19.2	NT	NT	7,9.3	9,11	14,18
	3	19,19.2	NT	NT	7,9.3	9,11	14,18
	4	21	NT	NT	6,9.3	8	18
JCVH9K	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
JD9TB2	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
JE2U2F	1	21,21	9,13	12,15	6,9.3	8,8	18,18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21,21	9,13	12,15	6,9.3	8,8	18,18
JEN7ZY	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
JG4T2L	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
JJNR6H	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
JMM7HK	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
JMPQPM	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
JNF339	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
JQ4HEG	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
JQJ2VT	1	21,21	9,13	12,15	6,9.3	8,8	18,18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21,21	9,13	12,15	6,9.3	8,8	18,18
JR8HZU	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
JRVA8E	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
JRZUHW	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
JTFCKD	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
JW6U7R	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
JYFUAE	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
JYKHAZ	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
JZKTFT	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
K2EJYZ	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
K7P362	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
K94URW	1	21,21	-	-	6,9.3	8,8	18,18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21,21	-	-	6,9.3	8,8	18,18
KBQGDV	1	21,21					18,18
	2	19,19.2					14,18
	3	19,19.2					14,18
	4	21,21					18,18
KC8HNX	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
KCGGHV	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
KDALJG	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
KDFKHD	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
KDLX76	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
KDV6RK	1	21,21	9,13	12,15	6,9.3	8,8	18,18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21,21	9,13	12,15	6,9.3	8,8	18,18
KFWA2N	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
KNRAP2	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
KVFMWE	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
KY66ET	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
L2AE23	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
L3EQDE	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
L3T8JB	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
L67LA7	1	21,21	9,13	12,15	6,9.3	8,8	18,18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21,21	9,13	12,15	6,9.3	8,8	18,18
L6QKXC	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
L6V3ZH	1	21	-	-	6,9.3	8	18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21	-	-	6,9.3	8	18
L7FRJE	1	21	-	-	6,9.3	8	18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21	-	-	6,9.3	8	18
L99ACZ	1	21,21	-	-	6,9.3	8,8	18,18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21,21	-	-	6,9.3	8,8	18,18
LAAPVZ	1	21,21	-	-	6,9.3	8,8	18,18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21,21	-	-	6,9.3	8,8	18,18
LCZX6G	1	21,21	-	-	6,9.3	8,8	18,18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21,21	-	-	6,9.3	8,8	18,18
LDKAEU	1	21	-	-	6,9.3	8	18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21	-	-	6,9.3	8	18
LE7VD4	1	21	-	-	6,9.3	8	18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21	-	-	6,9.3	8	18
LFF9AT	1	21,21	-	-	6,9.3	8,8	18,18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21,21	-	-	6,9.3	8,8	18,18
LG2C3X	1	21,21	-	-	6,9.3	8,8	18,18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21,21	-	-	6,9.3	8,8	18,18
LGG6NA	1	21	-	-	6,9.3	8	18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21	-	-	6,9.3	8	18
LJ6JFB	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
LL9DZF	1	21	-	-	6,9.3	8	18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21	-	-	6,9.3	8	18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
LLEW4	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
LME2ZD	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
LMGK7P	1	21,21	N/A	N/A	6,9.3	8,8	18,18
	2	19,19.2	N/A	N/A	7,9.3	9,11	14,18
	3	19,19.2	N/A	N/A	7,9.3	9,11	14,18
	4	21,21	N/A	N/A	6,9.3	8,8	18,18
LNNVUT	1	21,21			6,9.3		18,18
	2	19,19.2			7,9.3		14,18
	3	19,19.2			7,9.3		14,18
	4	21,21			6,9.3		18,18
LNU49M	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
LRUUJY	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
LUM3UF	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
LURGKN	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
LVFZ2M	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
LWQ4KU	1	21,21	N/A	N/A	6,9.3	8,8	18,18
	2	19,19.2	N/A	N/A	7,9.3	9,11	14,18
	3	19,19.2	N/A	N/A	7,9.3	9,11	14,18
	4	21,21	N/A	N/A	6,9.3	8,8	18,18
LYKPJN	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
M2XRZG	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18



TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
M379NE	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
M4HZGF	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
M62JYR	1	21,21	9,13	12,15	6,9.3	8,8	18,18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21,21	9,13	12,15	6,9.3	8,8	18,18
M6JGJ6	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	[14],18
	4	21			6,9.3	8	18
M7CERB	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
M8FBMN	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
MAJUDA	1	21,21	Blank	Blank	6,9.3	8,8	18,18
	2	19,19.2	Blank	Blank	7,9.3	9,11	14,18
	3	19,19.2	Blank	Blank	7,9.3	9,11	14,18
	4	21,21	Blank	Blank	6,9.3	8,8	18,18
MBFJRX	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
MCEUU7	1	21,21	-	-	6,9.3	8,8	18,18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21,21	-	-	6,9.3	8,8	18,18
MFC8LC	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
MGM4TQ	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
MGX7FP	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
MH9DMN	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
MJ6UTM	1	21,21	9,13	12,15	6,9.3	8,8	18,18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21,21	9,13	12,15	6,9.3	8,8	18,18
MKTG2M	1	21,21	9,13	12,15	6,9.3	8,8	18,18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21,21	9,13	12,15	6,9.3	8,8	18,18
MKZYA8	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
MNHQJH	1	21	-	-	6,9.3	8	18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21	-	-	6,9.3	8	18
MP3TTB	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
MPFDGX	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
MPX92L	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
MQG8CD	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
MQVHDA	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
MR9397	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
MRRZGE	1	21	-	-	6,9.3	8	18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21	-	-	6,9.3	8	18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
MU3NAQ	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
MV6XDF	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
MWTEFV	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
MX2KL6	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
MXGNRQ	1	21,21	N/A	N/A	6,9.3	8,8	18,18
	2	19,19.2	N/A	N/A	7,9.3	9,11	14,18
	3	19,19.2	N/A	N/A	7,9.3	9,11	14,18
	4	21,21	N/A	N/A	6,9.3	8,8	18,18
MY3AAZ	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
N2KDD4	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
N34PGF	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
N6XAKU	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
N76RLG	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
N7MQPV	1	21,21			6,9.3		18,18
	2	19,19.2			7,9.3		14,18
	3	19,19.2			7,9.3		14,18
	4	21,21			6,9.3		18,18
N8MRVY	1	21,21	NA	NA	6,9.3	8,8	18,18
	2	19,19.2	NA	NA	7,9.3	9,11	14,18
	3	19,19.2	NA	NA	7,9.3	9,11	14,18
	4	21,21	NA	NA	6,9.3	8,8	18,18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
NATTJX	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
NC4WR9	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
NCYLMP	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
NDCK98	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
NKLNJU	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
NM8NKV	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
NMEPWU	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
NQU2RP	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
NRJHCL	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
NTCFRT	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
NUMBHQ	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
NUXZW6	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
NVM4NC	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
NWEYQR	1	21	NT	NT	6,9.3	8	18
	2	19,19.2	NT	NT	7,9.3	9,11	14,18
	3	19,19.2	NT	NT	7,9.3	9,11	14,18
	4	21	NT	NT	6,9.3	8	18
NZKMQP	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
NZTVFW	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
NZXA4H	1	21,21	--	--	6,9.3	8,8	18,18
	2	19,19.2	--	--	7,9.3	9,11	14,18
	3	19,19.2	--	--	7,9.3	9,11	14,18
	4	21,21	--	--	6,9.3	8,8	18,18
P3NNCQ	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
P8TZ2	1	21	-	-	6,9.3	8	18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21	-	-	6,9.3	8	18
PAYKWZ	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
PCDZJK	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
PDKZBE	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
PF4BFC	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
PF96CY	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
PGRWKU	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
PGWZ77	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
PHWKRJ	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
PLRJFK	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
PNAADV	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
PPME2B	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
PREFDE	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
PRQMB9	1	21	N/A	N/A	6,9.3	8	18
	2	19,19.2	N/A	N/A	7,9.3	9,11	14,18
	3	19,19.2	N/A	N/A	7,9.3	9,11	14,18
	4	21	N/A	N/A	6,9.3	8	18
PTBNP3	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
PTEGCG	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
PTJRGZ	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
PTMPT6	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
PTWDN7	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
PWT34D	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
PZCZLY	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
Q2TKFM	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
Q8BFUR	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
QAJZXN	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
QBVYX4	1	21	-	-	6,9.3	8	18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21	-	-	6,9.3	8	18
QFZQVF	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
QGHTTG	1	21	-	-	6,9.3	8	18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21	-	-	6,9.3	8	18
QGZK9Y	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
QJ78KH	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
QK3DAP	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8	18,18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
QL96VC	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
QLMMKA	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
QNJRHK	1	21,21	N/A	N/A	6,9.3	8,8	18,18
	2	19,19.2	N/A	N/A	7,9.3	9,11	14,18
	3	19,19.2	N/A	N/A	7,9.3	9,11	14,18
	4	21,21	N/A	N/A	6,9.3	8,8	18,18
QPDN2J	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
QQ6TCJ	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
QQUKRX	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
QRGEXE	1	21,21	-	-	6,9.3	8,8	18,18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21,21	-	-	6,9.3	8,8	18,18
QTJZB7	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
QVYFED	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
QXGRX6	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
QZ9UUK	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
R4CWEQ	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	ND			ND	ND	ND



TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
R7RKHC	1	21,21	-	-	6,9.3	8,8	18,18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21,21	-	-	6,9.3	8,8	18,18
R9MWV7	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
RA6BNE	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
RAEYKG	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
RAVCP6	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
RB4GCC	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
RBMCD	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
RBUBAA	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
RC4J44	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
RCVEK8	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
RCZRCB	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
RET9JV	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
RFCCVG	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
RKVP2Y	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
RLDQDC	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
RLDVME	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
RMTE3Q	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
RNTCTC	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
RNXMWV	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
RUKDA8	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
RWRNXB	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
RYKPBB	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
RYZ3MZ	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
RYZTNQ	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
T2BG9L	1	21,21	N/A	N/A	6,9.3	8,8	18,18
	2	19,19.2	N/A	N/A	7,9.3	9,11	14,18
	3	19,19.2	N/A	N/A	7,9.3	9,11	14,18
	4	21,21	N/A	N/A	6,9.3	8,8	18,18
T2EGD9	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
T2EYBQ	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
T2VPGV	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
T2ZCAN	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
T42GJQ	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
T4KML9	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
T7P4YK	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
T9F2XR	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
TA9Y6Y	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
TARYVG	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
TBJ4EF	1	21,21	N/A	N/A	6,9.3	8,8	18,18
	2	19,19.2	N/A	N/A	7,9.3	9,11	14,18
	3	19,19.2	N/A	N/A	7,9.3	9,11	14,18
	4	21,21	N/A	N/A	6,9.3	8,8	18,18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
TDEJ3J	1	21	N/A	N/A	6,9.3	8	18
	2	19,19.2	N/A	N/A	7,9.3	9,11	14,18
	3	19,19.2	N/A	N/A	7,9.3	9,11	14,18
	4	21	N/A	N/A	6,9.3	8	18
TEJ8BA	1	21	NT	NT	6,9.3	8	18
	2	19,19.2	NT	NT	7,9.3	9,11	14,18
	3	19,19.2	NT	NT	7,9.3	9,11	14,18
	4	21	NT	NT	6,9.3	8	18
TFWNL2	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
TG394V	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
THVN3F	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
THZJ3J	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
TJAVA8	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
TJC97G	1	21,21	n/a	n/a	6,9.3	8,8	18,18
	2	19,19.2	n/a	n/a	7,9.3	9,11	14,18
	3	19,19.2	n/a	n/a	7,9.3	9,11	14,18
	4	21,21	n/a	n/a	6,9.3	8,8	18,18
TLGZ4B	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
TLWF8P	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
TPJWXC	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
TQ3JV8	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
TR8JE7	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
TTB6TQ	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
TTUJ89	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8,--	18
TVELL8	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
TVR4P3	1	21	N/A	N/A	6,9.3	8	18
	2	19,19.2	N/A	N/A	7,9.3	9,11	14,18
	3	19,19.2	N/A	N/A	7,9.3	9,11	14,18
	4	21	N/A	N/A	6,9.3	8	18
TXML6A	1	21	-	-	6,9.3	8	18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21	-	-	6,9.3	8	18
U2UN3X	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
U3NF8M	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
U46FLB	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
U4KX6H	1	21,21	9,13	12,15	6,9.3	8,8	18,18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21,21	9,13	12,15	6,9.3	8,8	18,18
U6T4KL	1	21	-	-	6,9.3	8	18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21	-	-	6,9.3	8	18
U6WJY8	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
U9ZQKB	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
UDB7AW	1	21,21			6,9.3		18,18
	2	19,19.2			7,9.3		14,18
	3	19,19.2			7,9.3		14,18
	4	21,21			6,9.3		18,18
UDN33U	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
UEE6ZF	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
UF4UJA	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
UG9YQX	1	21,21	-	-	6,9.3	8,8	18,18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21,21	-	-	6,9.3	8,8	18,18
UGKL4T	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
UH2V7C	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
UKZ9EC	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
ULWTEH	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
ULXGWJ	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
UMLYRQ	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
UN6TTC	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
UQA66	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
UREU8T	1	21,21	N/A	N/A	6,9.3	8,8	18,18
	2	19,19.2	N/A	N/A	7,9.3	9,11	14,18
	3	19,19.2	N/A	N/A	7,9.3	9,11	14,18
	4	21,21	N/A	N/A	6,9.3	8,8	18,18
UVKWR6	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
UYZ7KG	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
UZK97	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
V29P4Q	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
V42BEU	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
V4K6B9	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
V6RJCW	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
V8AL7B	1	21,21	-	-	6,9.3	8,8	18,18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21,21	-	-	6,9.3	8,8	18,18
V99TF3	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
V9BHP8	1	21	-	-	6,9.3	8	18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21	-	-	6,9.3	8	18
VCJ47C	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
VCK9VY	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
VDGCHZ	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
VE3K6B	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
VENPQ4	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
VFUR3V	1	21,21	-	-	6,9.3	8,8	18,18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21,21	-	-	6,9.3	8,8	18,18
VHM72C	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
VHVRCF	1	21	-	-	6,9.3	8	18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21	-	-	6,9.3	8	18
VLGNRT	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
VMPVW7	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
VNEMVV	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18



TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
VNWZBQ	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
VP9XNX	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
VQRMDK	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
VT7HB4	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
VTHY9U	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
VTX6CZ	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
VWAAKU	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
VWVEM3	1	21,21	-	-	6,9.3	8,8	18,18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21,21	-	-	6,9.3	8,8	18,18
VX9A3U	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
VXCURH	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
VXHF3C	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
VZPTKX	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
W2692W	1	21			6,9.3		18
	2	19,19.2			7,9.3		14,18
	3	19,19.2			7,9.3		14,18
	4	21			6,9.3		18
W2DYK2	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
W2N9RE	1	21	-	-	6,9.3	8	18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21	-	-	6,9.3	8	18
W2WH9T	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
W3AZJK	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
W47KB7	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
W6JZUY	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
W9L3K8	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
WA24V3	1	21	-	-	6,9.3	8	18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21	-	-	6,9.3	8	18
WAZA4A	1	21	NT	NT	6,9.3	8	18
	2	19,19.2	NT	NT	7,9.3	9,11	14,18
	3	19,19.2	NT	NT	7,9.3	9,11	14,18
	4	21	NT	NT	6,9.3	8	18
WDANC9	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
WDXPJK	1	21,21	-	-	6,9.3	8,8	18,18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21,21	-	-	6,9.3	8,8	18,18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
WE7XNW	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
WFCLQG	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
WGCCAH	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
WJCR89	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
WJQYTX	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
WKHX24	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
WKJNEB	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
WLDFCQ	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
WQK4M6	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
WQQ6UE	1	21,21	-	-	6,9.3	8,8	18,18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21,21	-	-	6,9.3	8,8	18,18
WVBFA3	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
WXWQ29	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
WY3ANH	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
WYJCJM	1	21,21	9,13	12,15	6,9.3	8,8	18,18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
WZ8ZKE	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
X3VU8R	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
X6EVQV	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
X7AL2V	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
X7HE8V	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
X7MTW3	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
X8883T	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
XALJ7H	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
XATDGB	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
XC3HY6	1	21,21	-	-	6,9.3	8,8	18,18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21,21	-	-	6,9.3	8,8	18,18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
XDF6J8	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
XDUDN2	1	21,21	9,13	12,15	6,9.3	8,8	18,18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21,21	9,13	12,15	6,9.3	8,8	18,18
XERPEP	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
XFFG4Z	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
XFJXEP	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
XG4W4V	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
XHMPE7	1	21	-	-	6,9.3	8	18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21	-	-	6,9.3	8	18
XJYWJZ	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
XMK473	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
XNDV62	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
XQ2BPV	1	21	-	-	6,9.3	8	18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21	-	-	6,9.3	8	18
XQM7YV	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
XRALFP	1	21	NT	NT	6,9.3	8	18
	2	19,19.2	NT	NT	7,9.3	9,11	14,18
	3	19,19.2	NT	NT	7,9.3	9,11	14,18
	4	21	NT	NT	6,9.3	8	18
XRFA2X	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
XUPPGW	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
XWZC8V	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
XX8FUR	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
Y3NAH4	1	21,21	9,13	12,15	6,9.3	8,8	18,18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21,21	9,13	12,15	6,9.3	8,8	18,18
Y3TLEY	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	19,19.2			7,9.3	9,11	14,18
Y64B4K	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
Y8N4UD	1	21,21	-	-	6,9.3	8,8	18,18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21,21	-	-	6,9.3	8,8	18,18
Y9G29X	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
Y9LCDG	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
YDFWCD	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
YDX768	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,[9.3]	8	18
YHHPNP	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
YJAL2X	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
YJJDEY	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
YJPD49	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
YJRLAU	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
YUZGZK	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
YW4W3Q	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
YXJ9RN	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
YZ7N79	1	21,21	9,13	12,15	6,9.3	8,8	18,18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21,21	9,13	12,15	6,9.3	8,8	18,18
Z3CX44	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
Z3V89J	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
Z499L6	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
Z4ACJA	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
Z4DT33	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
Z4G9LU	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
Z4RUGG	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
Z6WE67	1	21	N/A	N/A	6,9.3	8	18
	2	19,19.2	N/A	N/A	7,9.3	9,11	14,18
	3	19,19.2	N/A	N/A	7,9.3	9,11	14,18
	4	21	N/A	N/A	6,9.3	8	18
Z7NJFB	1	21,21	-	-	6,9.3	8,8	18,18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21,21	-	-	6,9.3	8,8	18,18
Z7PJ9D	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
Z8KYUV	1	21,21	-	-	6,9.3	8,8	18,18
	2	19,19.2	-	-	7,9.3	9,11	14,18
	3	19,19.2	-	-	7,9.3	9,11	14,18
	4	21,21	-	-	6,9.3	8,8	18,18
Z8PEHF	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
Z8ZBF9	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
Z9AD28	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18



TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
ZAFVX3	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
ZDPVET	1	21,21	NT	NT	6,9.3	8,8	18,18
	2	19,19.2	NT	NT	7,9.3	9,11	14,18
	3	19,19.2	NT	NT	7,9.3	9,11	14,18
	4	21,21	NT	NT	6,9.3	8,8	18,18
ZEWAWA	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
ZFZ3C2	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
ZG8WQG	1	21,21	N/A	N/A	6,9.3	8,8	18,18
	2	19,19.2	N/A	N/A	7,9.3	9,11	14,18
	3	19,19.2	N/A	N/A	7,9.3	9,11	14,18
	4	21,21	N/A	N/A	6,9.3	8,8	18,18
ZJK3FM	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
ZJYXUV	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
ZKFYA4	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
ZMG9WR	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
ZMUNYB	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
ZN4C6T	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
ZNZGCU	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18

TABLE 4

WebCode	Item	FGA	Penta D	Penta E	TH01	TPOX	vWA
ZPWWM7	1	21	9,13	12,15	6,9.3	8	18
	2	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	3	19,19.2	9,13	10,14	7,9.3	9,11	14,18
	4	21	9,13	12,15	6,9.3	8	18
ZQT7YU	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
ZQT9QL	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
ZRXGGK	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
ZV2PZA	1	21,21			6,9.3	8,8	18,18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21,21			6,9.3	8,8	18,18
ZVRLKN	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18
ZY9M2J	1	21			6,9.3	8	18
	2	19,19.2			7,9.3	9,11	14,18
	3	19,19.2			7,9.3	9,11	14,18
	4	21			6,9.3	8	18

Results in brackets "[ ]" indicate minor or weaker alleles  
 See Additional Comments (Table 10) for laboratory specific notations.

# Amplification Kit(s) & YSTR Results - Part I

TABLE 5

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
23HM4M		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
23RPH8		PowerPlex®Y							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
29LN9N		Yfiler®							
	1	No results	No results	No results	No results	No results	No results	No results	No results
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	No results	No results	No results	No results	No results	No results	No results	No results
29YKG2		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
29YPR4		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
2AAM6L		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
2BF7NJ		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
2C3XBU		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
2CGTQM		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
2FUU8F		Yfiler®							
	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	NIR	NIR	NIR	NIR	NIR	NIR	NIR	NIR
2HVUMZ		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	NR	NR	NR	NR	NR	NR	NR	NR
2KADN9		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
2KR4V8		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
2P6XYJ		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
2U2JR8		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14

TABLE 5

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
2VLM77		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
36RVDJ		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
3BEMLC		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
3C7RUE		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
3GHJ98		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
3PBD4X		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
3RKUH2		PowerPlex®Y							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
3YFZ66		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
42MLKH		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
47TF7D									
	1						-		
	2						10		
	3						10		
	4						-		
4ATLU4		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	18	22	10	11	14
4CX6QQ		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
4ETPW4		PowerPlex® Y23							
	1	-	-	-	-	-	-	-	-
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	-	-	-	-	-	-	-	-
4GUPUB		PowerPlex®Y							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
4LJRFE		Y23							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
4LNTMU		Yfiler®							
	1	NA	NA	NA	NA	NA	NA	NA	NA
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 5

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
4Q3CYA		PowerPlex®Y							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
4UA2W4		PowerPlex®Y							
	1	-	-	-	-	-	-	-	-
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
64RFXT		Yfiler®							
	1	-	-	-	-	-	-	-	-
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
6698CN		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	-	-	-	-	-	-	-	-
66GUGC		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
66KCJG		Yfiler®							
	1	-	-	-	-	-	-	-	-
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
69HYX9		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	-	-	-	-	-	-	-	-
6APC9X		Yfiler®							
	2	-	-	-	-	-	10	-	-
	3	-	-	-	-	-	10	-	-
6EUNWB		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
6L68TH		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
6MGZH4		Yfiler®							
	1	NT	NT	NT	NT	NT	NT	NT	NT
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
6PGABT		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	NT	NT	NT	NT	NT	NT	NT	NT
6PT3UA		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	-	-	-	-	-	-	-	-
6RDLLC		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
6XH8NM		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14

TABLE 5

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
6ZL29L		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
72YY4C		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
73AVKA		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
73Z72P		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	NR	NR	NR	NR	NR	NR	NR	NR
76JQH7		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	-	-	-	-	-	-	-	-
77BK3Z		Yfiler®							
	2	16	12-14	13	28	22	10	11	14
	3	16	12-14	13	28	22	10	11	14
7882CC		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
78LWPP		Yfiler®							
	1	NR	NR	NR	NR	NR	NR	NR	NR
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	NR	NR	NR	NR	NR	NR	NR	NR
79FJAF		PowerPlex®Y							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
7DQRC6		PowerPlex® Fusion							
	2						10		
	3						10		
7HEFWQ		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
7MTZ6D		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
7VB862		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
7YEXH9		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
82B49M		Yfiler®							
	1	-	-	-	-	-	-	-	-
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	-	-	-	-	-	-	-	-
833CUU		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14

TABLE 5

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
83CJJH		Yfiler®								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
88LYC9		Yfiler®								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
8CARVQ		Yfiler®								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
	4	ND	ND	ND	ND	ND	ND	ND	ND	
8ET2U3		Yfiler®								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
8F4YWY		Fusion								
	2						10			
	3						10			
8KARRP		PowerPlex®Y								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
8PV7ZV		Yfiler®								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
8QFUMB		Yfiler®								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
8R2PXX		Yfiler®								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
8W2UYG		Yfiler®								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
8W2VXB		Yfiler®								
	1	NR	NR	NR	NR	NR	NR	NR	NR	
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
93JMML		Yfiler®								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
99CHVK		Yfiler®								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
99WN7R		PowerPlex®Y								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
9AM4CB		Yfiler®								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
9EPR9W										
	2						10			
	3						10			

TABLE 5

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
9JBH2X		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
9JHUEG		PowerPlex®Y							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
9NXF98		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
9PM7FZ		Yfiler®							
	1	NR	NR	NR	NR	NR	NR	NR	NR
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
9RDR46		PowerPlex®Y							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
9W7YLD		PowerPlex®Y							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
9WQTYN		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
9XD2LA		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
A2MM6Z		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
ADTWZD		PowerPlex®Y							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
AK9FHR		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
AM3AAU		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
AP228L		Yfiler®							
	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AQ648R		Yfiler®							
	1	NR	NR	NR	NR	NR	NR	NR	NR
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	NR	NR	NR	NR	NR	NR	NR	NR
ATTCVU		Yfiler®							
	1	-	-	-	-	-	-	-	-
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	-	-	-	-	-	-	-	-



TABLE 5

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
AUG3EW		Yfiler®							
	1	NR	NR	NR	NR	NR	NR	NR	NR
	2	14	13	22	28	17	16	12,14	14
	3	14	13	22	28	17	16	12,14	14
AZ2DB2	4	NR	NR	NR	NR	NR	NR	NR	NR
		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
AZLWDY	4	ND	ND	ND	ND	ND	ND	ND	ND
		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
BCDWPG		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
		Yfiler®							
BD4LUV	1	NR	NR	NR	NR	NR	NR	NR	NR
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	NR	NR	NR	NR	NR	NR	NR	NR
BDCPZE		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
		Fusion							
BEHETD	1						No Results		
	2						10		
	3						10		
	4						No Results		
BFD3ZZ		PowerPlex®Y							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
		PowerPlex®Y							
BHQHV3	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
BHZJPN	3	16	12,14	13	28	22	10	11	14
		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
BJ34U4		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
		PowerPlex® Y23							
BJMURV	1	-	-	-	-	-	-	-	-
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	-	-	-	-	-	-	-	-
BKYQ7J		Yfiler®							
	1	NT	NT	NT	NT	NT	NT	NT	NT
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
BQZZBE	4	NT	NT	NT	NT	NT	NT	NT	NT
		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14

TABLE 5

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
BTND3G		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
BTPDUX		PowerPlex® Y23							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
BV63PE		PowerPlex®Y							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
BVNJHB		PowerPlex® Fusion							
	2						10		
	3						10		
BZJ4Y7		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
C9CYZU		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
CKHTRQ		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
CPMKLK		Yfiler®							
	1	-	-	-	-	-	-	-	-
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	-	-	-	-	-	-	-	-
CVQQ7Z		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	-	-	-	-	-	-	-	-
D36P88		Yfiler®							
	1	no result	no result	no result	no result	no result	no result	no result	no result
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	no result	no result	no result	no result	no result	no result	no result	no result
DE9H8H		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
DEDTZV		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
DNMXDL		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
DYLFFF		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
E2VZT2		Yfiler®							
	1	NR	NR	NR	NR	NR	NR	NR	NR
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	NR	NR	NR	NR	NR	NR	NR	NR

TABLE 5

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
E3BCMB		Yfiler®								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
E43TUL		PowerPlex® Y23								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
EDC743		PowerPlex®Y								
	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
	4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
EJQV6A		Yfiler®								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
ET6XRJ		Yfiler®								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
EV2GWB		Yfiler®								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
EVFW2H		Yfiler®								
	1	NR	NR	NR	NR	NR	NR	NR	NR	
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
	4	NR	NR	NR	NR	NR	NR	NR	NR	
EYCHV9		Yfiler®								
	1	nsd	nsd	nsd	nsd	nsd	nsd	nsd	nsd	
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
	4	nsd	nsd	nsd	nsd	nsd	nsd	nsd	nsd	
EZE33W		Yfiler®								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
EZP2TK		Yfiler®								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
F2FM22		PowerPlex®Y								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
FC8TR7		Yfiler®								
	1	NR	NR	NR	NR	NR	NR	NR	NR	
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
	4	NR	NR	NR	NR	NR	NR	NR	NR	
FHRAZ		Yfiler®								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
FKNRL6		Yfiler®								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
FP3KF4		PowerPlex®Y								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	

TABLE 5

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
FQ64WT		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	ND	ND	ND	ND	ND	ND	ND	ND
FY7PBV		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
G3U9FP		y23							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
GDWMJW		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
GE6WJR		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	-	-	-	-	-	-	-	-
GHHNEF		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
GJ47VE		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
GKHG2Y		Y23							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
GMKF3Q		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	-	-	-	-	-	-	-	-
GRTP6T		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
H4Z3L9		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	ND	ND	ND	ND	ND	ND	ND	ND
H8AKDA		Yfiler®							
	2	16	12-14	13	28	22	10	11	14
	3	16	12-14	13	28	22	10	11	14
HGXEJT		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
HMHW4U		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
HNA29M		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	-	-	-	-	-	-	-	-
HTPNQX		PowerPlex® Y23							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14

TABLE 5

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
HVLB7J		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	ND	ND	ND	ND	ND	ND	ND	ND
HZMBT7		PowerPlex®Y							
	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
J4GNQH		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
JCQYBG		Yfiler®							
	1	NR	NR	NR	NR	NR	NR	NR	NR
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
JCVH9K		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	NR	NR	NR	NR	NR	NR	NR	NR
JD9TB2		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	NR	NR	NR	NR	NR	NR	NR	NR
JRVA8E		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	NR	NR	NR	NR	NR	NR	NR	NR
JRZUHW	1						-		
	2						10		
	3						10		
	4						-		
JTFCKD		Yfiler®							
	1	No Analysis	No Analysis	No Analysis	No Analysis	No Analysis	No Analysis	No Analysis	No Analysis
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
JYKHAZ		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	No Analysis	No Analysis	No Analysis	No Analysis	No Analysis	No Analysis	No Analysis	No Analysis
K7P362		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	NR	NR	NR	NR	NR	NR	NR	NR
K94URW		Yfiler®							
	1	NR	NR	NR	NR	NR	NR	NR	NR
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
KBQGDV		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	NR	NR	NR	NR	NR	NR	NR	NR
KDALJG		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	NR	NR	NR	NR	NR	NR	NR	NR

TABLE 5

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
KDLX76		Yfiler®							
	1	NR	NR	NR	NR	NR	NR	NR	NR
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
KNRAP2	4	No Result (NR)	NR	NR	NR	NR	NR	NR	NR
		PowerPlex®Y							
L67LA7	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
L99ACZ		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
LGG6NA	3	16	12,14	13	28	22	10	11	14
		Yfiler®							
	1	-	-	-	-	-	-	-	-
	2	16	12,14	13	28	22	10	11	14
LL9DZF	3	16	12,14	13	28	22	10	11	14
	4	-	-	-	-	-	-	-	-
LLEW4		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
LME2ZD	3	16	12,14	13	28	22	10	11	14
	1	NR	NR	NR	NR	NR	NR	NR	NR
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
LYKPJN	4	NR	NR	NR	NR	NR	NR	NR	NR
		Yfiler®							
M2XRZG	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
M6JGJ6		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
MAJUDA	3	16	12,14	13	28	22	10	11	14
		Yfiler®							
MFC8LC	1	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank
MGM4TQ		PowerPlex®Y							
	2	16	12,14	13	28	22	10	11	14
MGX7FP	3	16	12,14	13	28	22	10	11	14
		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14

TABLE 5

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
MJ6UTM		Y23								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
MKZYA8		Yfiler®								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
MNHQJH	4	-	-	-	-	-	-	-	-	
		Yfiler®								
	1	-	-	-	-	-	-	-	-	
	2	16	12,14	13	28	22	10	11	14	
MPX92L	3	16	12,14	13	28	22	10	11	14	
	4	-	-	-	-	-	-	-	-	
		PowerPlex®Y								
	2	16	12,14	13	28	22	10	11	14	
MR9397	3	16	12,14	13	28	22	10	11	14	
		PowerPlex®Y								
MRRZGE	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
MRRZGE		Yfiler®								
	1	-	-	-	-	-	-	-	-	
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
MWTEFV	4	-	-	-	-	-	-	-	-	
		PowerPlex®Y								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
MY3AAZ		Yfiler®								
	2	16	12-14	13	28	22	10	11	14	
N6XAKU	3	16	12-14	13	28	22	10	11	14	
		PowerPlex®Y								
N8MRVY	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
NCYLMP		Yfiler®								
	1	NA	NA	NA	NA	NA	NA	NA	NA	
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
NDCK98	4	NA	NA	NA	NA	NA	NA	NA	NA	
		PowerPlex® Fusion								
	1						-			
	2						10			
NM8NKV	3						10			
	4						-			
		Yfiler®								
	1	NR	NR	NR	NR	NR	NR	NR	NR	
NMEPWU	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
	4	NR	NR	NR	NR	NR	NR	NR	NR	
NMEPWU		Fusion								
	2						10			
	3						10			
NMEPWU		Yfiler®								
	1	-	-	-	-	-	-	-	-	
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	

TABLE 5

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
NUMBHQ		PowerPlex®Y							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
NUXZW6		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
NWEYQR		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
NZKMQP		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
NZXA4H		Yfiler®							
	1	-	-	-	-	-	-	-	-
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	-	-	-	-	-	-	-	-
P8ZTZ2		Yfiler®							
	1	-	-	-	-	-	-	-	-
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	-	-	-	-	-	-	-	-
PDKZBE		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
PF4BFC		Yfiler®							
	1	NR	NR	NR	NR	NR	NR	NR	NR
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	NR	NR	NR	NR	NR	NR	NR	NR
PF96CY		PowerPlex®Y							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
PGRWKU		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
PLRJFK		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
PNAADV		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
PPME2B		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
PREFDE		PowerPlex®Y							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
PRQMB9		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
PTEGCG		Yfiler®							
	3	16	12,14	13	28	22	10	11	14



TABLE 5

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
PTJRGZ		Yfiler®								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
PU4EHG		Yfiler®								
	1	NR	NR	NR	NR	NR	NR	NR	NR	
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
	4	NR	NR	NR	NR	NR	NR	NR	NR	
PZCZLY		Yfiler®								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
Q2TKFM		PowerPlex® Y23								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
QBVYX4		Yfiler®								
	1	-	-	-	-	-	-	-	-	
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
	4	-	-	-	-	-	-	-	-	
QFZQVF		Yfiler®								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
QL96VC		Yfiler®								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
QPDN2J		Yfiler®								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
	4	-	-	-	-	-	-	-	-	
QTJZB7		Yfiler®								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
QVYFED		Yfiler®								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
QZ9UUK								10		
	3							10		
RAEYKG		Yfiler®								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
RB4GCC		PowerPlex®Y								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
RFCCVG		Yfiler®								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
RKVP2Y								Fusion		
	1							-		
	2							10		
	3							10		
	4							-		

TABLE 5

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
RLDQDC		Yfiler®								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
RLDVME		Yfiler®								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
RNXMWV		Yfiler®								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
RYKPBB		Yfiler®								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
RYZ3MZ		Yfiler®								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
T2EGD9		Yfiler®								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
T2EYBQ		Yfiler®								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
T42GJQ		Fusion								
	1						-			
	2						10			
	3						10			
	4						-			
T9F2XR		Yfiler®								
	1	-	-	-	-	-	-	-	-	
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
	4	-	-	-	-	-	-	-	-	
TA9Y6Y		Yfiler®								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
TEJ8BA		Yfiler®								
	1	NR	NR	NR	NR	NR	NR	NR	NR	
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
	4	NR	NR	NR	NR	NR	NR	NR	NR	
THVN3F		PowerPlex® Y23								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
THZJ3J		Yfiler®								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
TJC97G		Yfiler®								
	1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
	4	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
TLWF8P		PowerPlex®Y								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	

TABLE 5

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
TQ3JV8		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
TVR4P3		Yfiler®							
	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
TXML6A	4	NIR	NIR	NIR	NIR	NIR	NIR	NIR	NIR
		Yfiler®							
	1	-	-	-	-	-	-	-	-
	2	16	12,14	13	28	22	10	11	14
U2UN3X	3	16	12,14	13	28	22	10	11	14
	4	-	-	-	-	-	-	-	-
		PowerPlex® Fusion							
	2						10		
U3NF8M	3						10		
		Yfiler®							
U46FLB	3	16	12,14	13	28	22	10	11	14
		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
U6T4KL	3	16	12,14	13	28	22	10	11	14
		Yfiler®							
	1	-	-	-	-	-	-	-	-
UDN33U	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	-	-	-	-	-	-	-	-
		PowerPlex® Fusion							
UGKL4T	1						No Results		
	2						10		
	3						10		
	4						No Results		
UKZ9EC		PowerPlex® Y							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
UMLYRQ		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
UN6TTC	3	16	12,14	13	28	22	10	11	14
		PowerPlex® Y23							
UVKWR6	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
V99TF3		Yfiler®							
	1	NR	NR	NR	NR	NR	NR	NR	NR
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
V99TF3	4	NR	NR	NR	NR	NR	NR	NR	NR
		PowerPlex® Y							
V99TF3	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14

TABLE 5

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
V9BHP8		Yfiler®								
	1	-	-	-	-	-	-	-	-	
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
VCJ47C	4	-	-	-	-	-	-	-	-	
		PowerPlex®Y								
VE3K6B	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
VENPQ4	4	-	-	-	-	-	-	-	-	
		PowerPlex® Y23								
	2	16	12,14	13	28	22	10	11	14	
VMPVW7	3	16	12,14	13	28	22	10	11	14	
		Yfiler®								
VQRMDK	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
VT7HB4		Yfiler®								
	2	16	12,14	13	28	22	10	11	14	
VWVEM3	3	16	12,14	13	28	22	10	11	14	
	4	-	-	-	-	-	-	-	-	
VX9A3U		Yfiler®								
	2	16	12,14	13	28	22	10	11	14	
VXCURH	3	16	12,14	13	28	22	10	11	14	
		Yfiler®								
W2WH9T	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
W47KB7		Yfiler®								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
WA24V3	4	ND	ND	ND	ND	ND	ND	ND	ND	
		Yfiler®								
	1	-	-	-	-	-	-	-	-	
WAZA4A	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	
	4	NR	NR	NR	NR	NR	NR	NR	NR	
		Yfiler®								
WDANC9	1	NT	NT	NT	NT	NT	NT	NT	NT	
		PowerPlex®Y								
	2	16	12,14	13	28	22	10	11	14	
	3	16	12,14	13	28	22	10	11	14	

TABLE 5

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
WDXPJK		Yfiler®							
	1	None	None	None	None	None	None	None	None
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
WJQYTX	4	None	None	None	None	None	None	None	None
		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
WZ8ZKE		PowerPlex®Y							
	2	16	12,14	13	28	22	10	11	14
X3VU8R	3	16	12,14	13	28	22	10	11	14
		Yfiler®							
X7MTW3	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
XATDGB		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
XFJXEP		PowerPlex®Y							
	2	16	12,14	13	28	22	10	11	14
XHMPE7	3	16	12,14	13	28	22	10	11	14
		Yfiler®							
	1	-	-	-	-	-	-	-	-
	2	16	12,14	13	28	22	10	11	14
XJYWJZ	3	16	12,14	13	28	22	10	11	14
	4	-	-	-	-	-	-	-	-
		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
XQ2BPV	3	16	12,14	13	28	22	10	11	14
		Yfiler®							
	1	-	-	-	-	-	-	-	-
	2	16	12,14	13	28	22	10	11	14
XX8FUR	3	16	12,14	13	28	22	10	11	14
	4	-	-	-	-	-	-	-	-
		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
Y3NAH4	3						10		
							10		
YHHPNP		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
YJAL2X	3	16	12,14	13	28	22	10	11	14
		Yfiler®							
YXJ9RN	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
		Yfiler®							
	1	-	-	-	-	-	-	-	-
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	-	-	-	-	-	-	-	-

TABLE 5

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
Z3V89J		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
Z4DT33		PowerPlex®Y							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
Z4RUGG		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
Z7PJ9D		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
Z8KYUV		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
Z8PEHF		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
ZAYBA4		Yfiler®							
	1	NR	NR	NR	NR	NR	NR	NR	NR
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	NR	NR	NR	NR	NR	NR	NR	NR
ZDPVET		PowerPlex®Y							
	1	NT	NT	NT	NT	NT	NT	NT	NT
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	NT	NT	NT	NT	NT	NT	NT	NT
ZEAWAWA		PowerPlex® Y23							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
ZJK3FM		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	NR	NR	NR	NR	NR	NR	NR	NR
ZKFYA4		Yfiler®							
	1	-	-	-	-	-	-	-	-
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	-	-	-	-	-	-	-	-
ZMG9WR		Yfiler®							
	1	NR	NR	NR	NR	NR	NR	NR	NR
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	NR	NR	NR	NR	NR	NR	NR	NR
ZMUNYB		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
ZPWWM7		PowerPlex®Y							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
ZQT9QL		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
	4	NSD	NSD	NSD	NSD	NSD	NSD	NSD	NSD

TABLE 5

WebCode	Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
ZV2PZA		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14
ZY9M2J		Yfiler®							
	2	16	12,14	13	28	22	10	11	14
	3	16	12,14	13	28	22	10	11	14

Results in brackets "[ ]" indicate minor or weaker alleles.  
 See Additional Comments (Table 10) for laboratory specific notation

# YSTR Results - Part II

TABLE 6

WebCode	Item	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS635	Y GATA H4
23HM4M	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
23RPH8	2	15	8	12					
	3	15	8	12					
29LN9N	1	No results	No results	No results	No results	No results	No results	No results	No results
	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	No results	No results	No results	No results	No results	No results	No results	No results
29YKG2	2	15	8	12	17	14	17	<19	11
	3	15	8	12	17	14	17	<19	11
29YPR4	2	15	8	12	17	14	17	<19	11
	3	15	8	12	17	14	17	<19	11
2AAM6L	2	15	8	12	17	14	17	<20	11
2BF7NJ	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
2C3XBU	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
2CGTQM	2	15	8	12	17	14	17	<19	11
	3	15	8	12	17	14	17	<19	11
2FUU8F	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
	4	NIR	NIR	NIR	NIR	NIR	NIR	NIR	NIR
2HVUMZ	2	15	8	12	17	14	17	INC	11
	3	15	8	12	17	14	17	INC	11
	4	NR	NR	NR	NR	NR	NR	NR	NR
2KADN9	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
2KR4V8	2	15	8	12	17	14	17	<19	11
	3	15	8	12	17	14	17	<19	11
2P6XYJ	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
2U2JR8	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
2VLM77	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
36RVDJ	2	15	8	12	17	14	17	<19	11
	3	15	8	12	17	14	17	<19	11
3BEMLC	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
3C7RUE	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
3GHJ98	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11



TABLE 6

WebCode	Item	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS635	Y GATA H4
3PBD4X	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
3RKUH2	2	15	8	12					
	3	15	8	12					
3YFZ66	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
42MLKH	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
47TF7D	1								
	2								
	3								
	4								
4ATLU4	2	15	8	12	17	14	17	20<	11
	3	15	8	12	17	14	17	20<	11
4CX6QQ	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
4ETPW4	1	-	-	-	-	-	-	-	-
	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
	4	-	-	-	-	-	-	-	-
4GUPUB	2	15	8	12					
	3	15	8	12					
4LJFE	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
4LNTMU	1	NA	NA	NA	NA	NA	NA	NA	NA
	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
	4	NA	NA	NA	NA	NA	NA	NA	NA
4Q3CYA	2	15	8	12					
	3	15	8	12					
4UA2W4	1	-	-	-	N/A	N/A	N/A	N/A	N/A
	2	15	8	12	N/A	N/A	N/A	N/A	N/A
	3	15	8	12	N/A	N/A	N/A	N/A	N/A
	4	-	-	-	N/A	N/A	N/A	N/A	N/A
64RFXT	1	-	-	-	-	-	-	-	-
	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	-	-	-	-	-	-	-	-
6698CN	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
66GUGC	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
66KCJG	1	-	-	-	-	-	-	-	-
	2	15	8	12	17	14	17	INC	11
	3	15	8	12	17	14	17	INC	11
	4	-	-	-	-	-	-	-	-
69HYX9	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11

TABLE 6

WebCode	Item	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS635	Y GATA H4
6APC9X	2								
	3								
6EUNWB	2	15	8	12	17	14	17	<19	11
	3	15	8	12	17	14	17	<19	11
6L68TH	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
6MGZH4	1	NT	NT	NT	NT	NT	NT	NT	NT
	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	NT	NT	NT	NT	NT	NT	NT	NT
6PGABT	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
6PT3UA	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
	4	-	-	-	-	-	-	-	-
6RDLLC	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
6XH8NM	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
6ZL29L	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
72YY4C	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
73AVKA	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
73Z72P	2	15	8	12	17	14	17	17/<20	11
	3	15	8	12	17	14	17	17/<20	11
	4	NR	NR	NR	NR	NR	NR	NR	NR
76JQH7	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	-	-	-	-	-	-	-	-
77BK3Z	2	15	8	12	17	14	17	<19	11
	3	15	8	12	17	14	17	<19	11
7882CC	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
78LWPP	1	NR	NR	NR	NR	NR	NR	NR	NR
	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
	4	NR	NR	NR	NR	NR	NR	NR	NR
79FJAF	2	15	8	12					
	3	15	8	12					
7DQRC6	2								
	3								
7HEFWQ	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
7MTZ6D	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11

TABLE 6

WebCode	Item	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS635	Y GATA H4
7VB862	2	15	8	12	17	14	17	<19	11
	3	15	8	12	17	14	17	<19	11
7YEXH9	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
82B49M	1	-	-	-	-	-	-	-	-
	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	-	-	-	-	-	-	-	-
833CUU	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
83CJH	2	15	8	12	17	14	17	17/<20	11
	3	15	8	12	17	14	17	17/<20	11
88LYC9	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
8CARVQ	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	ND	ND	ND	ND	ND	ND	ND	ND
8ET2U3	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
8F4YWY	2								
	3								
8KARRP	2	15	8	12					
	3	15	8	12					
8PV7ZV	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
8QFUMB	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
8R2PXK	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	ND	ND	ND	ND	ND	ND	ND	ND
8W2UYG	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
8W2VXB	1	NR	NR	NR	NR	NR	NR	NR	NR
	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	NR	NR	NR	NR	NR	NR	NR	NR
93JMML	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
99CHVK	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
99WN7R	2	15	8	12					
	3	15	8	12					
9AM4CB	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
9EPR9W	2								
	3								

TABLE 6

WebCode	Item	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS635	Y GATA H4
9JBH2X	2	15	8	12	17	14	17	<19	11
	3	15	8	12	17	14	17	<19	11
9JHUEG	2	15	8	12					
	3	15	8	12					
9NXF98	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
9PM7FZ	1	NR	NR	NR	NR	NR	NR	NR	NR
	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
	4	NR	NR	NR	NR	NR	NR	NR	NR
9RDR46	2	15	8	12					
	3	15	8	12					
9W7YLD	2	15	8	12					
	3	15	8	12					
9WQTYN	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
9XD2LA	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
A2MM6Z	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
ADTWZD	2	15	8	12					
	3	15	8	12					
AK9FHR	2	15	8	12	17	14	17	INC	11
	3	15	8	12	17	14	17	INC	11
AM3AAU	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
AP228L	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AQ648R	1	NR	NR	NR	NR	NR	NR	NR	NR
	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	NR	NR	NR	NR	NR	NR	NR	NR
ATTCVU	1	-	-	-	-	-	-	-	-
	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	-	-	-	-	-	-	-	-
AUG3EW	1	NR	NR	NR	NR	NR	NR	NR	NR
	2	10	12	<20	11	11	15	8	17
	3	10	12	<20	11	11	15	8	17
	4	NR	NR	NR	NR	NR	NR	NR	NR
AZ2DB2	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	ND	ND	ND	ND	ND	ND	ND	ND
AZLWDY	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11

TABLE 6

WebCode	Item	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS635	Y GATA H4
BCDWPG	2	15	8	12	17	14	17	OL	11
	3	15	8	12	17	14	17	OL	11
BD4LUV	1	NR	NR	NR	NR	NR	NR	NR	NR
	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
	4	NR	NR	NR	NR	NR	NR	NR	NR
BDCPZE	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
BEHETD	1								
	2								
	3								
	4								
BFD3ZZ	2	15	8	12					
	3	15	8	12					
BHQHV3	2	15	8	12					
	3	15	8	12					
BHZJPN	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
BJ34U4	2	15	8	12	17	14	17	<19	11
	3	15	8	12	17	14	17	<19	11
BJMURV	1	-	-	-	-	-	-	-	-
	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
	4	-	-	-	-	-	-	-	-
BKYQ7J	1	NT	NT	NT	NT	NT	NT	NT	NT
	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
	4	NT	NT	NT	NT	NT	NT	NT	NT
BQZZBE	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
BTND3G	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
BTPDUX	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
BV63PE	2	15	8	12					
	3	15	8	12					
BVNJHB	2								
	3								
BZJ4Y7	2	15	8	12	17	14	17	<19	11
	3	15	8	12	17	14	17	<19	11
C9CYZU	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
CKHTRQ	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
CPMKLK	1	-	-	-	-	-	-	-	-
	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
	4	-	-	-	-	-	-	-	-

TABLE 6

WebCode	Item	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS635	Y GATA H4
CVQQ7Z	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	-	-	-	-	-	-	-	-
D36P88	1	no result	no result	no result	no result	no result	no result	no result	no result
	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	no result	no result	no result	no result	no result	no result	no result	no result
DE9H8H	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
DEDTZV	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
DNMXDL	2	15	8	12	17	14	17	<19	11
	3	15	8	12	17	14	17	<19	11
DYLFFF	2	15	8	12	17	14	17	OL	11
	3	15	8	12	17	14	17	OL	11
E2VZT2	1	NR	NR	NR	NR	NR	NR	NR	NR
	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	NR	NR	NR	NR	NR	NR	NR	NR
E3BCMB	2	15	8	12	17	14	17	<19	11
	3	15	8	12	17	14	17	<19	11
E43TUL	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
EDC743	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2	15	8	12	N/A	N/A	N/A	N/A	N/A
	3	15	8	12	N/A	N/A	N/A	N/A	N/A
	4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EJQV6A	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
ET6XRJ	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
EV2GWB	2	15	8	12	17	14	17	<19	11
	3	15	8	12	17	14	17	<19	11
EVFW2H	1	NR	NR	NR	NR	NR	NR	NR	NR
	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	NR	NR	NR	NR	NR	NR	NR	NR
EYCHV9	1	nsd	nsd	nsd	nsd	nsd	nsd	nsd	nsd
	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	nsd	nsd	nsd	nsd	nsd	nsd	nsd	nsd
EZE33W	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
EZP2TK	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
F2FM22	2	15	8	12					
	3	15	8	12					

TABLE 6

WebCode	Item	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS635	Y GATA H4
FC8TR7	1	NR	NR	NR	NR	NR	NR	NR	NR
	2	15	8	12	17	14	17	<20 (17)	11
	3	15	8	12	17	14	17	<20 (17)	11
	4	NR	NR	NR	NR	NR	NR	NR	NR
FHERAZ	2	15	8	12	17	14	17		11
	3	15	8	12	17	14	17		11
FKNRL6	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
FP3KF4	2	15	8	12					
	3	15	8	12					
FQ64WT	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	ND	ND	ND	ND	ND	ND	ND	ND
FY7PBV	2	15	8	12	17	14	17		11
	3	15	8	12	17	14	17		11
G3U9FP	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
GDWMJW	2	15	8	12	17	14	17	OL (234.22)	11
	3	15	8	12	17	14	17	OL (234.27)	11
GE6WJR	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	-	-	-	-	-	-	-	-
GHHNEF	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
GJ47VE	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
GKHG2Y	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
GMKF3Q	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	-	-	-	-	-	-	-	-
GRTP6T	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
H4Z3L9	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	ND	ND	ND	ND	ND	ND	ND	ND
H8AKDA	2	15	8	12	17	14	17	17/<20	11
	3	15	8	12	17	14	17	17/<20	11
HGXEJT	2	15	8	12	17	14	17		11
	3	15	8	12	17	14	17		11
HMHW4U	2	15	8	12	17	14	17	<20	11
HNA29M	2	15	8	12	17	14	17	>20	11
	3	15	8	12	17	14	17	>20	11
	4	-	-	-	-	-	-	-	-
HTPNQX	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11

TABLE 6

WebCode	Item	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS635	Y GATA H4
HVLB7J	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	ND	ND	ND	ND	ND	ND	ND	ND
HZMBT7	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2	15	8	12	N/A	N/A	N/A	N/A	N/A
	3	15	8	12	N/A	N/A	N/A	N/A	N/A
	4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
J4GNQH	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
JCQYBG	1	NR	NR	NR	NR	NR	NR	NR	NR
	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	NR	NR	NR	NR	NR	NR	NR	NR
JCVH9K	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
JD9TB2	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
JRVA8E	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
JRZUHW	1								
	2								
	3								
	4								
JTFCKD	1	No Analysis	No Analysis	No Analysis	No Analysis	No Analysis	No Analysis	No Analysis	No Analysis
	2	15	8	12	17	14	17	<19	11
	3	15	8	12	17	14	17	<19	11
	4	No Analysis	No Analysis	No Analysis	No Analysis	No Analysis	No Analysis	No Analysis	No Analysis
JYKHAZ	2	15	8	12	17	14	17	<20	11
K7P362	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
K94URW	1	NR	NR	NR	NR	NR	NR	NR	NR
	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	NR	NR	NR	NR	NR	NR	NR	NR
KBQGDV	2	15	8	12	17	14	17	NR	11
	3	15	8	12	17	14	17	NR	11
KDALJG	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
KDLX76	1	NR	NR	NR	NR	NR	NR	NR	NR
	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
	4	NR	NR	NR	NR	NR	NR	NR	NR
KNRAP2	2	15	8	12					
	3	15	8	12					
L67LA7	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
L99ACZ	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11



TABLE 6

WebCode	Item	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS635	Y GATA H4
LGG6NA	1	-	-	-	-	-	-	-	-
	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	-	-	-	-	-	-	-	-
LL9DZF	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
LLEW4	1	NR	NR	NR	NR	NR	NR	NR	NR
	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	NR	NR	NR	NR	NR	NR	NR	NR
LME2ZD	2	15	8	12	17	14	17	<19	11
	3	15	8	12	17	14	17	<19	11
LYKPJN	2	15	8	12	17	14	17	<19	11
	3	15	8	12	17	14	17	<19	11
M2XRZG	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
M6JGJ6	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
MAJUDA	1	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank
	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank
MFC8LC	2	15	8	12					
	3	15	8	12					
MGM4TQ	2	15	8	12	17	14	17		11
	3	15	8	12	17	14	17		11
MGX7FP	2	15	8	12	17	14	17		11
	3	15	8	12	17	14	17		11
MJ6UTM	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
MKZYA8	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
	4	-	-	-	-	-	-	-	-
MNHQJH	1	-	-	-	-	-	-	-	-
	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
	4	-	-	-	-	-	-	-	-
MPX92L	2	15	8	12					
	3	15	8	12					
MR9397	2	15	8	12					
	3	15	8	12					
MRRZGE	1	-	-	-	-	-	-	-	-
	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	-	-	-	-	-	-	-	-
MWTEFV	2	15	8	12					
	3	15	8	12					

TABLE 6

WebCode	Item	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS635	Y GATA H4
MY3AAZ	2	15	8	12	17	14	17	17/<20	11
	3	15	8	12	17	14	17	17/<20	11
N6XAKU	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
N8MRVY	1	NA	NA	NA	NA	NA	NA	NA	NA
	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	NA	NA	NA	NA	NA	NA	NA	NA
NCYLMP	1								
	2								
	3								
	4								
NDCK98	1	NR	NR	NR	NR	NR	NR	NR	NR
	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
	4	NR	NR	NR	NR	NR	NR	NR	NR
NM8NKV	2								
	3								
NMEPWU	1	-	-	-	-	-	-	-	-
	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
NUMBHQ	2	15	8	12					
	3	15	8	12					
NUXZW6	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
NWEYQR	2	15	8	12	17	14	17	<19	11
	3	15	8	12	17	14	17	<19	11
NZKMQP	2	15	8	12	17	14	17	OL (234.10)	11
	3	15	8	12	17	14	17	OL (234.07)	11
NZXA4H	1	-	-	-	-	-	-	-	-
	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	-	-	-	-	-	-	-	-
P8ZTZ2	1	-	-	-	-	-	-	-	-
	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	-	-	-	-	-	-	-	-
PDKZBE	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
PF4BFC	1	NR	NR	NR	NR	NR	NR	NR	NR
	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
	4	NR	NR	NR	NR	NR	NR	NR	NR
PF96CY	2	15	8	12					
	3	15	8	12					
PGRWKU	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11

TABLE 6

WebCode	Item	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS635	Y GATA H4
PLRJFK	2	15	8	12	17	14	17		11
	3	15	8	12	17	14	17		11
PNAADV	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
PPME2B	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
PREFDE	2	15	8	12					
	3	15	8	12					
PRQMB9	2	15	8	12	17	14	17	OLA 17	11
	3	15	8	12	17	14	17	OLA 17	11
PTEGCG	3	15	8	12	17	14	17	<20	11
PTJRGZ	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
PU4EHG	1	NR	NR	NR	NR	NR	NR	NR	NR
	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
	4	NR	NR	NR	NR	NR	NR	NR	NR
PZCZLY	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
Q2TKFM	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
QBVYX4	1	-	-	-	-	-	-	-	-
	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
	4	-	-	-	-	-	-	-	-
QFZQVF	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
QL96VC	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
QPDN2J	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	-	-	-	-	-	-	-	-
QTJZB7	2	15	8	12	17	14	17	17 (<20)	11
	3	15	8	12	17	14	17	17 (<20)	11
QVYFED	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
QZ9UUK	2								
	3								
RAEYKG	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
RB4GCC	2	15	8	12					
	3	15	8	12					
RFCCVG	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11

TABLE 6

WebCode	Item	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS635	Y GATA H4
RKVP2Y	1								
	2								
	3								
	4								
RLDQDC	2	15	8	12	17	14	17	<19	11
	3	15	8	12	17	14	17	<19	11
RLDVME	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
RNXMWV	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
RYKPBB	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
RYZ3MZ	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
T2EGD9	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
T2EYBQ	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
T42GJQ	1								
	2								
	3								
	4								
T9F2XR	1	-	-	-	-	-	-	-	-
	2	15	8	12	17	14	17	INC	11
	3	15	8	12	17	14	17	INC	11
	4	-	-	-	-	-	-	-	-
TA9Y6Y	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
TEJ8BA	1	NR	NR	NR	NR	NR	NR	NR	NR
	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	NR	NR	NR	NR	NR	NR	NR	NR
THVN3F	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
THZJ3J	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
TJC97G	1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
TLWF8P	2	15	8	12					
	3	15	8	12					
TQ3JV8	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
TVR4P3	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
	4	NIR	NIR	NIR	NIR	NIR	NIR	NIR	NIR

TABLE 6

WebCode	Item	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS635	Y GATA H4
TXML6A	1	-	-	-	-	-	-	-	-
	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
	4	-	-	-	-	-	-	-	-
U2UN3X	2								
	3								
U3NF8M	3	15	8	12	17	14	17	<20	11
U46FLB	2	15	8	12	17	14	17	<19	11
	3	15	8	12	17	14	17	<19	11
U6T4KL	1	-	-	-	-	-	-	-	-
	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	-	-	-	-	-	-	-	-
UDN33U	1								
	2								
	3								
	4								
UGKL4T	2								
	3								
UKZ9EC	2	15	8	12					
	3	15	8	12					
UMLYRQ	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
UN6TTC	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
UVKWR6	1	NR	NR	NR	NR	NR	NR	NR	NR
	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
	4	NR	NR	NR	NR	NR	NR	NR	NR
V99TF3	2	15	8	12					
	3	15	8	12					
V9BHP8	1	-	-	-	-	-	-	-	-
	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	-	-	-	-	-	-	-	-
VCJ47C	2	15	8	12					
	3	15	8	12					
VE3K6B	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	-	-	-	-	-	-	-	-
VENPQ4	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
VMPVW7	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
VQRMDK	2	15	8	12	17	14	17	OLA (233.93)	11
	3	15	8	12	17	14	17	OLA (233.97)	11
VT7HB4	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11

TABLE 6

WebCode	Item	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS635	Y GATA H4
VWVEM3	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
	4	-	-	-	-	-	-	-	-
VX9A3U	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
VXCURH	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
W2WH9T	2	15	8	12	17	14	17	17/<20	11
	3	15	8	12	17	14	17	17/<20	11
W47KB7	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	ND	ND	ND	ND	ND	ND	ND	ND
WA24V3	1	-	-	-	-	-	-	-	-
	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	-	-	-	-	-	-	-	-
WAZA4A	1	NT	NT	NT	NT	NT	NT	NT	NT
	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	NR	NR	NR	NR	NR	NR	NR	NR
WDANC9	2	15	8	12					
	3	15	8	12					
WDXPK	1	None	None	None	None	None	None	None	None
	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	None	None	None	None	None	None	None	None
WJQYTX	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
WZ8ZKE	2	15	8	12					
	3	15	8	12					
X3VU8R	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
X7MTW3	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
XATDGB	2	15	8	12	17	14	17	<20	11
XFJXEP	2	15	8	12					
	3	15	8	12					
XHMPE7	1	-	-	-	-	-	-	-	-
	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	-	-	-	-	-	-	-	-
XJYWJZ	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
XQ2BPV	1	-	-	-	-	-	-	-	-
	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	-	-	-	-	-	-	-	-

TABLE 6

WebCode	Item	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS635	Y GATA H4
XX8FUR	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
Y3NAH4	2								
	3								
YHHPNP	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
YJAL2X	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
YXJ9RN	1	-	-	-	-	-	-	-	-
	2	15	8	12	17	14	17	inc.	11
	3	15	8	12	17	14	17	inc.	11
	4	-	-	-	-	-	-	-	-
Z3V89J	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
Z4DT33	2	15	8	12					
	3	15	8	12					
Z4RUGG	2	15	8	12	17	14	17	<20	11
Z7PJ9D	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
Z8KYUV	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
Z8PEHF	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
ZAYBA4	1	NR	NR	NR	NR	NR	NR	NR	NR
	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
	4	NR	NR	NR	NR	NR	NR	NR	NR
ZDPVET	1	NT	NT	NT	NT	NT	NT	NT	NT
	2	15	8	12	NT	NT	NT	NT	NT
	3	15	8	12	NT	NT	NT	NT	NT
	4	NT	NT	NT	NT	NT	NT	NT	NT
ZEWAWA	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
ZJK3FM	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
	4	NR	NR	NR	NR	NR	NR	NR	NR
ZKFYA4	1	-	-	-	-	-	-	-	-
	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11
	4	-	-	-	-	-	-	-	-
ZMG9WR	1	NR	NR	NR	NR	NR	NR	NR	NR
	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11
	4	NR	NR	NR	NR	NR	NR	NR	NR
ZMUNYB	2	15	8	12	17	14	17	<20	11
	3	15	8	12	17	14	17	<20	11

TABLE 6

WebCode	Item	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS635	Y GATA H4
ZPWWM7	2	15	8	12					
	3	15	8	12					
ZQT9QL	2	15	8	12	17	14	17	OL<20	11
	3	15	8	12	17	14	17	OL<20	11
	4	NSD	NSD	NSD	NSD	NSD	NSD	NSD	NSD
ZV2PZA	2	15	8	12	17	14	17	<19	11
	3	15	8	12	17	14	17	<19	11
ZY9M2J	2	15	8	12	17	14	17	17	11
	3	15	8	12	17	14	17	17	11

Results in brackets "[ ]" indicate minor or weaker alleles.  
 See Additional Comments (Table 10) for laboratory specific notations.



# Additional DNA Results

TABLE 7

Locus	WebCode	Item 1	Item 2	Item 3	Item 4
D10S1248	47TF7D	15	14,16	14,16	15
	66KCJG	15	14,16	14,16	15
	6APC9X	15,15	14,16	14,16	15,15
	7DQRC6	15	14,16	14,16	15
	8F4YWY	15,15	14,16	14,16	15,15
	9EPR9W	15,15	14,16	14,16	15,15
	BEHETD	15	14,16	14,16	15
	BVNJHB	15	14,16	14,16	15
	DEDTZV	15	14,16	14,16	15
	G3U9FP	15	14,16	14,16	15
	JRZUHW	15	14,16	14,16	15
	LNNVUT	15,15	14,16	14,16	15,15
	MJ6UTM	15,15	14,16	14,16	15,15
	N6XAKU	15	14,16	14,16	15
	NCYLMP	15	14,16	14,16	15
	NM8NKV	15	14,16	14,16	15
	QFZQVF	15	14,16	14,16	15
	QZ9UUK	15	14,16	14,16	15
	RAEYKG	15	14,16	14,16	15
	RKVP2Y	15	14,16	14,16	15
	T42GJQ	15	14,16	14,16	15
	T9F2XR	15	14,16	14,16	15
	THZJ3J	15	14,16	14,16	15
	U2UN3X	15	14,16	14,16	15
	UDN33U	15	14,16	14,16	15
	UGKL4T	15	14,16	14,16	15
	UN6TTC	15	14,16	14,16	15
	W2692W	15	14,16	14,16	15
	Y3NAH4	15,15	14,16	14,16	15,15
	YXJ9RN	15	14,16	14,16	15
	Z7PJ9D	15	14,16	14,16	15
ZEWAWA	15	14,16	14,16	15	
ZMUNYB	15	14,16	14,16	15	
D10S148	BTPDUX	15	14,16	14,16	15
D12S391	2YH6CK	20,20	17.1,23	17.1,23	20,20
	47TF7D	20	17.1,23	17.1,23	20
	4QZFQH	20,20	17.1,23	17.1,23	20,20
	4VXYRF	20,20	17.1,23	17.1,23	20,20

TABLE 7

Locus	WebCode	Item 1	Item 2	Item 3	Item 4
D12S391 cont'd	66KCJG	20	17.1,23	17.1,23	20
	69HYX9	20,20	17.1,23	17.1,23	20,20
	6APC9X	20,20	17.1,23	17.1,23	20,20
	6ZL29L	20,20	17.1,23	17.1,23	20,20
	7DQRC6	20	17.1,23	17.1,23	20
	8F4YWY	20,20	17.1,23	17.1,23	20,20
	9EPR9W	20,20	17.1,23	17.1,23	20,20
	ANYKA2	20,20	17.1,23	17.1,23	20,20
	BEHETD	20	17.1,23	17.1,23	20
	BTPDUX	20	17.1,23	17.1,23	20
	BVNJHB	20	17.1,23	17.1,23	20
	CHJUW7	20,20	17.1,23	17.1,23	20,20
	DEDTZV	20	17.1,23	17.1,23	20
	G3U9FP	20	17.1,23	17.1,23	20
	GRTP6T	20,20	17.1,23	17.1,23	20,20
	GUVDNZ	20,20	17.1,23	17.1,23	20,20
	JRZUHW	20	17.1,23	17.1,23	20
	KDV6RK	20,20	17.1,23	17.1,23	20,20
	L67LA7	20,20	17.1,23	17.1,23	20,20
	LNNVUT	20,20	17.1,23	17.1,23	20,20
	M62JYR	20,20	17.1,23	17.1,23	20,20
	MJ6UTM	20,20	17.1,23	17.1,23	20,20
	MKTG2M	20,20	17.1,23	17.1,23	20,20
	N6XAKU	20	17.1,23	17.1,23	20
	NCYLMP	20	17.1,23	17.1,23	20
	NM8NKV	20	17.1,23	17.1,23	20
	QFZQVF	20	17.1,23	17.1,23	20
	QZ9UUK	20	17.1,23	17.1,23	20
	RAEYKG	20	17.1,23	17.1,23	20
	RKVP2Y	20	17.1,23	17.1,23	20
	T42GJQ	20	17.1,23	17.1,23	20
	T9F2XR	20	17.1,23	17.1,23	20
	THZJ3J	20	17.1,23	17.1,23	20
U2UN3X	20	17.1,23	17.1,23	20	
U4KX6H	20,20	17.1,23	17.1,23	20,20	
UDN33U	20	17.1,23	17.1,23	20	
UGKL4T	20	17.1,23	17.1,23	20	
UN6TTC	20	17.1,23	17.1,23	20	
W2692W	20	17.1,23	17.1,23	20	
Y3NAH4	20,20	17.1,23	17.1,23	20,20	

TABLE 7

Locus	WebCode	Item 1	Item 2	Item 3	Item 4
D12S391 cont'd	YXJ9RN	20	17.1,23	17.1,23	20
	YZ7N79	20,20	17.1,23	17.1,23	20,20
	Z7PJ9D	20	17.1,23	17.1,23	20
	ZEAWAWA	20	17.1,23	17.1,23	20
	ZMUNYB	20	17.1,23	17.1,23	20
D1S1356	QZ9UUK	13,16	12,13	12,13	13,16
D1S1656	2YH6CK	13,16	12,13	12,13	13,16
	47TF7D	13,16	12,13	12,13	13,16
	4QZFQH	13,16	12,13	12,13	13,16
	4VXYRF	13,16	12,13	12,13	13,16
	66KCJG	13,16	12,13	12,13	13,16
	69HYX9	13,16	12,13	12,13	13,16
	6APC9X	13,16	12,13	12,13	13,16
	6ZL29L	13,16	12,13	12,13	13,16
	7DQRC6	13,16	12,13	12,13	13,16
	8F4YWY	13,16	12,13	12,13	13,16
	9EPR9W	13,16	12,13	12,13	13,16
	ANYKA2	13,16	12,13	12,13	13,16
	BEHETD	13,16	12,13	12,13	13,16
	BTPDUX	13,16	12,13	12,13	13,16
	BVNJHB	13,16	12,13	12,13	13,16
	CHJUW7	13,16	12,13	12,13	13,16
	DEDTZV	13,16	12,13	12,13	13,16
	G3U9FP	13,16	12,13	12,13	13,16
	GRTP6T	13,16	12,13	12,13	13,16
	GUVNDZ	13,16	12,13	12,13	13,16
	JRZUHW	13,16	12,13	12,13	13,16
	KDV6RK	13,16	12,13	12,13	13,16
	L67LA7	13,16	12,13	12,13	13,16
	LNNVUT	13,16	12,13	12,13	13,16
	M62JYR	13,16	12,13	12,13	13,16
	MJ6UTM	13,16	12,13	12,13	13,16
	MKTG2M	13,16	12,13	12,13	13,16
N6XAKU	13,16	12,13	12,13	13,16	
NCYLMP	13,16	12,13	12,13	13,16	
NM8NKV	13,16	12,13	12,13	13,16	
QFZQVF	13,16	12,13	12,13	13,16	
RAEYKG	13,16	12,13	12,13	13,16	
T42GJQ	13,16	12,13	12,13	13,16	
T9F2XR	13,16	12,13	12,13	13,16	

TABLE 7

Locus	WebCode	Item 1	Item 2	Item 3	Item 4
DIS1656 cont'd	THZJ3J	13,16	12,13	12,13	13,16
	U2UN3X	13,16	12,13	12,13	13,16
	U4KX6H	13,16	12,13	12,13	13,16
	UDN33U	13,16	12,13	12,13	13,16
	UGKL4T	13,16	12,13	12,13	13,16
	UN6TTC	13,16	12,13	12,13	13,16
	W2692W	13,16	12,13	12,13	13,16
	Y3NAH4	13,16	12,13	12,13	13,16
	YXJ9RN	13,16	12,13	12,13	13,16
	YZ7N79	13,16	12,13	12,13	13,16
	Z7PJ9D	13,16	12,13	12,13	13,16
	ZEWAWA	13,16	12,13	12,13	13,16
	ZMUNYB	13,16	12,13	12,13	13,16
	DIS1686	RKVP2Y	13,16	12,13	12,13
D22S1045	47TF7D	11,17	11,16	11,16	11,17
	66KCJG	11,17	11,16	11,16	11,17
	6APC9X	11,17	11,16	11,16	11,17
	7DQRC6	11,17	11,16	11,16	11,17
	8F4YWY	11,17	11,16	11,16	11,17
	9EPR9W	11,17	11,16	11,16	11,17
	BEHETD	11,17	11,16	11,16	11,17
	BTPDUX	11,17	11,16	11,16	11,17
	BVNJHB	11,17	11,16	11,16	11,17
	DEDTZV	11,17	11,16	11,16	11,17
	G3U9FP	11,17	11,16	11,16	11,17
	JRZUHW	11,17	11,16	11,16	11,17
	LNNVUT	11,17	11,16	11,16	11,17
	MJ6UTM	11,17	11,16	11,16	11,17
	N6XAKU	11,17	11,16	11,16	11,17
	NCYLMP	11,17	11,16	11,16	11,17
	NM8NKV	11,17	11,16	11,16	11,17
	QFZQVF	11,17	11,16	11,16	11,17
	QZ9UUK	11,17	11,16	11,16	11,17
	RAEYKG	11,17	11,16	11,16	11,17
	RKVP2Y	11,17	11,16	11,16	11,17
	T42GJQ	11,17	11,16	11,16	11,17
	T9F2XR	11,17	11,16	11,16	11,17
	THZJ3J	11,17	11,16	11,16	11,17
	U2UN3X	11,17	11,16	11,16	11,17
	UDN33U	11,17	11,16	11,16	11,17

TABLE 7

Locus	WebCode	Item 1	Item 2	Item 3	Item 4
D22S1045 cont'd	UGKL4T	11,17	11,16	11,16	11,17
	UN6TTC	11,17	11,16	11,16	11,17
	W2692W	11,17	11,16	11,16	11,17
	Y3NAH4	11,17	11,16	11,16	11,17
	YXJ9RN	11,17	11,16	11,16	11,17
	Z7PJ9D	11,17	11,16	11,16	11,17
	ZEAWAWA	11,17	11,16	11,16	11,17
	ZMUNYB	11,17	11,16	11,16	11,17
D2S441	47TF7D	11.3,12	13,14	13,14	11.3,12
	66KCJG	11.3,12	13,14	13,14	11.3,12
	6APC9X	11.3,12	13,14	13,14	11.3,12
	7DGRC6	11.3,12	13,14	13,14	11.3,12
	8F4YWY	11.3,12	13,14	13,14	11.3,12
	9EPR9W	11.3,12	13,14	13,14	11.3,12
	BEHETD	11.3,12	13,14	13,14	11.3,12
	BTPDUX	11.3,12	13,14	13,14	11.3,12
	BVNJHB	11.3,12	13,14	13,14	11.3,12
	DEDTZV	11.3,12	13,14	13,14	11.3,12
	JRZUHW	11.3,12	13,14	13,14	11.3,12
	LNNVUT	11.3,12	13,14	13,14	11.3,12
	MJ6UTM	11.3,12	13,14	13,14	11.3,12
	N6XAKU	11.3,12	13,14	13,14	11.3,12
	NCYLMP	11.3,12	13,14	13,14	11.3,12
	NM8NKV	11.3,12	13,14	13,14	11.3,12
	QFZQVF	11.3,12	13,14	13,14	11.3,12
	QZ9UUK	11.3,12	13,14	13,14	11.3,12
	RAEYKG	11.3,12	13,14	13,14	11.3,12
	RKVP2Y	11.3,12	13,14	13,14	11.3,12
	T42GJQ	11.3,12	13,14	13,14	11.3,12
	T9F2XR	11.3,12	13,14	13,14	11.3,12
	THZJ3J	11.3,12	13,14	13,14	11.3,12
	U2UN3X	11.3,12	13,14	13,14	11.3,12
	UDN33U	11.3,12	13,14	13,14	11.3,12
	UGKL4T	11.3,12	13,14	13,14	11.3,12
	UN6TTC	11.3,12	13,14	13,14	11.3,12
	W2692W	11.3,12	13,14	13,14	11.3,12
	Y3NAH4	11.3,12	13,14	13,14	11.3,12
	YXJ9RN	11.3,12	13,14	13,14	11.3,12
	Z7PJ9D	11.3,12	13,14	13,14	11.3,12
	ZEAWAWA	11.3,12	13,14	13,14	11.3,12

TABLE 7

Locus	WebCode	Item 1	Item 2	Item 3	Item 4
D2S441 cont'd	ZMUNYB	11,3,12	13,14	13,14	11,3,12
D61043	4QZFQH	11,19	12,12	12,12	11,19
D6S1043	2YH6CK	11,19	12,12	12,12	11,19
	4VXYRF	11,19	12,12	12,12	11,19
	69HYX9	11,19	12,12	12,12	11,19
	6ZL29L	11,19	12,12	12,12	11,19
	ANYKA2	11,19	12,12	12,12	11,19
	CHJUW7	11,19	12,12	12,12	11,19
	GRTP6T	11,19	12,12	12,12	11,19
	GUVNDZ	11,19	12,12	12,12	11,19
	KDV6RK	11,19	12,12	12,12	11,19
	L67LA7	11,19	12,12	12,12	11,19
	M62JYR	11,19	12,12	12,12	11,19
	MKTG2M	11,19	12,12	12,12	11,19
	U4KX6H	11,19	12,12	12,12	11,19
	YZ7N79	11,19	12,12	12,12	11,19
DTS549	G3U9FP		13	13	
DYS391	T9F2XR	-	10	10	-
	ZEWAWA		10	10	
DYS481	4LJRFE		25	25	
	BTPDUX		25	25	
	E43TUL		25	25	
	G3U9FP		25	25	
	GKHG2Y		25	25	
	HTPNQX		25	25	
	MJ6UTM		25	25	
	N6XAKU		25	25	
	Q2TKFM		25	25	
	UN6TTC		25	25	
	VENPQ4		25	25	
	ZEWAWA		25	25	
DYS533	4LJRFE		12	12	
	BTPDUX		12	12	
	G3U9FP		12	12	
	GKHG2Y		12	12	
	HTPNQX		12	12	
	MJ6UTM		12	12	
	N6XAKU		12	12	
	Q2TKFM		12	12	

TABLE 7

Locus	WebCode	Item 1	Item 2	Item 3	Item 4
DYS533 cont'd	UN6TTC		12	12	
	VENPQ4		12	12	
	ZEWAWA		12	12	
DYS549	4LJRFE		13	13	
	BTPDUX		13	13	
	E43TUL		13	13	
	GKHG2Y		13	13	
	HTPNQX		13	13	
	MJ6UTM		13	13	
	N6XAKU		13	13	
	Q2TKFM		13	13	
	UN6TTC		13	13	
	VENPQ4		13	13	
	ZEWAWA		13	13	
	DYS570	4LJRFE		17	17
BTPDUX			17	17	
E43TUL			17	17	
G3U9FP			17	17	
GKHG2Y			17	17	
HTPNQX			17	17	
MJ6UTM			17	17	
N6XAKU			17	17	
Q2TKFM			17	17	
UN6TTC			17	17	
VENPQ4			17	17	
ZEWAWA			17	17	
DYS576	4LJRFE		18	18	
	BTPDUX		18	18	
	E43TUL		18	18	
	G3U9FP		18	18	
	GKHG2Y		18	18	
	HTPNQX		18	18	
	MJ6UTM		18	18	
	N6XAKU		18	18	
	Q2TKFM		18	18	
	UN6TTC		18	18	
	VENPQ4		18	18	
	ZEWAWA		18	18	
DYS643	4LJRFE		15	15	

TABLE 7

Locus	WebCode	Item 1	Item 2	Item 3	Item 4
DYS643 cont'd	BTPDUX		15	15	
	E43TUL		15	15	
	GKHG2Y		15	15	
	HTPNQX		15	15	
	MJ6UTM		15	15	
	N6XAKU		15	15	
	Q2TKFM		15	15	
	UN6TTC		15	15	
	VENPQ4		15	15	
	ZEWAWA		15	15	
F13A01	MJ6UTM	6,7	5,6	5,6	6,7
F13B	MJ6UTM	8,10	8,10	8,10	8,10
FESFPS	MJ6UTM	12,12	11,11	11,11	12,12
FGA	N7MQPV			(20.2)	
LPL	MJ6UTM	10,10	9,12	9,12	10,10
PENTA C	MJ6UTM	9,12	11,12	11,12	9,12
SE33	LNNVUT	16,28.2	17,19	17,19	16,28.2
	N6XAKU	16,28.2	17,19	17,19	16,28.2
VWA	N7MQPV				(19)



# Mitochondrial DNA Results

TABLE 8a - HVR I

Polymorphisms from Anderson Reference

	16031.0	16032.0	16039.0	16086.0	16147.0	16189.0	16193.1	16223.0	16248.0	16311.0	16315.0	16320.0	16323.0	16351.0	16355.0	16356.0	16380.0	16381.0	16519.0
<b>ITEM 1</b>																			
36LJHC						C				C						C			C
3VXCD						C				C						C			
6PYL7X						C				C						C			
78LWPP						C				C						C			
A2MM6Z						C				C						C			
AJWUPW						C				C						C			C
BD4LUV						C				C	N		N			C	N	N	
BJ34U4						C				C						C			C
BLY3C8						C				C						C			C
E2VZT2						C				C						C			
F8NZXU						C				C						C			C
GFAKFX						C				C						C			
KCGGHV						C				C						C			C
LEP3PM						C				C						C			C
LMGK7P						C				C						C			
MU3NAQ						C				C						C			
N6XAKU						C				C						C			
NK4PCN						C				C						C			C
PF4BFC						C				C						C			C
PHWKRJ						C	C			C						C			
PNAADV						C				C						C			
PU4EHG			N			C				C						C			C
QP97XH						C				C						C			C
T7P4YK						C				C						C			C
TJ7RJV						C				C						C			
VHUMH4						C				C						C			
WB8KXE						C				C						C			
Z8PEHF						C				C						C			
ZAYBA4						C				C						C	N	N	
<b>ITEM 2</b>																			
36LJHC				C	A			T	T			T			T				C
3VXCD				C	A			T	T			T			T				
6PYL7X				C	A			T	T			T			T				
78LWPP				C	A			T	T			T			T				
A2MM6Z				C	A			T	T			T			T				
AJWUPW				C	A			T	T			T			T				C
BD4LUV				C	A			T	T			T			T				
BJ34U4				C	A			T	T			T			T				C
BLY3C8				C	A			T	T			T			T				C
E2VZT2				C	A			T	T			T			T				
F8NZXU				C	A			T	T			T			T				
GFAKFX				C	A			T	T			T			T				
KCGGHV				C	A			T	T			T			T				C

TABLE 8a - HVR I

Polymorphisms from Anderson Reference

	16031.0	16032.0	16039.0	16086.0	16147.0	16189.0	16193.1	16223.0	16248.0	16311.0	16315.0	16320.0	16323.0	16351.0	16355.0	16356.0	16380.0	16381.0	16519.0
LEP3PM				C	A			T	T			T			T				
LMGK7P				C	A			T	T			T			T				
MU3NAQ				C	A			T	T			T			T				
N6XAKU				C	A			T	T			T			T				
NK4PCN				C	A			T	T			T			T				C
PF4BFC				C	A			T	T			T			T				C
PHWKRJ				C	A			T	T			T			T				
PNAADV				C	A			T	T			T			T				
PU4EHG				C	A			T	T			T			T				C
QP97XH				C	A			T	T			T			T				C
T7P4YK				C	A			T	T			T			T				C
TJ7RJV				C	A			T	T			T			T				
VHUMH4				C	A			T	T			T			T				
WB8KXE				C	A			T	T			T			T				
Z8PEHF				C	A			T	T			T			T				
ZAYBA4				C	A			T	T			T			T				
<b>ITEM 3</b>																			
36LJHC				C	A			T	T			T			T				C
3VXCD				C	A			T	T			T			T				C
6PYL7X				C	A			T	T			T			T				
78LWPP				C	A			T	T			T			T				
A2MM6Z				C	A			T	T			T			T				
AJWUPW				C	A			T	T			T			T				C
BD4LUV				C	A			T	T			T			T				
BJ34U4				C	A			T	T			T			T				C
BLY3C8				C	A			T	T			T			T				C
E2VZT2				C	A			T	T			T			T				
F8NZXU				C	A			T	T			T			T				
GFAKFX				C	A			T	T			T			T				
KCGGHV				C	A			T	T			T			T				
LEP3PM				C	A			T	T			T			T				C
LMGK7P				C	A			T	T			T			T				
MU3NAQ				C	A			T	T			T			T				
N6XAKU				C	A			T	T			T			T				
NK4PCN				C	A			T	T			T			T				C
PF4BFC				C	A			T	T			T			T				C
PHWKRJ				C	A			T	T			T			T				
PU4EHG				C	A			T	T			T			T				C
QP97XH				C	A			T	T			T			T				C
T7P4YK				C	A			T	T			T			T				C
TJ7RJV				C	A			T	T			T			T				
VHUMH4				C	A			T	T			T			T				
WB8KXE				C	A			T	T			T			T				C
Z8PEHF				C	A			T	T			T			T				
ZAYBA4				C	A			T	T			T			T				

TABLE 8a - HVR I

Polymorphisms from Anderson Reference

	16031.0	16032.0	16039.0	16086.0	16147.0	16189.0	16193.1	16223.0	16248.0	16311.0	16315.0	16320.0	16323.0	16351.0	16355.0	16356.0	16380.0	16381.0	16519.0
<b>ITEM 4</b>																			
36LJHC						C				C						C			C
3VXCD						C				C						C			C
6PYL7X						C				C						C			
78LWPP						C				C						C			
A2MM6Z						C				C						C			
AJWUPW						C				C						C			C
BD4LUV						C				C						C			
BJ34U4						C				C						C			C
BLY3C8						C				C						C			C
E2VZT2						C				C						C			
F8NZXU						C				C						C			C
GFAKFX						C				C						C			
KCGGHV						C				C						C			
LEP3PM						C				C						C			C
LMGK7P						C				C						C			
MU3NAQ						C				C						C			
N6XAKU						C				C						C			
NK4PCN						C				C						C			C
PF4BFC						C				C				N		C			
PHWKRJ						C	C			C						C			
PU4EHG	N	N				C				C						C			C
QP97XH						C				C						C			C
T7P4YK						C				C						C			C
TJ7RJV						C				C						C			
VHUMH4						C				C						C			
WB8KXE						C				C						C			C
Z8PEHF						C				C						C			
ZAYBA4						C				C						C			

TABLE 8a - HVR I

**Bases Sequenced: HVR I**

<b>WEBCODE</b>	<b>ITEM 1</b>	<b>ITEM 2</b>	<b>ITEM 3</b>	<b>ITEM 4</b>
36LJHC	15998-16569	15998-16569	15998-16569	15998-16569
3VXCD	15998-16390	15998-16390	15998-16569	15998-16569
6PYL7X	16024-16388	16024-16388	16024-16391	16024-16388
78LWPP	15998-16390	15998-16390	15998-16390	15998-16390
A2MM6Z	15998-16390	15998-16390	15998-16390	15998-16390
AJWUPW	15998-16569	15998-16569	15998-16569	15998-16569
BD4LUV	16024-16388	16024-16391	16024-16391	16024-16391
BJ34U4	16009-16569	16013-16569	16007-16569	16012-16569
BLY3C8	16024-16569	16024-16569	16024-16569	16024-16569
E2VZT2	16024-16365	16024-16365	16024-16365	16024-16365
F8NZXU	15998-16569	15998-16390	15998-16390	15998-16569
GFAKFX	15998-16390	15998-16390	15998-16390	15998-16390
KCGGHV	16024-16569	16024-16569	16024-16385	16024-16388
LEP3PM	15998-16569	15998-16390	15998-16569	15998-16569
LMGK7P	15994-16400	15994-16400	15994-16400	15994-16400
MU3NAQ	16024-16365	16024-16365	16024-16365	16024-16365
N6XAKU	16020-16390	16020-16390	16020-16390	16020-16390
NK4PCN	15998-16569	15998-16569	15998-16569	15998-16569
PF4BFC	16024-16569	16024-16569	16024-16569	16024-16376
PHWKRJ	16039-16379	16039-16379	16039-16379	16039-16379
PNAADV	16018-16374	16018-16374		
PU4EHG	16024-16569	16024-16569	16024-16569	16024-16569
QP97XH	15998-16569	15998-16569	15998-16569	15998-16569
T7P4YK	16024-16193,16197-*	16024-16569	16024-16569	16024-16569
TJ7RJV	15998-16390	15998-16390	15998-16390	15998-16390
VHUMH4	16024-16388	16024-16391	16024-16391	16024-16366
WB8KXE	15998-16390	15998-16390	15998-16569	15998-16569
Z8PEHF	15998-16390	15998-16390	15998-16390	15998-16390
ZAYBA4	16024-16389	16024-16391	16024-16391	16024-16391



TABLE 8b - HVR II

Polymorphisms from Anderson Reference

	48.0	49.0	50.0	73.0	74.0	75.0	76.0	132.0	152.0	195.0	199.0	204.0	207.0	263.0	310.0	311.0	314.0	315.0	315.1	358.0	424.0	425.0	426.0	455.0	463.0	499.0	524.1	524.2	573.1	573.2	573.3	573.4	574.0	576.0	
LEP3PM				G					C		C	C	A	G						C															
LMGK7P				G					C		C	C	A	G						C															
MU3NAQ				G					C		C	C	A	G						C															
N6XAKU				G					C		C	C	A	G						C															
NK4PCN				G					C		C	C	A	G						C											C	C	C	C	
PF4BFC				G					C		C	C	A	G						C															
PHWKRJ				G					C		C	C	A	G																					
PNAADV				G					C		C	C	A	G						C															
PU4EHG				G					C		C	C	A	G						C															
QP97XH				G					C		C	C	A	G						C											C	C	C	C	
T7P4YK				G					C		C	C	A	G						C															
TJ7RJV				G					C		C	C	A	G						C															
VHUMH4				G					C		C	C	A	G						C															
WB8KXE				G					C		C	C	A	G						C															
Z8PEHF				G					C		C	C	A	G						C															
ZAYBA4				G					C		C	C	A	G						C															
<b>ITEM 3</b>																																			
36LJHC				G					C		C	C	A	G						C															
3VXCD				G					C		C	C	A	G						C											C	C	C	C	
6PYL7X				G					C		C	C	A	G						C															
78LWPP				G					C		C	C	A	G						C															
A2MM6Z				G					C		C	C	A	G						C															
AJWUPW				G					C		C	C	A	G						C											C	C	C	C	
BD4LUV				G					C		C	C	A	G						C															
BJ34U4				G					C		C	C	A	G						C															
BLY3C8				G					C		C	C	A	G						C															
E2VZT2				G					C		C	C	A	G						C															
F8NZXU				G					C		C	C	A	G						C															
GFAKFX				G					C		C	C	A	G						C															
KCGGHV				G					C		C	C	A	G						C															
LEP3PM				G					C		C	C	A	G						C											C	C	C	C	
LMGK7P				G					C		C	C	A	G						C															
MU3NAQ				G					C		C	C	A	G						C															
N6XAKU				G					C		C	C	A	G						C															
NK4PCN				G					C		C	C	A	G						C											C	C	C	C	
PF4BFC				G					C		C	C	A	G						C															
PHWKRJ				G					C		C	C	A	G																					
PU4EHG				G					C		C	C	A	G						C															
QP97XH				G					C		C	C	A	G						C											C	C	C	C	
T7P4YK				G					C		C	C	A	G						C														C	C
TJ7RJV				G					C		C	C	A	G						C															
VHUMH4				G					C		C	C	A	G						C															
WB8KXE				G					C		C	C	A	G						C											C	C	C	C	
Z8PEHF				G					C		C	C	A	G						C															
ZAYBA4				G					C		C	C	A	G						C															

TABLE 8b - HVR II

Polymorphisms from Anderson Reference

	48.0	49.0	50.0	73.0	74.0	75.0	76.0	132.0	152.0	195.0	199.0	204.0	207.0	263.0	310.0	311.0	314.0	315.0	315.1	358.0	424.0	425.0	426.0	455.0	463.0	499.0	524.1	524.2	573.1	573.2	573.3	573.4	574.0	576.0		
<b>ITEM 4</b>																																				
36LJHC				G						C				G	C												A	A	C							
3VXCD				G						C				G	C												A	A	C							
6PYL7X				G						C				G	C				Z																	
78LWPP				G						C				G	C				-																	
A2MM6Z				G						C				C	C																					
AJWUPW				G						C				G	C												A	A	C							
BD4LUV	N	N	N	G	N					C				G	C				N					N												
BJ34U4				G						C				G	C																					
BLY3C8				G						C				G	C																					
E2VZT2				G						C				G	C				D																	
F8NZXU				G						C				G	C												A	A	C							
GFAKFX				G						C				G	C																					
KCGGHV				G						C				G	C																					
LEP3PM				G						C				G	C												A	A	C							
LMGK7P				G						C				G	C																					
MU3NAQ				G						C				G	C				D																	
N6XAKU				G						C				G	C																					
NK4PCN				G						C				G	C												A	A	C							
PF4BFC				G	N	N	N	N		C				G	C				N			N	N	N												
PHWKRJ				G						C				G																						
PU4EHG				G						C				G	C			N	N								A	A	C							
QP97XH				G						C				G	C												A	A	C							
T7P4YK				G						C				G	C																					
TJ7RJV				G						C				G	C																					
VHUMH4				G	N	N		N		C				G	C				N				N	N												
WB8KXE				G						C				G	C												A	A	C							
Z8PEHF				G						C				G	C																					
ZAYBA4				G						C				G	C			N	N		N															

TABLE 8b - HVR II

**Bases Sequenced: HVR II**

<b>WEBCODE</b>	<b>ITEM 1</b>	<b>ITEM 2</b>	<b>ITEM 3</b>	<b>ITEM 4</b>
36LJHC	1-616	1-408	1-408	1-616
3VVXCD	49-408	49-408	1-573.4	1-616
6PYL7X	39-367	35-365	35-369	50-367
78LWPP	49-407	49-407	49-401	49-407
A2MM6Z	49-402	49-402	49-402	49-402
AJWUPW	1-616	1-408	1-573.4	1-616
BD4LUV	39-464	35-464	35-464	39-451
BJ34U4	1-392	1-390	1-390	1-390
BLY3C8	1-368	1-535	1-531	1-365
E2VZT2	73-340	73-340	73-340	73-340
F8NZXU	1-616	49-408	49-408	1-616
GFAKFX	49-408	49-408	49-408	49-408
KCGGHV	1-342, 516-565	1-526	42-368	42-365
LEP3PM	1-616	49-408	1-573.4	1-616
LMGK7P	35-409	35-409	35-409	35-409
MU3NAQ	73-340	73-340	73-340	73-340
N6XAKU	61-362	61-367	61-367	61-367
NK4PCN	1-616	1-573.4	1-573.4	1-616
PF4BFC	1-576	1-575	1-575	51-449
PHWKRJ	58-308	58-308	58-308	58-308
PNAADV	58-385	58-385		
PU4EHG	1-576	1-575	1-575	1-576
QP97XH	1-616	1-573.4	1-573.4	1-616
T7P4YK	1-312	1-501	1-576	1-364
TJ7RJV	49-402	49-402	49-402	49-402
VHUMH4	39-464	35-464	35-464	50-450
WB8KXE	49-408	49-408	1-573.4	1-616
Z8PEHF	49-402	49-402	49-402	49-402*
ZAYBA4	39-464	35-464	35-464	35-367



# 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 9

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
22U2MJ	No	Yes	Yes	No	2KR4V8	No	Yes	Yes	No
23HM4M	No	Yes	Yes	No	2NGR32	No	Yes	Yes	No
23RPH8	No	Yes	Yes	No	2P6XYJ	No	Yes	Yes	No
299QLR	No	Yes	Yes	No	2PFWNB	No	Yes	Yes	No
29GHYT	No	Yes	Yes	No	2RPYNT	No	Yes	Yes	No
29LN9N	No	Yes	Yes	No	2U2JR8	No	Yes	Yes	No
29YKG2	No	Yes	Yes	No	2UVFVH	No	Yes	Yes	No
29YPR4	No	Yes	Yes	No	2VJTDZ	No	Yes	Yes	No
2AAM6L	No Interpretations Reported, DNA Analyzed for Database purposes only.				2VLM77	No	Yes	Yes	No
2AEMFU	No	Yes	Yes	No	2VQHT7	No	Yes	Yes	No
2AJNQN	No	Yes	Yes	No	2W3LER	No	Yes	Yes	No
2BF7NJ	No	Yes	Yes	No	2WMZQ2	No	Yes	Yes	No
2BPBTF	No	Yes	Yes	No	2XNK6G	No	Yes	Yes	No
2BX7MK	No	Yes	Yes	No	2YH6CK	No	Yes	Yes	No
2C3XBU	No	Yes	Yes	No	36LJHC	No	Yes	Yes	No
2C6R22	No	Yes	Yes	No	36RVDJ	No	Yes	Yes	No
2CA38H	No	Yes	Yes	No	39GC3E	No	Yes	Yes	No
2CGTQM	No	Yes	Yes	No	3AQJAD	No	Yes	Yes	No
2EVPPL	No	Yes	Yes	No	3B4M2P	No	Yes	Yes	No
2FUU8F	No	Yes	Yes	No	3BEMLC	No	Yes	Yes	No
2HVUMZ	No	Yes	Yes	No	3BJ3ZY	No	Yes	Yes	No
2HWUCT	No	Yes	Yes	No	3C7RUE	No	Yes	Yes	No
2JKVVM	No	Yes	Yes	No	3CNKUC	No	Yes	Yes	No
2KADN9	No	Yes	Yes	No	3GHJ98	No	Yes	Yes	No

TABLE 9

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
3L2ARF	No	Yes	Yes	No	4QZFQH	No	Yes	Yes	No
3MLPH2	No	Yes	Yes	No	4RANF7	No	Yes	Yes	No
3PBD4X	No	Yes	Yes	No	4UA2W4	No	Yes	Yes	No
3RFJHQ	No	Yes	Yes	No	4UYDXJ	No	Yes	Yes	No
3RKUH2	No Interpretations Reported, DNA Analyzed for Database purposes only.				4VE9JW	No	Yes	Yes	No
3VWXCD	No	Yes	Yes	No	4VXYRF	No	Yes	Yes	No
3YFZ66	No	Yes	Yes	No	4YJUJF	No	Yes	Yes	No
3ZWMVP	No	Yes	Yes	No	4Z7PPW	No	Yes	Yes	No
3ZWZEL	No	Yes	Yes	No	64RFXT	No	Yes	Yes	No
42MLKH	No	Yes	Yes	No	6698CN	No	Yes	Yes	No
47TF7D	No	Yes	Yes	No	66GUGC	No	Yes	Yes	No
4ATLU4	No	Yes	Yes	No	66KCJG	No	Yes	Yes	No
4B48LQ	No	Yes	Yes	No	69HYX9	No	Yes	Yes	No
4BTEWG	No	Yes	Yes	No	6A99WG	No	Yes	Yes	No
4CX6QQ	No	Yes	Yes	No	6APC9X	No	Yes	Yes	No
4ETPW4	No	Yes	Yes	No	6B8AT9	No	Yes	Yes	No
4EY7F3	No	Yes	Yes	No	6DBJYQ	No	Yes	Yes	No
4G3MH9	No	Yes	Yes	No	6EUNWB	No	Yes	Yes	No
4G8GB7	No	Yes	Yes	No	6L68TH	No	Yes	Yes	No
4GHX9W	No	Yes	Yes	No	6M924T	No	Yes	Yes	No
4GUPUB	No	Yes	Yes	No	6MGZH4	No	Yes	Yes	No
4LFGBV	No	Yes	Yes	No	6MLBHE	No	Yes	Yes	No
4LJRFE	No	Yes	Yes	No	6N96MW	No	Yes	Yes	No
4LNTMU	No	Yes	Yes	No	6NVBHF	No	Yes	Yes	No
4MAJF7	No	Yes	Yes	No	6PGABT	No	Yes	Yes	No
4Q3CYA	No	Yes	Yes	No	6PJRG4	No	Yes	Yes	No

TABLE 9

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
6PJXQB	No	Yes	Yes	No	7L3TU2	No	Yes	Yes	No
6PT3UA	No	Yes	Yes	No	7M3AKC	No	Yes	Yes	No
6PYL7X	No	Yes	Yes	No	7MNHW2	No	Yes	Yes	No
6QYN8N	No	Yes	Yes	No	7MTZ6D	No	Yes	Yes	No
6RDLLC	No	Yes	Yes	No	7N6KTY	No	Yes	Yes	No
6V9DEG	No	Yes	Yes	No	7QD6J3	No	Yes	Yes	No
6WRMM4	No	Yes	Yes	No	7V3HA6	No	Yes	Yes	No
6XH8NM	No	Yes	Yes	No	7VB862	No	Yes	Yes	No
6ZL29L	No	Yes	Yes	No	7W8BTP	No	Yes	Yes	No
6ZYTQH	No	Yes	Yes	No	7X4TWR	No	Yes	Yes	No
72YY4C	No	Yes	Yes	No	7X7DXL	No	Yes	Yes	No
73AVKA	No	Yes	Yes	No	7XMH8K	No	Yes	Yes	No
73Z72P	No	Yes	Yes	No	7YEXH9	No	Yes	Yes	No
768PUJ	No	Yes	Yes	No	82B49M	No	Yes	Yes	No
76JQH7	No	Yes	Yes	No	82EPQ8	No	Yes	Yes	No
77BK3Z	No	Yes	Yes	No	833CUU	No	Yes	Yes	No
77KWJ7	No	Yes	Yes	No	83CJJH	No	Yes	Yes	No
7882CC	No	Yes	Yes	No	83NV24	No	Yes	Yes	No
78LWPP	No	Yes	Yes	No	84MLPH	No	Yes	Yes	No
79FJAF	No	Yes	Yes	No	8894QM	No	Yes	Yes	No
7C8JYP	No	Yes	Yes	No	88LYC9	No	Yes	Yes	No
7CN84K	No	Yes	Yes	No	8AN4J2	No		Yes	
7CYAH4	No	Yes	Yes	No	8B3EK4	No	Yes	Yes	No
7DQRC6	No	Yes	Yes	No	8BP7YE	No	Yes	Yes	No
7HEFWQ	No	Yes	Yes	No	8CARVQ	No	Yes	Yes	No
7KBJ9X	No	Yes	Yes	No	8CAUWF	No	Yes	Yes	No

TABLE 9

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
8ET2U3	No	Yes	Yes	No	9JHUEG	No	Yes	Yes	No
8F4YWY	No	Yes	Yes	No	9MMDMB	No	Yes	Yes	No
8JUTEK	No	Yes	Yes	No	9NJ2UD	No	Yes	Yes	No
8KARRP	No	Yes	Yes	No	9NXF98	No	Yes	Yes	No
8LXVUP	No	Yes	Yes	No	9PM7FZ	No	Yes	Yes	No
8PV7ZV	No	Yes	Yes	No	9QQ34D	No	Yes	Yes	No
8QFUMB	No	Yes	Yes	No	9RBUJE	No	Yes	Yes	No
8R2PXK	No	Yes	Yes	No	9RDR46	No	Yes	Yes	No
8RZYUW	No	Yes	Yes	No	9TPGMW	No	Yes	Yes	No
8W2UYG	No	Yes	Yes	No	9VWXN9	No	Yes	Yes	No
8W2VXB	No	Yes	Yes	No	9W7YLD	No	Yes	Yes	No
8XA6FT	No	Yes	Yes	No	9WQTYN	No	Yes	Yes	No
8Z9G3U	No	Yes	Yes	No	9XD2LA	No	Yes	Yes	No
93JMML	No	Yes	Yes	No	9XQKGZ	No	No	Yes	No
98GM24	No	Yes	Yes	No	9XYWPD	No	Yes	Yes	No
99CHVK	No	Yes	Yes	No	A2MM6Z	No	Yes	Yes	No
99D6YY	No	Yes	Yes	No	A34Y8Y	No	Yes	Yes	No
99WN7R	No	Yes	Yes	No	A7ERP7	No	Yes	Yes	No
9AM4CB	No	Yes	Yes	No	AA2CWB	No	Yes	Yes	No
9AM647	No	Yes	Yes	No	ABXEL6	No	Yes	Yes	No
9CBLA8	No	Yes	Yes	No	ADTWZD	No	Yes	Yes	No
9EHE72	No	Yes	Yes	No	AFTGRZ	No	Yes	Yes	No
9EMECCM	No	Yes	Yes	No	AJFDYG	No	Yes	Yes	No
9EPR9W	No	Yes	Yes	No	AJWUPW	No	Yes	Yes	No
9HV8YY	No	Yes	Yes	No	AK9FHR	No	Yes	Yes	No
9JBH2X	No	Yes	Yes	No	ALBY22	No	Yes	Yes	No

TABLE 9

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
AM3AAU	No	Yes	Yes	No	BDPDU3	No	Yes	Yes	No
AM8DFQ	No	Yes	Yes	No	BEE4NU	No	Yes	Yes	No
ANYKA2	No	Yes	Yes	No	BEHETD	No	Yes	Yes	No
AP228L	No	Yes	Yes	No	BFD3ZZ	No	Yes	Yes	No
AQ648R	No	Yes	Yes	No	BFWZF8	No	Yes	Yes	No
AQF7KX	No	Yes	Yes	No	BHQHV3	No	Yes	Yes	No
ATTCVU	No	Yes	Yes	No	BHZJPN	No	Yes	Yes	No
ATW4ML	No	Yes	Yes	No	BJ34U4	No	Yes	Yes	No
ATWT3C	No	Yes	Yes	No	BJBPHH	No	Yes	Yes	No
AUF3J6	No	Yes	Yes	No	BJMURV	No	Yes	Yes	No
AUG3EW	No	Yes	Yes	No	BJXWA9	No	Yes	Yes	No
AVGCW2	No	Yes	Yes	No	BKYQ7J	No	Yes	Yes	No
AVKFGE	No	Yes	Yes	No	BLY3C8	No	Yes	Yes	No
AYECVR	No	Yes	Yes	No	BMJJ6E	No	Yes	Yes	No
AZ2DB2	No	Yes	Yes	No	BQRLEH	No	Yes	Yes	No
AZLWDY	No	Yes	Yes	No	BQZZBE	No	Yes	Yes	No
B6RQRX	No	Yes	Yes	No	BTDQ79	No	Yes	Yes	No
B6VEA7	No	Yes	Yes	No	BTND3G	No	Yes	Yes	No
B7BLRJ	No	Yes	Yes	No	BTPDUX	No	Yes	Yes	No
B9M9L3	No	Yes	Yes	No	BUGEUQ	No	Yes	Yes	No
BAF48Q	No	Yes	Yes	No	BV63PE	No	Yes	Yes	No
BBEWDH	No	Yes	Yes	No	BVGD7Z	No	Yes	Yes	No
BCDWPG	No	Yes	Yes	No	BVNJHB	No	Yes	Yes	No
BCWQ63	No	Yes	Yes	No	BZ6X2N	No	Yes	Yes	No
BD4LUV	No	Yes	Yes	No	BZJ4Y7	No	Yes	Yes	No
BDCPZE	No	Yes	Yes	No	C2HQQM	No	Yes	Yes	No

TABLE 9

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
C3FLJX	No	Yes	Yes	No	DBCJZ2	No	Yes	Yes	No
C3Q9DE	No	Yes	Yes	No	DE9H8H	No	Yes	Yes	No
C6K7JR	No	Yes	Yes	No	DEDTZV	No	Yes	Yes	No
C8LDFP	No	Yes	Yes	No	DF7KC2	No	Yes	Yes	No
C9CYZU	No	Yes	Yes	No	DFJCYB	No	Yes	Yes	No
CAANHB	No	Yes	Yes	No	DFTYX4	No	Yes	Yes	No
CCC7EX	No	Yes	Yes	No	DHDBTC	No	Yes	Yes	No
CDDHBE	No	Yes	Yes	No	DNMXDL	No	Yes	Yes	No
CDTKV3	No	Yes	Yes	No	DNRBEN	No	Yes	Yes	No
CFGRDX	No	Yes	Yes	No	DNWC9T	No	Yes	Yes	No
CHJUW7	No	Yes	Yes	No	DPHKYB	No	Yes	Yes	No
CK7HCU	No	Yes	Yes	No	DU2Z4U	No	Yes	Yes	No
CKHTRQ	No	Yes	Yes	No	DVEPHD	No	Yes	Yes	No
CKYCT7	No	Yes	Yes	No	DVFH9L	No	Yes	Yes	No
CL2VAU	No	Yes	Yes	No	DXCLNF	No	Yes	Yes	No
CNLXQD	No	Yes	Yes	No	DYLMFF	No	Yes	Yes	No
CNVLHQ	No	Yes	Yes	No	E2VZT2	No	Yes	Yes	No
CPMKLK	No	Yes	Yes	No	E3BCMB	No	Yes	Yes	No
CTYN92	No	Yes	Yes	No	E43TUL	No	Yes	Yes	No
CVQQ7Z	No	Yes	Yes	No	E4CJMP	No	Yes	Yes	No
CY8KVT	No	Yes	Yes	No	EAAD2Q	No	Yes	Yes	No
CZLRJV	No	Yes	Yes	No	EARXLG	No	Yes	Yes	No
D36P88	No	Yes	Yes	No	EAVU96	No	Yes	Yes	No
D3A6PE	No	Yes	Yes	No	EC34FH	No	Yes	Yes	No
D6QUGP	No	Yes	Yes	No	EC43HP	No	Yes	Yes	No
D89ULJ	No	Yes	Yes	No	ECAA4J	No	Yes	Yes	No

TABLE 9

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
EDC743	No	Yes	Yes	No	FC8TR7	No	Yes	Yes	No
EDGJYQ	No	Yes	Yes	No	FFDMXB	No	Yes	Yes	No
EGMVB6	No	Yes	Yes	No	FHERAZ	No	Yes	Yes	No
EJJR28	No	Yes	Yes	No	FJJQX	No	Yes	Yes	No
EJQV6A	No	Yes	Yes	No	FKGAZF	No	Yes	Yes	No
EJY6H4	No	Yes	Yes	No	FKNRL6	No	Yes	Yes	No
EKVP83	No	Yes	Yes	No	FLM2GM	No	Yes	Yes	No
EMVRZJ	No	Yes	Yes	No	FP3KF4	No	Yes	Yes	No
ET6XRJ	No	Yes	Yes	No	FQ64WT	No	Yes	Yes	No
EV2GWB	No	Yes	Yes	No	FX4JQ8	No	Yes	Yes	No
EVFW2H	No	Yes	Yes	No	FXTP7B	No	Yes	Yes	No
EWFJAH	No	Yes	Yes	No	FY7PBV	No	Yes	Yes	No
EXKKM3	No	Yes	Yes	No	FZ6TA9	No	Yes	Yes	No
EXAFT	No	Yes	Yes	No	FZA4AJ	No	Yes	Yes	No
EYCHV9	No	Yes	Yes	No	G3U9FP	No	Yes	Yes	No
EYZ88C	No	Yes	Yes	No	G63KGV	No	Yes	Yes	No
EZE33W	Yes	No	No	Yes	G73WHD	No	Yes	Yes	No
EZP2TK	No	Yes	Yes	No	G8WGG7	No	Yes	Yes	No
EZUFDX	No	Yes	Yes	No	GDWMJW	No	Yes	Yes	No
F2FM22	No	Yes	Yes	No	GE6WJR	No	Yes	Yes	No
F2K2JU	No	Yes	Yes	No	GFAKFX	No	Yes	Yes	No
F32Y9D	No	Yes	Yes	No	GGEM3T	No	Yes	Yes	No
F6QC37	No	Yes	Yes	No	GGU3Z7	No	Yes	Yes	No
F7YFTU	No	Yes	Yes	No	GHHNEF	No	Yes	Yes	No
F88UVU	No	Yes	Yes	No	GJ47VE	No	Yes	Yes	No
F8NZXU	No	Yes	Yes	No	GKHG2Y	No	Yes	Yes	No

TABLE 9

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
GLJKEH	No	Yes	Yes	No	HTLJEP	No	Yes	Yes	No
GMKF3Q	No	Yes	Yes	No	HTPNQX	No	Yes	Yes	No
GPQW9Q	No	Yes	Yes	No	HTZC3M	No	Yes	Yes	No
G RTP6T	No	Yes	Yes	No	HVLB7J	No	Yes	Yes	No
GT896H	No	Yes	Yes	No	HVRCHG	No	Yes	Yes	No
GUVNDZ	No	Yes	Yes	No	HYG48D	No	Yes	Yes	No
GW3NCY	No	Yes	Yes	No	HZMBT7	No	Yes	Yes	No
GYAGEQ	No	Yes	Yes	No	J4GNQH	No	Yes	Yes	No
H3LQL4	No	Yes	Yes	No	J6PU2W	No	Yes	Yes	No
H4Z3L9	No	Yes	Yes	No	J6PWPf	No	Yes	Yes	No
H74VE8	No	Yes	Yes	No	J9QXTJ	No	Yes	Yes	No
H87HEY	No	Yes	Yes	No	JAMDB9	No	Yes	Yes	No
H8AKDA	No	Yes	Yes	No	JC8AUT	No	Yes	Yes	No
H8MPHD	No	Yes	Yes	No	JCJFTJ	No	Yes	Yes	No
HBDBVX	No	Yes	Yes	No	JCQYBG	No	Yes	Yes	No
HBJAKC	No	Yes	Yes	No	JCVH9K	No	Yes	Yes	No
HDPRME	No	Yes	Yes	No	JD9TB2	No	Yes	Yes	No
HDULDU	No	Yes	Yes	No	JE2U2F	No	Yes	Yes	No
HGXEJT	No	Yes	Yes	No	JEN7ZY	No	Yes	Yes	No
HHHYXP	No	Yes	Yes	No	JG4T2L	No	Yes	Yes	No
HHLN4T	No	Yes	Yes	No	JJNR6H	No	Yes	Yes	No
HJLWHQ	No	Yes	Yes	No	JMM7HK	No	Yes	Yes	No
HLUUK9	No	Yes	Yes	No	JMPQPM	No	Yes	Yes	No
HMHW4U	No Interpretations Reported, DNA Analyzed for Database purposes only.				JNF339	No	Yes	Yes	No
HNA29M	No	Yes	Yes	No	JQ4HEG	No	Yes	Yes	No
HRB7L8	No	Yes	Yes	No	JQJ2VT	No	Yes	Yes	No



TABLE 9

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
JR8HZU	No	Yes	Yes	No	L6QKXC	No	Yes	Yes	No
JRVA8E	No	Yes	Yes	No	L6V3ZH	No	Yes	Yes	No
JRZUHW	No	Yes	Yes	No	L7FRJE	No	Yes	Yes	No
JTFCKD	No	Yes	Yes	No	L99ACZ	No	Yes	Yes	No
JW6U7R	No	Yes	Yes	No	LAAPVZ	No	Yes	Yes	No
JYFUAE	No	Yes	Yes	No	LCZX6G	No	Yes	Yes	No
JYKHAZ	No Interpretations Reported, DNA Analyzed for Database purposes only.				LDKAEU	No	Yes	Yes	No
JZKTFT	No	Yes	Yes	No	LE7VD4	No	Yes	Yes	No
K2EJYZ	No	Yes	Yes	No	LEP3PM	No	Yes	Yes	No
K7P362	No	Yes	Yes	No	LFF9AT	No	Yes	Yes	No
K94URW	No	Yes	Yes	No	LG2C3X	No	Yes	Yes	No
KBQGDV	No	Yes	Yes	No	LGG6NA	No	Yes	Yes	No
KC8HNX	No	Yes	Yes	No	LJ6JFB	No	Yes	Yes	No
KCGGHV	No	Yes	Yes	No	LL9DZF	No	Yes	Yes	No
KDALJG	No	Yes	Yes	No	LLLEW4	No	Yes	Yes	No
KDFKHD	No	Yes	Yes	No	LME2ZD	No	Yes	Yes	No
KDLX76	No	Yes	Yes	No	LMGK7P	No	Yes	Yes	No
KDV6RK	No	Yes	Yes	No	LNNVUT	No	Yes	Yes	No
KFWA2N	No	Yes	Yes	No	LNU49M	No Interpretations Reported, DNA Analyzed for Database purposes only.			
KNRAP2	No	Yes	Yes	No	LRUUJY	No	Yes	Yes	No
KVFMWE	No	Yes	Yes	No	LUM3UF	No	Yes	Yes	No
KY66ET	No	Yes	Yes	No	LURGKN	No	Yes	Yes	No
L2AE23	No	Yes	Yes	No	LVFZ2M	No	Yes	Yes	No
L3EQDE	No	Yes	Yes	No	LWQ4KU	No	Yes	Yes	No
L3T8JB	No	Yes	Yes	No	LYKPJN	No	Yes	Yes	No
L67LA7	No	Yes	Yes	No	M2XRZG	No	Yes	Yes	No

TABLE 9

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
M379NE	No	Yes	Yes	No	MWTEFV	No	Yes	Yes	No
M4HZGF	No	Yes	Yes	No	MX2KL6	No	Yes	Yes	No
M62JYR	No	Yes	Yes	No	MXGNRQ	No	Yes	Yes	No
M6JGJ6	No	Yes	Yes	No	MY3AAZ	No	Yes	Yes	No
M7CERB	No	Yes	Yes	No	N2KDD4	No	Yes	Yes	No
M8FBMN	No	Yes	Yes	No	N34PGF	No	Yes	Yes	No
MAJUDA	No	Yes	Yes	No	N6XAKU	No	Yes	Yes	No
MBFJRX	No	Yes	Yes	No	N76RLG	No	Yes	Yes	No
MCEUU7	No	Yes	Yes	No	N7MQPV	No	Yes	Yes	No
MFC8LC	No	Yes	Yes	No	N8MRVY	No	Yes	Yes	No
MGM4TQ	No	Yes	Yes	No	NATTJX	No	Yes	Yes	No
MGX7FP	No	Yes	Yes	No	NC4WR9	No	Yes	Yes	No
MH9DMN	No	Yes	Yes	No	NCYLMP	No	Yes	Yes	No
MJ6UTM	No	Yes	Yes	No	NDCK98	No	Yes	Yes	No
MKTG2M	No	Yes	Yes	No	NK4PCN	No	Yes	Yes	No
MKZYA8	No	Yes	Yes	No	NKLNJU	No	Yes	Yes	No
MNHQJH	No	Yes	Yes	No	NM8NKV	No	Yes	Yes	No
MP3TTB	No	Yes	Yes	No	NMEPWU	No	Yes	Yes	No
MPFDGX	No	Yes	Yes	No	NQU2RP	No	Yes	Yes	No
MPX92L	No	Yes	Yes	No	NRJHCL	No	Yes	Yes	No
MQG8CD	No	Yes	Yes	No	NTCFRT	No	Yes	Yes	No
MQVHDA	No	Yes	Yes	No	NUMBHQ	No	Yes	Yes	No
MR9397	No	Yes	Yes	No	NUXZW6	No	Yes	Yes	No
MRRZGE	No	Yes	Yes	No	NVM4NC	No	Yes	Yes	No
MU3NAQ	No	Yes	Yes	No	NWEYQR	No	Yes	Yes	No
MV6XDF	No	Yes	Yes	No	NZKMQP	No	Yes	Yes	No

TABLE 9

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
NZTVFW	No	Yes	Yes	No	Q8BFUR	No	Yes	Yes	No
NZXA4H	No	Yes	Yes	No	QAJZXN	No	Yes	Yes	No
P3NNCQ	No	Yes	Yes	No	QBVYX4	No	Yes	Yes	No
P8ZTZ2	No	Yes	Yes	No	QFZQVF	No	Yes	Yes	No
PAYKWZ	No	Yes	Yes	No	QGHTTG	No	Yes	Yes	No
PCDZJK	No	Yes	Yes	No	QGZK9Y	No	Yes	Yes	No
PDKZBE	No	Yes	Yes	No	QJ78KH	No	Yes	Yes	No
PF4BFC	No	Yes	Yes	No	QK3DAP	No	Yes	Yes	No
PF96CY	No	Yes	Yes	No	QL96VC	No	Yes	Yes	No
PGRWKU	No	Yes	Yes	No	QLMMKA	No	Yes	Yes	No
PGWZ77	No	Yes	Yes	No	QNJRHK	No	Yes	Yes	No
PHWKRJ	No	Yes	Yes	No	QP97XH	No	Yes	Yes	No
PLRJFK	No	Yes	Yes	No	QPDN2J	No	Yes	Yes	No
PNAADV	No	Yes	Yes	No	QQ6TCJ	No	Yes	Yes	No
PPME2B	No	Yes	Yes	No	QQUKRX	No	Yes	Yes	No
PREFDE	No	Yes	Yes	No	QRGEXE	No	Yes	Yes	No
PRQMB9	No	Yes	Yes	No	QTJZB7	No	Yes	Yes	No
PTBNP3	No	Yes	Yes	No	QVYFED	No	Yes	Yes	No
PTEGCG	No	Yes	Yes	No	QXGRX6	No	Yes	Yes	No
PTJRGZ	No	Yes	Yes	No	QZ9UUK	No	Yes	Yes	No
PTMPT6	No	Yes	Yes	No	R4CWEQ	No	No	Yes	No
PTWDN7	No	Yes	Yes	No	R7RKHC	No	Yes	Yes	No
PU4EHG	No	Yes	Yes	No	R9MWV7	No	Yes	Yes	No
PWT34D	No	Yes	Yes	No	RA6BNE	No	Yes	Yes	No
PZCZLY	No	Yes	Yes	No	RAEYKG	No	Yes	Yes	No
Q2TKFM	No	Yes	Yes	No	RAVCP6	No	Yes	Yes	No

TABLE 9

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
RB4GCC	No Interpretations Reported, DNA Analyzed for Database purposes only.				T7P4YK	No	Yes	Yes	No
RBMCUD	No	Yes	Yes	No	T9F2XR	No	Yes	Yes	No
RBUBAA	No	Yes	Yes	No	TA9Y6Y	No	Yes	Yes	No
RC4J44	No	Yes	Yes	No	TARYVG	No	Yes	Yes	No
RCVEK8	No	Yes	Yes	No	TBJ4EF	No	Yes	Yes	No
RCZRCB	No	Yes	Yes	No	TDEJ3J	No	Yes	Yes	No
RET9JV	No	Yes	Yes	No	TEJ8BA	No	Yes	Yes	No
RFCCVG	No	Yes	Yes	No	TFWNL2	No	Yes	Yes	No
RKVP2Y	No	Yes	Yes	No	TG394V	No	Yes	Yes	No
RLDQDC	No	Yes	Yes	No	THVN3F	No	Yes	Yes	No
RLDVME	No	Yes	Yes	No	THZJ3J	No	Yes	Yes	No
RMTE3Q	No	Yes	Yes	No	TJ7RJV	No	Yes	Yes	No
RNTCTC	No	Yes	Yes	No	TJAVA8	No	Yes	Yes	No
RNXMWV	No	Yes	Yes	No	TJC97G	No	Yes	Yes	No
RUKDA8	No	Yes	Yes	No	TLGZ4B	No	Yes	Yes	No
RWRNXB	No	Yes	Yes	No	TLWF8P	No	Yes	Yes	No
RYKPBB	No	Yes	Yes	No	TPJWXC	No	Yes	Yes	No
RYZ3MZ	No	Yes	Yes	No	TQ3JV8	No	Yes	Yes	No
RYZTNQ	No	Yes	Yes	No	TR8JE7	No	Yes	Yes	No
T2BG9L	No	Yes	Yes	No	TTB6TQ	No	Yes	Yes	No
T2EGD9	No	Yes	Yes	No	TTUJ89	No	Yes	Yes	No
T2EYBQ	No	Yes	Yes	No	TVELL8	No	Yes	Yes	No
T2VPGV	No	Yes	Yes	No	TVR4P3	No	Yes	Yes	No
T2ZCAN	No	Yes	Yes	No	TXML6A	No	Yes	Yes	No
T42GJQ	No	Yes	Yes	No	U2UN3X	No	Yes	Yes	No
T4KML9	No	Yes	Yes	No	U3NF8M	No	Yes	Yes	No

TABLE 9

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
U46FLB	No	Yes	Yes	No	V8AL7B	No	Yes	Yes	No
U4KX6H	No	Yes	Yes	No	V99TF3	No	Yes	Yes	No
U6T4KL	No	Yes	Yes	No	V9BHP8	No	Yes	Yes	No
U6WJY8	No	Yes	Yes	No	VCJ47C	No	Yes	Yes	No
U9ZQKB	No	Yes	Yes	No	VCK9VY	No	Yes	Yes	No
UDB7AW	No	Yes	Yes	No	VDGCHZ	No	Yes	Yes	No
UDN33U	No	Yes	Yes	No	VE3K6B	No	Yes	Yes	No
UEE6ZF	No	Yes	Yes	No	VENPQ4	No	Yes	Yes	No
UF4UJA	No	Yes	Yes	No	VFUR3V	No	Yes	Yes	No
UG9YQX	No	Yes	Yes	No	VHM72C	No	Yes	Yes	No
UGKL4T	No	Yes	Yes	No	VHUMH4	No	Yes	Yes	No
UH2V7C	No	Yes	Yes	No	VHVRCF	No	Yes	Yes	No
UKZ9EC	No	Yes	Yes	No	VLGNRT	No	Yes	Yes	No
ULWTEH	No	Yes	Yes	No	VMPVW7	No	Yes	Yes	No
ULXGWJ	No	Yes	Yes	No	VNEMVW	No	Yes	Yes	No
UMLYRQ	No	Yes	Yes	No	VNWBZQ	No	Yes	Yes	No
UN6TTC	No	Yes	Yes	No	VP9XNX	No	Yes	Yes	No
UQAH66	No	Yes	Yes	No	VQRMDK	No	Yes	Yes	No
UREU8T	No	Yes	Yes	No	VT7HB4	No	Yes	Yes	No
UVKWR6	No Interpretations Reported, DNA Analyzed for Database purposes only.				VTHY9U	No	Yes	Yes	No
UYZ7KG	No	Yes	Yes	No	VTX6CZ	No	Yes	Yes	No
UZEK97	No	Yes	Yes	No	VWAAKU	No	Yes	Yes	No
V29P4Q	No	Yes	Yes	No	VWWEM3	No	Yes	Yes	No
V42BEU	No	Yes	Yes	No	VX9A3U	No	Yes	Yes	No
V4K6B9	No	Yes	Yes	No	VXCURH	No	Yes	Yes	No
V6RJCW	No	Yes	Yes	No	VXHF3C	No	Yes	Yes	No

TABLE 9

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
VZPTKX	No	Yes	Yes	No	WY3ANH	No	Yes	Yes	No
W2692W	No	Yes	Yes	No	WYJCJM	No	Yes	Yes	No
W2DYK2	No	Yes	Yes	No	WZ8ZKE	No	Yes	Yes	No
W2N9RE	No	Yes	Yes	No	X3VU8R	No	Yes	Yes	No
W2WH9T	No	Yes	Yes	No	X6EVQV	No	Yes	Yes	No
W3AZJK	No	Yes	Yes	No	X7AL2V	No	Yes	Yes	No
W47KB7	No	Yes	Yes	No	X7HE8V	No	Yes	Yes	No
W6JZUY	No	Yes	Yes	No	X7MTW3	No	Yes	Yes	No
W9L3K8	No	Yes	Yes	No	X8883T	No	Yes	Yes	No
WA24V3	No	Yes	Yes	No	XALJ7H	No	Yes	Yes	No
WAZA4A	No	Yes	Yes	No	XATDGB	No	Yes	Yes	No
WB8KXE	No	Yes	Yes	No	XC3HY6	No	Yes	Yes	No
WDANC9	No	Yes	Yes	No	XDF6J8	No	Yes	Yes	No
WDXPJK	No	Yes	Yes	No	XDUDN2	No	Yes	Yes	No
WE7XNW	No	Yes	Yes	No	XERPEP	No	Yes	Yes	No
WFCLQG	No	Yes	Yes	No	XFFG4Z	No Interpretations Reported, DNA Analyzed for Database purposes only.			
WGCCAH	No	Yes	Yes	No	XFJXEP	No	Yes	Yes	No
WJCR89	No	Yes	Yes	No	XG4W4V	No	Yes	Yes	No
WJQYTX	No	Yes	Yes	No	XHMPE7	No	Yes	Yes	No
WKHX24	No Interpretations Reported, DNA Analyzed for Database purposes only.				XJYWJZ	No	Yes	Yes	No
WKJNEB	No	Yes	Yes	No	XMK473	No	Yes	Yes	No
WLDFCQ	No	Yes	Yes	No	XNDV62	No	Yes	Yes	No
WQK4M6	No	Yes	Yes	No	XQ2BPV	No	Yes	Yes	No
WQQ6UE	No	Yes	Yes	No	XQM7YV	No	Yes	Yes	No
WVBFA3	No	Yes	Yes	No	XRALFP	No	Yes	Yes	No
WXWQ29	No	Yes	Yes	No	XRFA2X	No	Yes	Yes	No

TABLE 9

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
XUPPGW	No	Yes	Yes	No	Z4RUGG	No	Yes	Yes	No
XWZC8V	No	Yes	Yes	No	Z6WE67	No	Yes	Yes	No
XX8FUR	No	Yes	Yes	No	Z7NJFB	No	Yes	Yes	No
Y3NAH4	No	Yes	Yes	No	Z7PJ9D	No	Yes	Yes	No
Y3TLEY	No	No	Yes	Yes	Z8KYUV	No	Yes	Yes	No
Y64B4K	No	Yes	Yes	No	Z8PEHF	No	Yes	Yes	No
Y8N4UD	No	Yes	Yes	No	Z8ZBF9	No	Yes	Yes	No
Y9G29X	No	Yes	Yes	No	Z9AD28	No	Yes	Yes	No
Y9LCDG	No	Yes	Yes	No	ZAFVX3	No	Yes	Yes	No
YDFWCD	No	Yes	Yes	No	ZAYBA4	No	Yes	Yes	No
YDX768	No	Yes	Yes	No	ZDPVET	No	Yes	Yes	No
YHHPNP	No	Yes	Yes	No	ZEAWAW	No	Yes	Yes	No
YJAL2X	No	Yes	Yes	No	ZFZ3C2	No	Yes	Yes	No
YJJDEY	No	Yes	Yes	No	ZG8WQG	No	Yes	Yes	No
YJPD49	No	Yes	Yes	No	ZJK3FM	No	Yes	Yes	No
YJRLAU	No	Yes	Yes	No	ZJYXUV	No	Yes	Yes	No
YUZGZK	No	Yes	Yes	No	ZKFYA4	No	Yes	Yes	No
YW4W3Q	No	Yes	Yes	No	ZMG9WR	No	Yes	Yes	No
YXJ9RN	No	Yes	Yes	No	ZMUNYB	No	Yes	Yes	No
YZ7N79	No	Yes	Yes	No	ZN4C6T	No	Yes	Yes	No
Z3CX44	No	Yes	Yes	No	ZNZGCU	No	Yes	Yes	No
Z3V89J	No	Yes	Yes	No	ZPWWM7	No	Yes	Yes	No
Z499L6	No	Yes	Yes	No	ZQT7YU	No	Yes	Yes	No
Z4ACJA	No	Yes	Yes	No	ZQT9QL	No	Yes	Yes	No
Z4DT33	No	Yes	Yes	No	ZRXGGK	No Interpretations Reported, DNA Analyzed for Database purposes only.			
Z4G9LU	No	Yes	Yes	No	ZV2PZA	No	Yes	Yes	No

TABLE 9

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
ZVRLKN	No	Yes	Yes	No					
ZY9M2J	No	Yes	Yes	No					

Response Summary			Participants reporting DNA results: 778			
<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 &amp; 4)?</i>						
Responses		Victim (Item 1)		Suspect (Item 2)		
		Item 3	Item 4	Item 3	Item 4	
	Yes	<b>1</b>	<b>763</b>	<b>767</b>	<b>2</b>	
	No	<b>767</b>	<b>4</b>	<b>1</b>	<b>765</b>	
	Inc	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

Participants not reporting Interpretation results: 10



# Additional Comments

TABLE 10

WebCode	Additional Comments
23RPH8	Based on the analysis performed, the victim (Item 1) is the source of the DNA identified from Item 4. Based on the analysis performed, the suspect (Item 2) is the source of the DNA identified from Item 3.
29YPR4	Items 1 and 4 were only amplified with Identifiler and not amplified with Yfiler.
2CGTQM	A peak was detected in stutter position at D19S433 on Item 3 that was outside of the laboratory's filter range.
2FUU8F	NIR- No Interpretable Results. (Reported in Y chromosome section [Tables 5 & 6 YSTR Results])
2HVUMZ	Female references are not analyzed with Yfiler. NR = no results; INC = inconclusive. According to our policies for Yfiler, alleles that fall off-ladder and migrate out of locus range are deemed inconclusive thus DYS635 locus is inconclusive for items 2 & 3.
2JKVVM	Minifiler data is concordant with Identifiler Plus data.
2KADN9	Minifiler results were concordant with the Identifiler results.
2RPYNT	Items 1 & 2 used Profiler Plus/Cofiler. Items 3 & 4 used Identifiler.
2W3LER	The scenario was described as a 'physical assault' with no further detail provided. Given the undiluted appearance of the blood staining on items 3 and 4, coupled with the full DNA profiles obtained from the bloodstains, neither of which indicated the presence of DNA from more than one individual, no further testing for saliva/semen/any other body fluid was carried out.
36LJHC	*According to mtDNAU policy, insertions following nucleotide position 309 are not named. Instead, length variants in the HV2 C-stretch area are denoted by the number of cytosine residues observed (C7 = no insertions; C8 = 309.1; C9 = 309.2; C10 = 309.3, etc.). When a sequence has a T to C transition at position 310, it is notated 310C and no insertions or deletions relative to the rCRS at 303-315 are noted. [From Table 8b - Mitochondrial DNA Results, HVRII, Items 2 and 3: "*C7"]
3B4M2P	Male DNA Decton[sic] (Plexor HY System). 16LS14 - Item 3 "Questioned stain from the victim's shirt": Male DNA+. 17LS14 - Item 4 "Questioned stain from the suspect's shirt": Male DNA neg. 18LS14 - RBQ012314LS.
3MLPH2	Identifiler Plus amplification was performed on Items 1, 2, 3, and 4. Minifiler amplification was performed on Items 1 and 2.
3VWXCD	*According to mtDNAU policy, insertions following nucleotide position 309 are not named. Instead, length variants in the HV2 C-stretch area are denoted by the number of cytosine residues observed (C7 = no insertions; C8 = 309.1; C9 = 309.2; C10 = 309.3, etc.). When a sequence has a T to C transition at position 310, it is notated 310C and no insertions or deletions relative to the rCRS at 303-315 are noted. [From Table 8b - Mitochondrial DNA results, HVRII, Items 2 and 3: "*C7"]
3ZWMVP	Results are a combination of Identifiler Plus and Minifiler.
4BTEWG	Regarding screening analysis of item 3 and item 4, section policy allows analyst discretion to which screening test performed.
4G3MH9	Item 4 suffered from inhibition in ID Plus amplification (Chelex extraction). Three of three analysts in our lab taking this test were affected by inhibition in this sample - all three were Chelex/ID Plus.
4LNTMU	Off-ladder allele at DYS635 in Items 2 & 3 appears to be a 17 variant allele and is reproducible.
4UA2W4	The results identified from item 3 are consistent with item 2 (suspect). The results identified from item 4 are consistent with item 1 (victim).
4UYDXJ	Item 3, Questioned stain from the victim's shirt: Plexor HY (male DNA) - Positive. Item 4, Questioned stain from the suspect's shirt: Plexor HY (male DNA) - Negative.
4VE9JW	Items 3 and 4 also underwent analysis using Minifiler and SGM+. Where results were obtained, these were consistent with those obtained using Identifiler.

TABLE 10

WebCode	Additional Comments
6B2YTX	Biological screening only - No DNA testing.
6EUNWB	Off ladder allele reported at DYS635 for items 2 and 3. Less than smallest haplotype at locus.
6MGZH4	NT = Not Tested
6PGABT	DYS635 Haplotype may also be reported as <20.
6PT3UA	Reported results are a combination of Identifiler Plus and MiniFiler data.
6V9DEG	In regards to screening analysis of Item 3 and Item 4, laboratory policy allows for the selection of screening tests based on analyst's experience and training at the discretion of the analyst.
73Z72P	NR = No Result. Item 1 not analyzed with Yfiler since it is a female known sample.
76JQH7	Concordant results were obtained with all items for Identifiler and Minifiler.
78LWPP	For Part 1 [Table 1 - Serology Screening Results]: KM testing was performed by the analyst. The RSID-blood testing was performed by a member of the forensic biology unit proficient in that type of testing. Page 5 [Tables 5 & 6 - YSTR Results]: NR = No Results.
7C8JYP	Male DNA Detection (Plexor HY) - Item 3: Male DNA detected (1.947 ng/uL). Item 4: Detection of male DNA inconclusive (0.0002657 ng/uL - below detection limit).
7YEXH9	^ - possible stutter
88LYC9	Items 3 and 4 were tested with Minifiler. The results are concordant with the Identifiler results. Item 3 was tested with Identifiler[sic] Plus. The results are concordant with the Identifiler results.
8W2UYG	Concordant results were obtained with Identifiler Plus and Minifiler STR kits.
8W2VXB	Profiler Plus / Cofiler kits used for Items 1 and 2. Identifiler kit used for Items 3 and 4. NR = No Result. Yfiler kit used for Items 1, 2, 3 and 4. Minifiler kit used for Items 3 and 4. <20 at DYS635 (Yfiler result) for Items 2 & 3 means allele is less than 20 on ladder.
99CHVK	Minifiler analysis performed, results concordant with Identifiler Plus. Body fluid identification was performed by an analyst in the Forensic Biology section.
99D6YY	Chemical and immunological tests indicated the presence of human blood on item 3 and item 4. Chemical tests did not indicate the presence of seminal stains on item 3 or item 4. Immunological testing did not indicate the presence of alpha-amylase, an enzyme found in high concentrations in saliva on item 3 or item 4.
9EHE72	Items 1 & 2 were amplified using Profiler Plus and Cofiler. Items 3 & 4 were amplified using Identifiler.
9NXF98	Minifiler performed on Item 4. Results consistent between Minifiler results and overlapping loci from Identifiler Plus for this item.
9PM7FZ	NR = no result
9RBUJE	Item 3 tested positive for Male DNA by Plexor HY. Item 4 tested negative for Male DNA by Plexor HY. ~ = Allele below stochastic threshold, but suitable for statistics, assuming single-source. ^ = Allele below stochastic threshold.
A2MM6Z	The Identifiler Plus kit was used for samples 1-4. MiniFiler analysis was also performed on samples 3 and 4. The results obtained for these two samples were concordant with the Identifiler Plus results. Item 3 was amplified with subregions (primers A1, B2, A2 and B1) and HV1B revealed the presence of a mixture. When reamplified with the full HV1 region (primers A1 and B1), no mixture was observed. Based on a similar situation in prior casework, it is likely an extaneous[sic] DNA, consistent with a bacterial DNA (like toxoplasmosis) inherent to the sample was observed in the HV1B amplification. Therefore, HV1, HV2A and HV2B were used for the final sample profile.
AA2CWB	Items 1 & 2 used Profiler Plus / Cofiler. Items 3 & 4 used Identifiler.
AFTGRZ	Profiler Plus and Cofiler were used for Item 1 and Item 2. Identifiler was used for Item 3 and Item 4.
AJWUPW	According to mtDNAU policy, insertions following nucleotide position 309 are not named. Instead, length

TABLE 10

WebCode	Additional Comments
	variants in the HV2 c-stretch area are denoted by the number of cytosine residues observed (C7 = no insertions, C8 = 309.1; C9 = 309.2; C10 = 309.3, etc.) When a sequence has a T to C transition at position 310, it is notated 310C and no insertions or deletions relative to the rCRS at 303-315 are noted. [From Table 8b - Mitochondrial DNA Results, HVRII, Items 2 and 3: "C7"]
AK9FHR	DYS635 - Inconclusive for Items 2 & 3. Probable 17 allele. 8 bp smaller than 19 virtual bin.
ALBY22	Item 4 at D8S1179 (DNA Result) = Peak height intensity less than stochastic threshold
AQ648R	NT = Not Tested. NR = NO RESULTS.
AUG3EW	NR=No result
AVKFGF	Items 1 and 2 were analyzed using Profiler Plus and COfiler. Items 3 and 4 were analyzed using Identifiler and MiniFiler.
B77F6U	Analyst is still in DNA training, so no DNA analysis was performed for this test.
BD4LUV	NR = No results
BHQHV3	Items 1 and 4 not tested with Y-STRs.
BKYQ7J	NT = Not Tested
BLY3C8	Screening was not performed because the examiner has not been trained to perform screening.
BQZZBE	An off-ladder variant allele was generated in the Y-STR profile at the DYS635 locus. The off-ladder variant allele fell below the sizing ladder, therefore according to our procedure it is designated as <20 for that locus.
BVGD7Z	Profiler Plus and Cofiler kits were used to test Items 1 and 2. Identifiler and MiniFiler kits were used to test Items 3 and 4.
BVNJHB	Page 5A included for additional locus D22S1045.
C8LDFP	[From Table 1 - Serology Screening Results: "PHTH = phenolphthalein"]
CDTKV3	Items 1 and 2 were tested using the Cofiler/Profiler Plus kits. Items 3 and 4 were tested using the Identifiler kit.
CNLXQD	Hematrace test and Ouchterlony test positive results are reported as: "confirmatory test for human blood suggests the presence of human blood".
CPMKLK	Items 1, 2, 3 and 4 were extracted by using organic extraction.
CTYN92	Technically reviewed by DNA Technical Lead [Name].
CVQQ7Z	Minifiler was also used to amplify all samples. Concordant results were obtained with all items for Identifiler and Minifiler.
D3A6PE	Items 1 and 2 used Cofiler/Profiler Plus kit. Items 3 and 4 used Identifiler kit.
DPHKYB	No STR results obtained for substrate controls (items 3sc, 4sc).
DXCLNF	Items 1 & 2 Profiler Plus/COfiler. Items 3 & 4 Identifiler. For items 1 and 4, the result at the amelogenin locus was changed on the data sheet from genotype to phenotype.
DYLMFF	[From Table 6 - YSTR Results, Part II: "OL = 233.71 = "17""]
E2VZT2	HT = HemaTrace, NR = No Result, D = Base Deletion. Identifiler testing performed on Item 3 and Item 4. Profiler Plus and Cofiler testing performed on Item 1 and Item 2. Yfiler and mitochondrial DNA testing performed on Item 1, Item 2, Item 3, and Item 4. <20 = less than the 20 allele in DYS635 allelic ladder.
E4CJMP	A semen screen was performed on Item 3 because the case circumstances did not characterize the nature of the attack on the victim, leaving open the possibility that it was a sexual assault. A semen screen was not performed on Item 4 because the stain was from the male suspect's clothing. Semen found on the suspect's clothing would be non-probative given the scenario. Our laboratory policy allows for analyst discretion in determining which tests are relevant.

TABLE 10

WebCode	Additional Comments
ECAA4J	* D13S317 for "KNOWN" sample 2: Results are a single allele 11 below the stochastic threshold. Laboratory policy for this result is to report the locus as inconclusive.
EJQV6A	Items 3 and 4 were also run with MiniFiler. MiniFiler results were consistent with Identifiler Plus results for Items 3 and 4.
EVFW2H	NR=no results
EWFJAH	DNA Analysis was performed as follows: 1) Extraction with the Qiagen BioRobot EZ-1 Advanced XL using the EZ-1 Investigator Kit chemistry. 2) Quantification on the 7500 using QuantDuo Kit. 3) Amplification on the 9700 thermal cycler, 32 cycles, using Promega PowerPlex16. 4) Data Collection and Analysis using the 3500xl Genetic Analyzer and GeneMapper ID-X software.
EXKKM3	Human Blood detected on Item 3 & Item 4
EYCHV9	nsd = no size data
F6QC37	Items 1 and 2: Profiler Plus / Cofiler amplification kit used. Items 3 and 4: Identifiler amplification kit used.
F88UVU	Identifiler Plus: Item3, Item4. Identifiler Direct: Item1, Item2.
F8NZXU	*According to mtDNAU policy, insertions following nucleotide position 309 are not named. Instead, length variants in the HV2 C-stretch area are denoted by the number of cytosine residues observed (C7 = no insertions; C8 = 309.1; C9 = 309.2; C10 = 309.3, etc.). When a sequence has a T to C transition at position 310, it is notated 310C and no insertions or deletions relative to the rCRS at 303-315 are noted. [From Table 8b - Mitochondrial DNA Results, HVRII, Items 2 and 3: "*C7"]
FC8TR7	Minifiler results of Items #3 & #4 are concordant w/ Identifiler Plus results. Minifiler results of item #1 & #2 are concordant w/ Identifiler Plus results. Sexual assault cases are screened in the Forensic Biology unit prior to being transferred to the DNA Unit. Samples #3 & #4 were serologically tested by Forensic Biology. NR = No Result (in Table 1c) [Tables 5 & 6 - YSTR Results].
FX4JQ8	Pro/Co kit used for Items 1 & 2. Identifiler kit used for Items 3 & 4.
FZ6TA9	All MiniFiler results concordant with Identifiler Plus results (at the corresponding loci).
FZA4AJ	DNA profiling results agree at the common loci for the two STR kits used.
GE6WJR	All samples were amplified using both Identifiler and Minifiler. Results were concordant with all items.
GFAKFX	*According to mtDNAU policy, insertions following nucleotide position 309 are not named. Instead, length variants in the HV2 C-stretch area are denoted by the number of cytosine residues observed (C7 = no insertions; C8 = 309.1; C9 = 309.2; C10 = 309.3, etc.). When a sequence has a T to C transition at position 310, it is notated 310C and no insertions or deletions relative to the rCRS at 303-315 are noted. [From Table 8b - Mitochondrial DNA Results, HVRII, Items 2 and 3: "C7"]
GGEM3T	DNAse differential digest performed, no sperm observed.
GMKF3Q	All items were also amplified with Applied Biosystems MiniFiler DNA typing kit. Concordant results were obtained with this kit and with the Identifiler kit for all samples. Items 1 and 2 were amplified[sic] with the Promega PowerPlex 18D system. Concordant results were obtained with this kit and with the Identifiler kit for Items 1 and 2.
H87HEY	Items 1 and 2 were tested using the Profiler Plus/Cofiler kits. Items 3 and 4 were tested using the Identifiler amp kit.
H8AKDA	I performed Y-STR DNA analyses on item 4 as well. No Y-STR DNA profile was obtained from item 4.
HDXKU3	We do not perform DNA analysis at this laboratory.
HMHW4U	Items 3 and 4 were not profiled.
HNA29M	Minifiler was also used to amplify all samples. Concordant results were obtained with all items for Identifiler and Minifiler.
JC8AUT	Section policy allows analyst discretion based upon training and experience in the screening of evidence.

TABLE 10

WebCode	Additional Comments
	Case circumstance was a physical assault on female victim by male suspect. Case circumstance did not specify if sexual assault was or was not included in physical assault. Victim's sample was tested for semen (Item 3).
JCQYBG	NT - not tested. NR - no results.
JCVH9K	1. Chelex extraction method was utilised to extract DNA from each sample. 2. Quantitation was done using the Applied Biosystems Quantifiler Human DNA Quantitation kit. 3. The samples were amplified using the Applied Biosystems Identifiler Plus kit and Y-filer kit. 4. Electrophoresis was carried out using the 3130xl Genetic Analyzer from Applied Biosystems.
JD9TB2	Items 3 & 4 also amplified using Minifiler kit. Results concordant w/ Identifiler Plus kit results.
JEN7ZY	1) The suspect (Item 2) is the source of the DNA from the red-brown stain cutting collected from the Victims tan colored shirt (Item 3). 2) The victim (Item 1) is the source of the DNA from the red-brown stain cutting collected from the Suspect's green colored shirt (Item 4).
JYKHAZ	No DNA testing was performed for Items 3 and 4
K7P362	Minifiler was performed on Items 3 and 4 and were concordant with the Identifiler results.
K94URW	NR = no DNA typing results detected at this locus. MiniFiler results for item 3, item 4, item 1, and item 2 are concordant with the Identifiler Plus results (at the corresponding loci).
KBQGDV	NR = Off ladder variant that is unable to be sized.
KDALJG	Out of bin/ off ladder allele present at DYS635 locus for items 2 and 3.
KDLX76	#1 & #4 - tested by Yfiler and gave No result (NR). Screening Tests on Page 2[Table 1]: DNA analyst only performed the KM testing. Forensic Biology performed the RSID confirmatory test for human blood.
LAAPVZ	No STR results were obtained for the substrate controls or control swab.
LE7VD4	Plexor/HY Male DNA detection: Item 3 - Male DNA detected ( ~0.6532 ng/ $\mu$ l). Item 4 - No male DNA detected.
LEP3PM	*According to mtDNAU policy, insertions following nucleotide position 309 are not named. Instead, length variants in the HV2 C-stretch area are denoted by the number of cytosine residues observed (C7 = no insertions; C8 = 309.1; C9 = 309.2; C10 = 309.3, etc.). When a sequence has a T to C transition at position 310, it is notated 310C and no insertions or deletions relative to the rCRS at 303-315 are noted. [From Table 8b - Mitochondrial DNA Results, HVRII, Items 2 and 3: "*C7"]
LJ6JFB	DNA analysis was performed as follows: (1) Extraction using Qiagen BioRobot EZ1 Advanced XL and the Investigator kit. (2) Quantification using ABI Quantifiler Duo kit and 7500 RT-PCR instrument. (3) Amplification performed on ABI 9700 Thermal Cycler. (4) Data collection and analysis using ABI 3500xl Genetic Analyzer and GeneMapper ID-X software.
LLLEW4	Male DNA detection (Plexor HY System): Item 3: Male DNA detected (1.469 ng/ $\mu$ l); Item 4: No male DNA detected. NR = No result
LMGK7P	The MiniFiler results obtained for all of the items are concordant with the Identifiler Plus (ID+) results obtained. [From Table 1 - Serology Screening Results: "ARD = Amylase Radial Diffusion"]
LNNVUT	For Item 4, there was an additional peak (14.2) in D19S433 which is in the stutter position off the 15.2. The peak called at a percentage of 11.12% off the main peak. Our stutter threshold is 11.02% for D19S433 with NGMSelect. In the same sample (Item 4) a peak at Amel (Y) was observed, which was in a dye pull-up position under the 15, 15 homozygous peak of D10S1248.
LUM3UF	DNA results were consistent across the same loci for the different kits used.
MCEUU7	Our laboratory reports Hematrace positive results as "suggestive of human blood". Our laboratory reports Ouchterlony positive results as "suggestive of human blood".
MKZYA8	Results reported are a combination of Identifiler Plus and Minifiler.
MNHQJH	1. Item 1,2,3 and 4 were extracted using Chelex extraction method. 2. Item 1,2,3 and 4 were quantitated

TABLE 10

WebCode	Additional Comments
	using Quantifiler Human DNA Quantitation Kit from Applied Biosystems and were carried out by Real Time PCR. 3. Amplification was done using the AmpFISTR Identifiler Plus and Yfiler PCR Kit. 4. Electrophoresis was carried out using Genetic Analyzer 3130xl. 5. Reagent Blank, Positive Control and Negative Control were carried out along with the analysis.
MU3NAQ	D = base deletion. HT = Hematrace.
N6XAKU	Item 1 & 4: mtDNA: because there is no T in the C-trac in HV1 on 16189, there is length heteroplasmy in the length of the C-trac & because there is no T in the C-trac in HV2 on 310, there is length heteroplasmy in the length of the C-trac.
N8MRVY	Concordant results were obtained using the Minifiler amplification kit for Items 3 and 4.
NDCK98	*DYS635 - allele outside marker range, off-ladder, assessed against ladder for allele designation for items 2 & 3
NK4PCN	*According to mtDNAU policy, insertions following nucleotide position 309 are not named. Instead, length variants in the HV2 C-stretch area are denoted by the number of cytosine residues observed (C7 = no insertions; C8 = 309.1; C9 = 309.2; C10 = 309.3, etc.). When a sequence has a T to C transition at position 310, it is notated 310C and no insertions or deletions relative to the rCRS at 303-315 are noted. [From Table 8b - Mitochondrial DNA Results, HVRII, Items 2 & 3: "*C7"]
NMEPWU	Questioned items 3 & 4 processed for amplification with MiniFiler amplification kit. Concordant results obtained.
NWEYQR	[From Table 4 - STR Results Part III: "NT = not tested"]
NZKMQP	Y-STR PROFILE AT DYS635 FOR ITEM 2 AND 3 CONTAINED AN OMR ALLELE.
P3NNCQ	Identifiler Plus kit was used for Items 3 & 4. Identifiler Direct kit was used for Items 1 & 2.
PF4BFC	Item 3 and Item 4 were also amplified using Minifiler. The results were concordant with the the[sic] respective Identifiler results for each Item.
PGRWКУ	The Identifiler Plus and the MiniFiler allele calls were concordant.
PHWKRJ	Both nuclear STR analysis and mitochondrial DNA analysis are in agreement.
PPME2B	For Yfiler results, a peak appeared between loci DYS439 and DYS635. The peak was not labelled by the software as it fell outside the calling ranges for the bins of either locus. For the purposes of reporting, "less than 20" in symbol form will be entered for locus DYS635. This is according to the laboratory's standard operating procedure.
PTEGCG	Only Item 3 was amplified and typed with YSTRs to satisfy the FBI/QAS requirement for different technologies and to compare sample to the consensus Y-STR results. The Data Interpretation results are based on Identifiler Plus data. Sample Item 1 and Sample Item 2 were analyzed by Identifiler Direct PCR kit. Sample Item 3 and Sample Item 4 were analyzed by Identifiler Plus PCR kit. One laboratory control sample associated with the forensic unknown samples (Item 3 and Item 4) yielded no results. The remaining laboratory control samples yielded the expected results. The (less-than 20) allele designation for DYS635 indicates that it [sic] the allele sized less than the smallest ladder allele for that marker. The size calculation for the allele detected was consistent with a 17. This comments section did not accomodate[sic] the less-than symbol. All text following the symbol was deleted on repeated attempts.
QBVYX4	1. Item 1 and 2 were extracted using Chelex Extraction method. 2. Item 3 and 4 were extracted using Promega DNA IQ on TECAN Freedom EVO 150. 3. Item 1,2,3 and 4 were quantitated using Quantifiler Human DNA Quantitation Kit from Applied Biosystems and were carried out by Real Time PCR. 4. Amplification was done using the AmpFISTR Identifiler Plus and Yfiler PCR Kit. 5. Electrophoresis was carried out using Genetic Analyzer 3130xl. 6. Reagent Blank, Positive Control and Negative Control were carried out along with the analysis.
QP97XH	According to mtDNAU policy, insertions following nucleotide position 309 are not named. Instead, length variants in the HV2 C-stretch area are denoted by the number of cytosine residues observed. (C7 = no insertion, C8 = 309.1, C9 = 309.2, C10 = 309.3, etc.). When a sequence has a T to C transition at position 310, it is notated 310C and no insertions or deletions relative to the rCRS at 303-315 are noted.

TABLE 10

WebCode	Additional Comments
	[From Table 8b - Mitochondrial DNA Results, HVRII, Items 2 and 3: "C7"]
QPDN2J	Concordant results were obtained with Identifiler and Minifiler amplifications.
QTJZB7	Forensic Biology tests done by forensic biologist.
R4CWEQ	No DNA profile was detected/obtained for item 4, therefore both Item 1 and Item 2 are excluded as contributors.
R9MWW7	Questioned samples were amplified with the Identifiler® Amplification kit. Known samples were amplified with the Profiler Plus® and CoFiler® Amplification kits. *HT = hematrace.
RA6BNE	For item CTS 14-571 #4, genetic activity was observed at the CSF1PO locus designated as a 12 on a 5 second injection. The peak height ratio was calculated to be 11.2%. The genetic activity was interpreted as elevated or possibly additive (N+4/N-4) stutter. Our established stutter threshold for this locus is 10%. It should be noted that this activity could also indicate the possibility of an additional donor to the sample.
RNTCTC	Identifiler Direct Kit used for the reference samples Items 1 & 2; Identifiler Plus Kit used for the questioned stains Items 3 & 4. Section Policy allows for analyst discretion based upon training and experience in the screening of evidence. It does not require every stain to be tested for every body fluid. Items 3 & 4 were both dark red/brown stains and uniform in color (not diluted).
T6HRHJ	ONLY SEROLOGY
T7P4YK	*Item 1 mtDNA sequenced bases in HV1 continues to 16569.
T9F2XR	DYS635 INC = Inconclusive
TEJ8BA	NT = not tested. NR = no results.
TJ7RJV	Item 2 was amplified with subregions and HV1B revealed the presence of a mixture. When reamplified with the full HV1 region, no mixture was observed. Based on a similar situation in prior casework, it is likely an extraneous DNA, consistent with a bacterial DNA (like toxoplasmosis) inherent to the sample, was observed in the HV1B amplification. Therefore, HV1 and HV2A, HV2B were used for the final sample profile.
TPEXLA	Part 1: Screening tests [Table 1] conducted only.
TTUJ89	-- Possible additional genetic information may be present. No additional peaks were detected; detected data is below the stochastic threshold.
TVR4P3	NIR - No Interpretable Results (reported in Y chromosome section [Tables 5 & 6 YSTR Results]).
TXML6A	1) Extraction for Item 1 and Item 2 was carried out using the Chelex extraction method. 2) Extraction for Item 3 and Item 4 was carried out on the Tecan Freedom Evo 150 using the DNA IQ System. 3) Quantitation was carried out using the Quantifiler kit by Applied Biosystems. 4) Amplification for crime samples were carried out using the AmpFISTR Identifiler Plus by Applied Biosystems. 5) Y-STR analysis was carried out using the Y-Filer kit from Applied Biosystems. 6) Electrophoresis was carried out on the 3130xl Genetic Analyser[sic].
U2UN3X	Also includes page 5A for the additional locus D22S1045 results.
U3NF8M	Identifiler Direct used for Item 1 and Item 2. Identifiler Plus used for Item 3 and Item 4. The less than 20 allele designation for DYS635 indicates the allele sized less than the smallest ladder allele for that marker. The size calculation for the allele detected was consistent with a 17. Only Item 3 was amplified and typed with YSTRs to satisfy the FBI/QAS requirement for different technologies and to compare the sample to the consensus Y-STR results. The Data Interpretation results are based on Identifiler Direct/Plus data. **If the less than symbol is used in this box all subsequent text is deleted after saving**
UDB7AW	In my opinion the full STR profiles obtained from items 1, 2, 3, and 4 all originate from blood.
UEE6ZF	No STR results obtained for substrate controls from Items 3 & 4.
UKZ9EC	The genotypes identified from Item 3 (Victim's shirt) are consistent with the known genotypes of the suspect. The genotypes identified from Item 4 (suspect's shirt) are consistent with the known genotypes of the victim.

TABLE 10

WebCode	Additional Comments
UREU8T	MiniFiler analysis was also performed on all exhibits. The results were concordant with the Identifiler Plus results presented.
UVKWR6	NR means No Results. Sample 2014P0040-0004A The sample produced no profile with Identifiler or Y-Filer. The result was thought to be due to inhibition. As I am not trained in another form of extraction, the only other option to obtain an autosomal profile was to amplify the sample with PP16. The sample was amplified with PP16 and resulted in a full profile.
V42BEU	1) Items 1 & 2 were tested with Cofiler/Profiler Plus. 2) Items 3 & 4 were tested with Identifiler.
VCK9VY	Male DNA Y-screening results using Plexor HY system: Item 3 - Male DNA was detected, Item 4 - No Male DNA was detected.
VE3K6B	Minifiler was also used to amplify all samples. Concordant results were obtained with all items for Identifiler and Minifiler.
VFUR3V	Our lab reports Hematrace and Ouchterlony positive results as: "suggesting the presence of human blood..."
VNEMVV	Item 3: Questioned stain from the victim's shirt (Plexor HY/male DNA) - Positive. Item 4: Questioned stain from the suspect's shirt (Plexor HY/male DNA) - Negative.
VWVEM3	Results reported are those of a combination of Identifiler Plus and MiniFiler.
W2N9RE	Concordant DNA types obtained for Item 3 using Identifiler Plus and Minifiler.
W2WH9T	Item 1 not analyzed for Y-STR DNA. No Y-STR DNA profile obtained for item 4.
WAZA4A	NT = not tested. NR = no results.
WB8KXE	*According to mtDNAU policy, insertions following nucleotide position 309 are not named. Instead, length variants in the HV2 C-stretch area are denoted by the number of cytosine residues observed (C7 = no insertions; C8 = 309.1; C9 = 309.2; C10 = 309.3, etc.). When a sequence has a T to C transition at position 310, it is notated 310C and no insertions or deletions relative to the rCRS at 303-315 are noted. [From Table 8b - Mitochondrial DNA Results, HVRII, Items 2 & 3: "*C7"]
WFCLQG	A minor 16 allele was detected at genetic locus D18S51 from item 1 (Known blood from victim). This allele is consistent with elevated n-4/n+4 stutter, exceeding our laboratory's stutter threshold for this locus by 0.8%. The profile from item 1 is consistent with a single source known standard and reported as such.
WKHX24	Only Items 1 & 2 analyzed.
WY3ANH	ID Direct used for Item 1 and Item 2. ID Plus used for Item 3 and Item 4. Item 3 examined using ALS since scenario describes "physical assault" without information regarding the nature of the assault.
WYJCJM	Reference samples were typed with both STR amplification kits Identifiler and PowerPlex 16, evidence samples were typed with Identifiler only.
XDUDN2	Item 4 was extracted using the QIAmp DNA Mini Kit and a low concentration was obtained using the Plexor HY system. This sample was amplified using the PowerPlex 16 system and electrophoresed using the ABI 3130xL genetic analyzer and a partial profile was obtained (the color of the fabric for this Item could have been a factor/possible inhibition). This sample was re-extracted using the Organic extraction and quantified using the Plexor HY system, amplified using the PowerPlex 16 system and electrophoresed using the ABI 3130xL genetic analyzer and a full profile was obtained. The results from the Organic extraction were reported.
XRALFP	[From Table 4 - STR Results - Part III: "NT = Not Tested"]
XRFA2X	Stats for Item 3: The probability of randomly selecting an individual with the same DNA profile is 1 in a number greater than the current world population for the African-American, Caucasian, and Southwestern Hispanic population. Stats for Item 4: The probability of randomly selecting an individual with the same DNA profile is 1 in a number greater than the current world population for the African-American, Caucasian, and Southwestern Hispanic population.
XUPPGW	DNA analysis was performed as follows: (1) DNA extraction was performed on the Qiagen BioRobot EZ-1



TABLE 10

WebCode	Additional Comments
	Advanced XL using the EZ-1 Investigator Kit chemistry. (2) Quantification was performed on the Applied Biosystems 7500 using the Applied[sic] Biosystems Quantifiler Duo Kit. (3) Amplification was performed on the AB 9700 thermal cycler. (4) Data collection and analysis done using the AB 3500-xl Genetic Analyzer and GeneMapper ID-X software. Loci not included in PP16 amplification kit left blank on pages 3 and 4 of data sheet [Tables 2 & 3 - STR Results].
Y64B4K	Items 1 & 2 ampmed with Profiler/Cofiler. Items 3 & 4 ampmed with Identifiler.
YHHPNP	DYS635 (Yfiler) for Items 2 and 3 are being reported as the calculated allele "17" though they were originally off-ladder/out-of-marker-range in GMID-X.
YXJ9RN	DYS635 inconclusive.
Z4RUGG	Y-STR results analyzed for database purposes only.
Z8KYUV	KM used to determine the presumptive presence of blood. Results are a combination of Identifiler Plus + MiniFiler.
Z8PEHF	The DNA profiles of samples amplified with Minifiler were concordant with the DNA profiles obtained from the same samples amplified with Identifiler Plus. Items 3 and 4 were amplified with Identifiler Plus and Items 1 and 2 were amplified with Identifiler. Item 4 mtDNA np 49-52 single-stranded. Item 3 was amplified with mtDNA subregions and HV1B revealed the presence of a mixture. When amplified with the full HV1 region, no mixture was observed. Based on a similar situation in prior casework, it is likely an extraneous DNA, consistent with a bacterial DNA inherent to the sample (e.g. toxoplasmosis), was observed in the HV1B amplification. Therefore, HV1 and HV2A, HV2B were used for the final sample profile.
ZAYBA4	NR = No Results
ZJK3FM	Only tested for blood based on BEAST narrative. NR=No Results
ZMG9WR	Forensic biology unit performed RSID & KM testing. Analyst performed KM testing. NR = No Results.
ZN4C6T	Male DNA Detection (Plexor HY system) - Item 3: Male DNA detected - quant value: 1.530 ng/μL. Item 4: No male DNA detected.
ZQT9QL	NSD = No size data

# Appendix: Data Sheet

Collaborative Testing Services ~ Forensic Testing Program

\*\*\*\*\*

## Test No. 14-571: Forensic Biology

DATA MUST BE RECEIVED BY March 10, 2014 TO BE INCLUDED IN THE REPORT

Participant Code:

WebCode:

### Accreditation Release Statement

CTS submits external proficiency test data directly to ASCLD/LAB and ANSI-ASQ NAB/FQS. Please select one of the following statements to ensure your data is handled appropriately.

- This participant's data is intended for submission to ASCLD/LAB and/or ANSI-ASQ NAB/FQS. (Accreditation Release section on the last page must be completed and submitted.)
- This participant's data is NOT intended for submission to ASCLD/LAB or ANSI-ASQ NAB/FQS.

#### Scenario:

Police are investigating the physical assault of woman at her workplace. The victim states that she was attacked by one of her co-workers. The investigators are submitting stains from the victim's shirt and the suspect's shirt for analysis along with blood samples of the victim and the male suspect.

#### Items Submitted (Sample Pack B1):

Item 1: Known blood from the victim.

Item 2: Known blood from the suspect.

Item 3: Questioned stain from the victim's shirt. (tan floral material)

Item 4: Questioned stain from the suspect's shirt. (green material)

### New Online Data Entry Feature!

Report results with ease! Enter your results directly into our new data entry portal or upload your STR and YSTR results from the genetic analyzer. Visit [www.cts-portal.com](http://www.cts-portal.com) to access this new feature. Here you will find a detailed "Help" section to guide you through completing your proficiency test online. If you have any questions please do not hesitate to contact CTS.

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

Page 1 of 8

**Part I: SCREENING TESTS**

**Note: Laboratories submitting their results for ASCLD/LAB or NATA accreditation MUST identify any screening tests performed and report the test results.**

Indicate the results of any screening tests performed on the questioned stains (Items 3 & 4).

Please use the abbreviations listed in this response key to fill in the Screening Test tables on this page. This is not an all inclusive list of tests, and should not be used to determine what tests should be performed. TESTS NOT ON THIS LIST MAY BE USED FOR SCREENING.

Test	Abbreviation	Test	Abbreviation
Acid Phosphatase	AP	Ortho-tolidine	O-tol
Alternate Light Source	ALS	Phenolphthalein-Tetramethyl benzidine	PTMB
Kastle Meyer	KM	Prostate Specific Antigen	PSA
Leucomalachite Green	LMG	Tetramethyl benzidine	TMB
Microscopic	Micro		

**Example**

Please indicate the Test(s) Performed on the corresponding line for each type of screening.

Item	Positive	Negative	Inconclusive	Not Tested	Test(s) Performed
Blood	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	KM, O-tol, PTMB
Semen	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	PSA
Saliva	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Other (specify) _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

	Positive	Negative	Inconclusive	Not Tested	Test(s) Performed
<b>Item 3</b>					
Blood	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Semen	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Saliva	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Other (specify) _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____

	Positive	Negative	Inconclusive	Not Tested	Test(s) Performed
<b>Item 4</b>					
Blood	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Semen	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Saliva	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Other (specify) _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____

**Part II: DNA ANALYSIS**

**TABLE 1a: STR & Amelogenin Results for Known Items**

\* Report alleles in numerical order, separated by a comma.

\* Follow your laboratory procedures for reporting homozygotes.

**STR Amplification Kit Used:**

Please check all that apply.

- COfiler®/Profiler Plus®     PowerPlex® 16  
 Identifiler®                       Other \_\_\_\_\_

ITEM	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
1	<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"/>
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ITEM	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
1	<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"/>
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ITEM	FGA	Penta D	Penta E	TH01	TPOX	vWA
1	<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"/>
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**TABLE 1b: STR & Amelogenin Results for Questioned Items**

\* 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 [ ].

<b>Example</b>	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317	
<b>A</b>	e	14,15	14,15	12	10,11	14	12
	sp	15,16	12,13	12,17	6	18,19	8,11
<b>B</b>	14,15,16	[12],[13], 14,15	12,17	[6],10,11	14,18,19	8,11,12	

<b>ITEM</b>	D2S1338	D3S1358	D5S818	D7S820	D8S1179	D13S317
<b>3</b>						

<b>4</b>						
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<b>ITEM</b>	D16S539	D18S51	D19S433	D21S11	Amelogenin	CSF1PO
<b>3</b>						

<b>4</b>						
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<b>ITEM</b>	FGA	Penta D	Penta E	TH01	TPOX	vWA
<b>3</b>						

<b>4</b>						
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TABLE 1c: YSTR Results

<b>YSTR Amplification Kit Used</b> Please check all that apply.		
<input type="checkbox"/> Yfiler®	<input type="checkbox"/> PowerPlex® Y	<input type="checkbox"/> Other _____

	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
<b>1</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>2</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>3</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>4</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>ITEM</b>	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS635	Y GATA H4
<b>1</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>2</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>3</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>4</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

TABLE 1d: Additional DNA Results

(If additional space is needed, copy this page or attach your own form following this layout)

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

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

**TABLE 2: Mitochondrial Sequencing Results**

List the bases sequenced and base position deviations from the standard Anderson sequence for each item.

		Item 1	Item 2	Item 3	Item 4
Hypervariable Region I (HVR I)	Bases Sequenced				
	Deviations				
Hypervariable Region II (HVR II)	Bases Sequenced				
	Deviations				

If additional space is needed, copy this page or attach your own form following this layout

**Part III: DNA INTERPRETATION**

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

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

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<p><b>Return Instructions:</b> Data must be received via online data entry, fax (please include a cover sheet), or mail by <b>March 10, 2014</b> to be included in the report.</p> <p>QUESTIONS? TEL: +1-571-434-1925 (8 am - 4:30 pm EST) EMAIL: <a href="mailto:forensics@cts-interlab.com">forensics@cts-interlab.com</a> <a href="http://www.ctsforensics.com">www.ctsforensics.com</a></p>	<p>Participant Code: ONLINE DATA ENTRY: <a href="http://www.cts-portal.com">www.cts-portal.com</a> FAX: +1-571-434-1937 or Toll-Free: 1-866-FAX-2CTS (329-2287) MAIL: Collaborative Testing Services, Inc. P.O. Box 650820 Sterling, VA 20165-0820 USA</p>
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## RELEASE OF DATA TO ACCREDITATION BODIES

The following Accreditation Releases will apply only to:

Participant Code:

WebCode:

for Test No. **14-571: Forensic Biology**

This release page must be completed and received by **March 10, 2014** to have this participant's submitted data included in the reports forwarded to the respective Accreditation Bodies.

### **ASCLD/LAB RELEASE**

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

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

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

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

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

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

### **ANSI-ASQ NAB/FQS RELEASE**

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

ANSI-ASQ NAB/FQS Certificate No. \_\_\_\_\_

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

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

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

### Accreditation Release

#### **Return Instructions**

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

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

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

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