



## **Forensic Biology Test No. 10-573 Summary Report**

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This proficiency test was sent to 407 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 331 participants (81% response rate) and are compiled into the following tables:

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

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

# Manufacturer's Information

Each sample pack consisted of two known bloodstains on FTA Genecards (Items 1 & 2), and two questioned stains, one on clean red material (Item 3) and one on clean yellow material (Item 4). The stains in Items 1, 2 and 3 were prepared from human whole blood which was drawn into citric acid preservative bloodbank bags. Item 4 was a mixture prepared from human whole blood and semen. The semen, procured from a cryobank, was from a single donor, but stored frozen in multiple vials at -196° C in liquid nitrogen tanks. The semen was thawed and first mixed 1:1 with TAE buffer, then mixed 1:1 with the blood. This mixture was used to spot the Item 4 substrate. Item 1 was blood collected from a female donor and Items 2 and 3 were blood collected from one male donor. The Item 4 mixture contained the blood of the Item 1 female donor and semen from a donor whose known blood standard was not provided to participants. Stains from different sources were prepared at separate times and were packaged once they were thoroughly dried.

## *Sample Preparation Schedule*

<u>Item</u>	<u>Sample Collected</u>	<u>Prepared</u>	<u>Packaged</u>	<u>Volume</u>
1	March 4, 2010	March 5, 2010	March 5, 2010	75 µl
2	March 4, 2010	March 8, 2010	March 8, 2010	75 µl
3	March 4, 2010	March 8, 2010	March 9, 2010	50 µl
4	Blood: March 4, 2010; Semen: Sept 2005-June 2006	March 5, 2010	March 8, 2010	50 µl

Completed sample sets were stored at -20°C until shipment on April 19, 2010, following receipt of predistribution results.

## *Amelogenin and STR Results*

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

<u>Item</u>	<u>D3S1358</u>	<u>D5S818</u>	<u>D7S820</u>	<u>D8S1179</u>	<u>D13S317</u>	<u>D16S539</u>	<u>D18S51</u>	<u>D21S11</u>
1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
4-Blood	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
4-Semen	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30

<u>Item</u>	<u>Amel</u>	<u>CSF1PO</u>	<u>FGA</u>	<u>TH01</u>	<u>TPOX</u>	<u>vWA</u>	<u>PentaD</u>	<u>PentaE</u>
1	X,X	11,12	19,23	9.3,9.3	8,8	16,18	8,13	5,17
2	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
3	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
4-Blood	X,X	11,12	19,23	9.3,9.3	8,8	16,18	8,13	5,17
4-Semen	X,Y	11,12	22,23	7,9	8,8	15,17	10,12	7,13

<u>Item</u>	<u>D2S1338</u>	<u>D19S433</u>
1	17,20	14,16.2
2	18,21	14.2,15
3	18,21	14.2,15
4-Blood	17,20	14,16.2
4-Semen	23,24	15,15.2

## Manufacturer's Information, continued

### YSTR Results

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

<u>Item</u>	<u>DYS19</u>	<u>DYS385</u>	<u>DYS389-I</u>	<u>DYS389-II</u>	<u>DYS390</u>	<u>DYS391</u>
2	16	17,19	14	31	21	10
3	16	17,19	14	31	21	10
4-Semen	14	12,14	13	29	24	11

  

<u>Item</u>	<u>DYS392</u>	<u>DYS393</u>	<u>DYS437</u>	<u>DYS438</u>	<u>DYS439</u>	<u>DYS448</u>	<u>DYS456</u>	<u>DYS458</u>	<u>DYS635</u>	<u>YGATAH4</u>
2	11	15	14	11	11	21	17	17	22	11
3	11	15	14	11	11	21	17	17	22	11
4-Semen	13	13	15	12	12	19	16	16	23	12

### Mitochondrial DNA Sequencing Results

**Bases Sequenced**

*The following range of bases sequenced for each Item reflects the consensus results of the base pairs, as compiled from predistribution laboratories and a consensus of at least 10 participants.*

<u>Item</u>	<u>HVR-I</u>	<u>HVR-II</u>
1	16189-16399	73-315.1
2	16172-16390	73-368
3	16172-16390	73-368

#### HVR I Region

	16172.0	16189.0	16192.0	16223.0	16256.0	16270.0	16278.0	16362.0	16390.0	16399.0
<b>ITEM 1</b>		C	T		T	T		C		G
<b>ITEM 2</b>	C	C		T			T		A	
<b>ITEM 3</b>	C	C		T			T		A	

#### HVR II Region

	73.0	93.0	146.0	150.0	152.0	182.0	195.0	198.0	263.0	269.0	315.1	325.0	368.0
<b>ITEM 1</b>	G								G		C		
<b>ITEM 2</b>	G	G	C	T	C	T	C	T	G	T	C	T	G
<b>ITEM 3</b>	G	G	C	T	C	T	C	T	G	T	C	T	G

# Summary Comments

The 10-573 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 was blood collected from a female donor and Items 2 and 3 were blood collected from one male donor. The Item 4 mixture contained the blood of the Item 1 female donor and semen from a donor whose known blood standard was not provided to participants. (See Manufacturer's Information for preparation details)

Data were returned by a total of 331 participants, 323 of whom reported DNA results. The remaining 8 participants reported only screening results.

## Screening Test Results

For Item 3, all 299 participants reporting screening results for blood were positive. All 253 participants that reported results for semen were negative. All 83 participants that reported saliva results were negative.

For Item 4, all 299 participants reporting screening results for blood were positive. All 295 participants that reported results for semen were positive. All 85 participants that reported saliva results were negative.

## DNA Analysis Results

Of the 323 participants reporting DNA results, 16 did not report interpretations with the majority stating that they analyzed the samples for database purposes only.

Of the 307 participants that reported DNA interpretations, all participants reported that the victim was not a contributor to the Item 3 stain and was a possible contributor to the Item 4 mixture. Of the 306 participants that reported interpretation results for Item 4, there were 296 participants that reported that the suspect was a possible contributor to the Item 3 stain and was not a contributor to the Item 4 mixture. The remaining 10 participants reported inconclusive for the Item 4 mixture due to laboratory policy regarding mitochondrial testing of mixtures. An additional participant did not make interpretations for Item 4 because they did not analyze it.

Thirteen participants reported allelic results that were inconsistent with the consensus/predistribution testing results. Eight participants reported additional alleles at one or more loci. Five participants were missing alleles at one or more loci. Two participants reported inconsistent alleles at one locus. Additionally, there were thirty participants that reported "INC", "\*" or other lab specific notations at various loci.

# 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			
	Blood	Semen	Saliva	Other
27D7AE	Pos KM	Neg AP	Neg Phadebas Press	
2AG3V2	Pos KM	Neg AP, Micro	NT	
2BTPF2	Pos O-tol, hematrace	Neg AP	NT	
2HZ6FB	Pos KM, Hematrace	Neg AP	NT	
2LFZUM	Pos KM, HemaTrace	Neg AP, PSA	Neg RSID	
2N4923	Pos o-tol, Hematrace	Neg AP	Neg Phadebas	
2R4FMZ	Pos KM	Neg ALS, AP	NT	
2RX96E	Pos KM, AP, Phadebas	Neg	Neg	
2U934B	Pos KM	Neg AP	Neg Radial Diffusion	
2YZD23	Pos KM	Neg AP	NT	
2ZH9XW	Pos KM, Takayama	Neg AP	NT	Human Origin, Pos Quantifiler
32P3V8	Pos KM, Hematrace	NT	NT	
368ZPP	Pos O-tol	Neg AP	Neg Radial diffusion (amylase)	Blood-human confirmatory test, Pos RSID (glycophorin A)
37CU4W	Pos O-tol	Neg AP, Micro, Alternate light source, P30	Neg Amylase gel	
3DYJ4X	Pos KM	Neg ALS, AP	NT	
3EM76Z	Pos KM	NT	NT	
3GDGVT	Pos LMG, HemaTrace	Neg ALS, AP	NT	
3HXP3	Pos KM+	Neg BCIP=	NT	ALS/450 nm, Neg No fluorescence observed
3NTV36	Pos KM, ABACard (HT)	NT	NT	
3QYHC6	Pos O-tol, Micro	Neg AP, PSA, Micro	NT	
3RRDYD	Pos KM, ABA Card	Neg AP, PSA, Micro	Neg Phadebas	
42DPWA	Pos KM, HemDirect	Neg AP	NT	
42YV6V	Pos TMB, OBTI test	Neg AP, PSA		
4442M3	Pos KM	Neg (-) AP, Micro for sperm (-)	Neg Amylase, Micro (-) for nucleated epithelial cells	
46VMB8	Pos KM	NT	NT	
4DE8WC	Pos O-tol	Neg AP	NT	
4FGBYY	Pos KM	Neg AP	NT	
4UFZF6	Pos LMG	Neg AP, PSA	Neg RSID Amylase Test	
4UG4V3	Pos LMG, HemaTrace	Neg light source, AP	NT	
62UBZK	Pos O-tol, Hematrace	Neg AP, Micro, PSA	Neg RSID a-amylase	

TABLE 1a - Item 3

Webcode	Fluid ID				Other	
	Blood	Semen	Saliva			
63BJ47	Pos KM	Neg AP, micro	Neg Amylase radial diffusion micro			
68KPXR	Pos KM, Takayama	Neg AP, micro, PSA	NT	Human, Pos	Quantifiler	
6BXGV8	Pos KM, Hematrace	Neg AP	NT			
6CFF43	Pos Hemastix, HemaTrace	Neg p30/PSA	Neg RSID Saliva			
6D6466	Pos Hematrace Abacard	Neg p30, micro	NT			
6FUCCK	Pos KM	Neg AP, Micro for Sperm	Neg Amylase, Micro for Nucleated Epithelial Cells			
6GC32X	Pos KM (PH), HemaTrace	Neg ALS, AP, PSA	NT			
6HZP3Z	Pos KM	Neg AP, Micro	NT			
6JQ2TT	Pos O-tol	Neg Micro, PSA, ALS	Neg Amylase, ALS			
6MTUUH	Pos KM, Hematrace	Neg AP	NT			
6QTD8X	Pos LMG, HemaTrace	Neg AP	NT			
6QX9RA	Pos KM, Takayama	Neg AP, micro	Neg amylase			
6V6QW4	Pos RSID - Blood	Neg RSID - Semen	Neg RSID - Saliva			
6WHVJN	Pos KM	Neg AP	NT			
6Y62R4	Pos HemaTrace	Neg AP, PSA, Micro	NT			
72M6YV	Pos FOB	Neg PSA	NT			
72PEYD	Pos KM, Hematrace	Neg AP	NT			
72R39C	Pos KM	Neg AP, Sperm Search	NT			
742UUY	Pos o-tol	Neg AP	NT			
76PGV2	Pos KM	NT	NT			
778BAH	Pos KM	NT	NT			
7GY2DB	Pos KM test	Neg AP Test	Neg Phadebas Press Test			
7JA42T	Pos LMG	Neg AP	NT			
7R7YEJ	Pos LMG	Neg AP				
7XD8YU	Pos TMB, Takayama	Neg AP, PSA, Micro	Neg a - Human Amylase			
7XTKD6	Pos KM, Hematrace	Neg AP, Micro, PSA	Neg Phadebas	Human Origin, Pos	QF	
7XTL9N	Pos KM, Combur (TMB)	Neg AP, PSA	Neg Phadebas			
7YK9H2	Pos LMG & RSID - blood	Neg AP, RSID - Semen, Micro				
8748TC	Pos KM, Takayama	Neg AP	NT	Human Origin, Pos	Quantifiler	
8EB649	Pos LMG, Hematrace	Neg AP	NT			
8F6UKA	Pos KM	Neg AP, micro, PSA	NT			
8HC9XG	Pos KM, Hematrace	Neg AP	NT			
8HTUGD	Pos Luminol	NT	NT			

TABLE 1a - Item 3

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
8KDAZY	Pos KM, Hexagon OBTI	Neg AP	NT		
8M3MHG	Pos Hematrace	Neg AP, PSA			
8RKLCY	Pos KM, Hematrace	Neg AP	NT		
98QW96	Pos LMG, Hematrace	Neg AP	NT		
9AT8AR	Pos LMG, Ouchterlony (anti-HuHb)	Neg AP, Micro, PSA	Neg Amylase, micro		
9F4L9X	Pos Kastle-Meyer	Neg TMP	NT		
9PBVMV	Pos KM	Neg AP	NT		
9QYDMA	Pos KM	Neg AP	Neg Phadebas		
9X2K2D	Pos TMB	Neg AP, Micro, PSA		Human Origin, Pos	Quantifiler Human, Quantifiler Y
A3826C	Pos KM, hematrace	Neg AP, Micro, PSA	Neg RSID		
A6DJ48	Pos LMG	Neg PSA	Neg SALIgAE		
A7U44Q	Pos O-tol, Hematrace	Neg AP	NT		
ABHHEX	Pos LMG	Neg AP, PSA	NT		
ACYE8X	Pos LMG, RSID Blood	Neg AP, RSID Semen, Micro			
AGG98A	Pos O-tol	Neg AP, micro	Neg RSID		
AJ6HFP	Pos O-Tol, Hematrace	NT	NT	Human blood,	Hematrace
AL8EUX	Pos KM, Hexagon OBTI	Neg AP	NT		
AMWTCG	Pos KM	Neg AP, micro	Neg Phadebas		
AQF8FG	Pos KM	Neg AP, micro for sperm	Neg Amylase, micro for epithelial cells	human, Pos	qPCR, STR DNA profile, mtDNA profile
AXZYAP	Pos PTMB				
AZMLXB	Pos KM, Hematrace	Neg AP	Neg RSID	Human Origin, Pos	Quantifiler, Hematrace
B2D8RK	Pos LMG	Neg Alternate Light Source, AP	NT		
B447JQ	Pos KM	Neg ALS, AP	NT		
B4JLFE	Pos KM, Hematrace	NT	NT		
B6TTKR	Pos KM	NT	NT		
B82UL8	Pos KM	Neg AP	Neg Phadebas		
B8H2T9	Pos KM	Neg P30, AP	Neg RSID		
B93K8F	Pos LMG	Neg AP	NT		
BCWJEJ	Pos LMG	NT	NT		
BDB379	Pos O-tol	Neg AP, Micro	NT		
BH3EYJ	Pos LMG	NT	NT		
BJHEH9	Pos KM, Takayama, HemaTrace	Neg AP	Neg RSID	Human Origin, Pos	QF, HemaTrace
BLL6QA	Pos KM, HemDirect	Neg AP, PSA	Neg RSID		

TABLE 1a - Item 3

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
BQBDRN	Pos KM	Neg AP	NT		
BTH3YJ	Pos LMG, HemaTrace	Neg Light Source, AP	NT		
BVFD CZ	Pos KM, HemDirect	Neg AP, PSA	Neg RSID		
BVMWG4	Pos TMB, Hematrace	Neg PSA/P30	Neg RSID Saliva		
BZKFRZ	Pos KM				
C2A3T3	Pos LMG, Hematrace	Neg AP	NT		
C6R6V4	Pos KM	NT	NT		
C7JERN	Pos O-tol, HemaTrace	Neg AP, PSA			
CBE6YL	Pos KM, Hexagon OBTI	Neg AP	NT		
CBU2AE	Pos KM	Neg AP	NT		
CCU7D9	Pos KM	Neg AP	NT		
CGZ8U7	Pos KM, Hematrace	Neg AP	NT		
CHMB7D	Pos KM	Neg AP	NT		
CNK42Z	Pos TMB	NT	NT		
CXV7JK	Pos KM, Takayama	Neg AP	NT	Human, Pos	Quantifier
D22HFJ	Pos O-tol	Neg AP, micro, PSA	Neg Amylase Diffusion		
DAY7FW	Pos LMG	Neg AP, PSA, Micro	Neg Amylase (RSID)		
DCMQBR	Pos LMG, HemaTrace	Neg AP			
DGMPIX	Pos KM	Neg AP	Neg Amylase Radial Diffusion		
DHDZLQ	Pos TMB	Neg AP	NT		
DHTBAX	Pos LMG, Hematrace	Neg AP, PSA, Micro	NT		
DJ378H	Pos LMG, HemaTrace	Neg AP	NT		
DLWVNH	Pos KM, Takayama	Neg AP	NT	Human, Pos	QF
DQ9YEK	Pos Otol	NT	NT	HuHb, Pos	Hematrace
DTEGDG	Pos KM	Neg AP	NT		
E49KWV	Pos KM	Neg AP	NT		
EEBAZW	Pos KM	Neg AP, Micro	Neg Amylase Radial Diffusion		
EERPWK	Pos O-tol	Neg AP	Neg RSID (amylase)		
EG3DPX	Pos TMB	Neg AP	NT		
EJXMLL	Pos Hexagon OBTI				
ELRGDN	Pos KM	Neg AP	NT	Human Origin, Pos	QF
ERWLFM	Pos O-tol	Neg AP	NT		
EVVD7	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg RSID		
F2H9NU	Pos LMG	Neg AP, PSA, Micro	Neg RSID Amylase		
F38KEM	Pos KM	Neg AP, Micro	NT		

TABLE 1a - Item 3

Webcode	Fluid ID				Other	
	Blood	Semen	Saliva			
F3WN73	Pos Hemident, Hematrace	Neg Micro, Abacard p30	NT			
FA9R33	Pos KM, Hematrace	Neg AP, PSA	Neg RSID			
FGQZQY	Pos Phen, TMB	Neg AP, P-30, Micro	Neg Amylopectin Azure	AHP, Pos	AHP	
FNTDJF	Pos KM test	Neg AP test	Neg Phadebas press test			
FPAELH	Pos KM	Neg AP	NT			
FTBFNZ	Pos KM	Neg PSA, Micro	NT	human, Pos	QF	
FU2JD2	Pos Hemident, Hematrace	NT	NT			
FUEEJ3	Pos KM, Hematrace	Neg AP, PSA	NT			
GBH2QU	Pos Hematrace Abacard	Neg p 30, micro	NT			
GCBJKM	Pos KM	NT	NT			
GFBVGM	Pos KM	Neg AP	NT			
GG69UK	Pos O-tol, hematrace	Neg AP	NT			
GYVXJM	Pos Visual, KM(+)	Neg AP(=)	NT			
H4VXWW	Pos LMG, Hematrace	Neg Brentamine	NT			
H72DBF	Pos KM, Hexagon OBTI	Neg AP	NT			
H7KUCW	Pos LMG, Hematrace	Neg AP	NT			
H7PH3U	Pos LMG	Neg AP	NT			
HF8R33	Pos KM, Hematrace	Neg Micro, AP, PSA	Neg RSID - Saliva			
HJCRME	Pos O-tol	NT	NT			
HJUJWY	Pos KM	Neg AP	NT	Human, Pos	Quantifiler	
HMUURY	Pos KM, Hematrace	Neg AP	NT	Human Origin, Pos	Quantifiler	
HQRCT8	Pos O-tol	Neg AP, P30, Micro	Neg Amylase			
HRMYJH	Pos KM, Hematrace	NT	NT			
HXQNHV	Pos LMG, Hematrace	Neg AP	NT			
J2JHZA	Pos KM	Neg AP	NT			
J48G8Z	Pos KM, HemaTrace	Neg AP, micro, PSA	Neg RSID			
J6AMT8	Pos KM	Neg AP	NT			
JBR8LL	Pos TMB	Neg AP	NT			
JGMJFY	Pos Color, O-tol, phenolphthalein	Neg AP, Micro	NT			
JN42NZ	Pos Hemident, Hematrace	Neg ABACard p30, Micro	NT			
JTG4DG	Pos TMB, Takayama	Neg PSA, micro	Neg $\alpha$ human salivary amylase			
JUP8W7	Pos KM, HemaTrace	Neg AP	NT			
K22RKN	Pos LMG, HemDirect	Neg AP	NT			
K8AAR4	Pos KM, HemaTrace	Neg AP	NT			
KA33ZU	Pos LMG	Neg AP, Micro, PSA	NT			

TABLE 1a - Item 3

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
KGJF2D	Pos O-tol	NT	NT	Human blood, Pos	Hematrace
KMZMD7	Pos TMB	NT	NT		
KNY7HY	Pos KM, Hematrace Card	Neg AP, Micro, PSA	NT		
KP7H4G	Pos KM	NT	NT		
KVYL97	Pos KM	Neg PSA, Micro	NT		
KY3CG8	Pos O-tol, RSID	Neg AP	Neg amylase diffusion	Human, Pos	RSID blood
KZCGUV	Pos phenolphthalein, o-tol, color	Neg AP, micro	NT		
L6K66C	Pos O-tol	Neg AP	NT	Pos	Hematrace - human blood
L8KZ6Z	Pos Luminol	NT	NT		
LB4V8R	Pos LMG, Hematrace	Neg AP	NT		
LJACLY	Pos TMB	Neg AP, Micro, PSA	NT	Human, Pos	Human and Y Quant
LKCUT	Pos TMB, Phen	Neg AP, P-30, microscopic	Neg Amylopectin Azure test	species, Pos	AHP
M4WCDD	Pos O-tol, hematrace	Neg AP, PSA			
MD7UWW	Pos KM, Hematrace	Neg AP, Micro, p30	NT		
MHYLGM	Pos LMG	Neg AP	Neg RSID-amylase		
MPKMQX	Pos KM, Takayama	NT	NT	Human Origin, Pos	Quantifiler
MRMBNU	Pos KM	Neg AP, PSA, Micro	Neg Phadebas		
MTLQK6	Pos O-tol, RSID blood	Neg AP (naphthyl phosphate)	NT	human origin, Pos	RSID blood
N2CTX2	Pos PTN	Neg AP	NT		
N734WD	Pos KM	Neg AP			
N9XN3B	Pos TMB	NT	NT		
NB2JLE	Pos KM, Hematrace	Neg AP, PSA, Micro, ALS	NT		
NCQLGG	Pos KM	Neg AP	NT		
NDGF6R	Pos Fob Test	Neg AP, PSA	NT		
NG8VYE	Pos Phenolphthalein, Hematrace	Neg AP, PSA(p30)	NT		
NHWHZG	Pos O-tol, HemDirect, Micro	Neg AP, PSA, Micro	Neg Amylase Diffusion		
NJMLPG	Pos KM	Neg AP, micro for spermatozoa	Neg Amylase, micro for nucleated epithelial cells		
NJVPFF	Pos KM	Neg BCIP	NT		
NQQMUH	Pos KM, Hematrace	Neg AP	NT		
NY7BY6	Pos LMG	NT	NT		
NYFF29	Pos LMG, Hematrace	Neg AP	NT		
P28YW2	Pos PTMB	Neg AP			
P6RKL9	Pos KM, Hematrace	Neg AP, PSA, Micro	Neg Phadebas		

TABLE 1a - Item 3

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
P72MGK	Pos KM, HemDirect	Neg AP, PSA	Neg RSID		
P7GTUN	Pos KM, Takayama	Neg AP, Micro	Neg Amylase Radial Diffusion		
P9RX8D	Pos Phenolphthalein, HemaTrace	Neg AP, Micro	NT		
PGGD9A	Pos PTMB	Neg AP	NT	Human origin, Pos	QF
PGHGLL	Pos KM			Human DNA	Quantifiler
PLZEF4	Pos LMG, Ouchterlony	Neg AP	NT	Human, Pos	Ouchterlony, Quantifiler
PNZPAH	Pos LMG, ABACard Hematrace				
Q3KMUC	Pos KM, Hematrace	Neg ALS, AP	NT		
QBB69L	Pos TMB, Hemachromogen, HT	Neg AP	Neg Phadebas	Human, Pos	Ouchterlony, HT
QET343	Pos KM	Neg AP	NT		
QGUY3Q	Pos LMG	Neg AP			
QH84MM	Pos LMG, Hematrace	Neg AP	NT		
QQ22GH	Pos LMG	Neg AP	Neg RSID-Amylase		
QT9JED	Pos KM, TMB	Neg AP, Micro			
R3PUYP	Pos LMG, Hematrace	Neg AP	NT		
R79KRE	Pos KM, Hematrace	Neg AP, Micro	NT		
R7Q4JL	Pos LMG, Hematrace	Neg Brentamine	NT		
RB6B3K	Pos TMB	Neg AP			
RFN9X3	Pos KM, HemaTrace	Neg AP	NT		
RGVJHK	Pos KM	Neg AP, PSA, Micro	Neg Phadebas		
RHTTMM	Pos O-tol	Neg AP	NT		
RNDXD3	Pos LMG, HemDirect	Neg AP	NT		
RNPTMN	Pos LMG, Hematrace	Neg AP	NT		
RUUP7N	Pos LMG, Hematrace	Neg AP	NT		
RXCHAH	Pos KM, Hematrace	Neg AP, PSA, Micro	NT	Semen, Inc	ALS (Alternate Light Source)
RXDRAP	Pos KM	NT	NT		
RYBYQ8	Pos KM, HemDirect	Neg AP, Micro	Neg Amylase Diffusion		
RYEFYD	Pos Phen, KM	Neg AP, Micro	Neg Radial Diffusion		
RYNMWZ	Pos KM	Neg AP	NT		
T2YWFP	Pos Hemident, Hematrace	NT	NT		
T38ZCL	Pos O-tol	Neg AP	NT		
T6WB3E	Pos Hematrace	NT	NT		
T9F9WW	Pos KM	Neg AP	NT		

TABLE 1a - Item 3

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
TALU8R	Pos TMB	Neg AP, Micro, PSA	NT		
TCDN8E	Pos Hemastix, HemaTrace	Neg AP	NT		
TH7PRR	Pos KM	Neg AP	NT		
TK7LRF	Pos KM	Neg AP	NT		
TKJMKM	Pos LMG, Hematrace	Neg AP	NT		
TL9N3K	Pos LMG	Neg AP	NT		
TNNETM	Pos KM, HemaTrace	NT	NT		
TRNUFD	Pos KM	NT	NT		
TU3TWL	Pos LMG	Neg AP	NT		
TVADEU	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg RSID		
U68RKK	Pos TMB, Phen	Neg AP, P-30, Micro	Neg Amylopectin Azure	Species Determination, Pos	AHP
U7LX4G	Pos Hema-Trace	Neg p-30, (micro)spermatozoa not seen			
U8X6HP	NT	NT	NT	human male DNA, Pos	Y-screening
UGQRRF	Pos LMG, HemDirect	Neg ALS, AP Spot	NT		
UHFETH	Pos O-tol	Neg AP, Micro, PSA	Neg Amylase diffusion		
UHZW64	Pos KM, HemDirect	Neg AP, Micro, PSAcard	NT		
UK6N2X	Pos KM	Neg AP, Micro (no sperm observed)	Neg Amylase, Micro (no epithelial cells)		
UM6V4P	Pos KM, Hematrace	Neg AP, PSA			
UPWUGM	Pos KM	Neg AP	Neg Phadebas		
UQREJC	Pos LMG	Neg AP	NT		
UTW7DM	Pos KM	NT	NT		
UYN2KK	Pos TMB, Phenolphthalein	Neg AP, p-30, micro	Neg amylopectin azure	human origin, Pos	antihuman precipitin
UZECDD	Pos LMG	Neg AP	NT		
VB7HHH	Pos KM	Neg AP	NT	Human, Pos	QF
VCRQBJ	Pos LMG	Neg ALS, AP	NT		
VDHYBL	Pos Hemident, Hematrace	NT	NT		
VHPBPT	Pos TMB	Neg AP	NT		
VJ7TXL	Pos LMG	Neg AP, PSA	Neg RSID (Amylase)		
VNW8HM	Pos KM	Neg AP	NT		
VQ6HFB	Pos KM, Hexagon OBTI	Neg AP	NT		
VRF3KE	Pos HemaTrace	Neg AP, PSA	NT		
VXMWBU	Pos KM	NT	NT	Species of Orig., Pos	Quantifiler Human
W22KHJ	Pos PTMB, ABA Card-Blood	Neg AP	Neg Phadebas		

TABLE 1a - Item 3

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
W4M2KJ	Pos KM	Neg AP, Micro, PSA	Neg Phadebas		
W72XB4	Pos KM	Neg Alternate light source (ALS), AP	NT		
W9LF9A	Pos Human Glycophorin A	Neg Human Semenogelin	NT		
WBA7VE	Pos KM	Neg AP, micro	Neg Amylase	Human, Pos	Quantifiler
WCXTWF	Pos TMB	Neg AP, PSA, Micro	NT		
WEM36W	Pos KM	Neg AP, Micro for sperm	Neg Amylase Radial Diffusion, Micro for NECs		
WL476Q	Pos Luminol	NT	NT		
WNEM9B	Pos Micro, Chromotogram[sic]	Neg Micro, Chromotogram[sic]	Neg Micro, Chromotogram[sic]		
WNRCCCL	Pos KM	Neg AP	NT		
WTENQJ	Pos O-tol	Neg AP	NT		
WU6YGC	Pos Takayama	Neg AP	Neg RSID Saliva		
WX7V9R	Pos KM	NT	NT		
WZLLYU	Pos KM	Neg AP	NT		
X6YPJV	Pos KM	NT	NT		
XB72WV	Pos LMG, Ouchterlony	Neg AP	NT	Human, Pos	Ouchterlony, Quantifiler
XG74FG	Pos LMG, Hematrace	Neg AP	NT		
XJ2YM6	Pos KM	Neg ALS, AP	NT		
XNVTMQ	Pos KM	Neg ALS, AP	NT		
XTPYXM	Pos KM, Hematrace	Neg AP, Micro, PSA	NT		
XUFKP8	Pos KM	NT	NT		
XVX3RY	Pos KM	Neg AP	Neg Phadebas		
XW3V76	Pos KM	Neg AP	NT		
Y6E6FJ	Pos LMG	Neg AP	Neg RSID Amylase Test		
Y74HX2	Pos KM	NT	NT		
YNP3RT	Pos KM, Hematrace	Neg AP, PSA	NT		
YWHHEB	Pos KM	Neg AP, Micro	Neg phadebas	Human, Pos	Quantifiler Human
YXCZJT	Pos KM	Neg AP, Micro for sperm	Neg Micro for E Cells, Amylase Radial Diffusion		
Z33PLH	Pos LMG	Neg AP	Neg RSID Amylase Test		
Z37H7C	Pos KM, Takayama	Neg AP, Micro	Neg Radial diffusion		
ZA63EY	Pos KM, Hematrace	NT	NT		
ZDZXYT	Pos KM	Neg AP			
ZGKAQQ	Pos KM	Neg AP	NT		
ZTB7RP	Pos KM	NT	NT		

TABLE 1a - Item 3

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
ZVLDGH	Pos O-tol	Neg AP, Micro, Alternative Light Source (ALS)	Neg RSID-Saliva	
ZX77FD	Pos KM	Neg AP	NT	

**Response Summary**

Participants: **300**

ITEM 3:	<u>Blood</u>	<u>Semen</u>	<u>Saliva</u>
Positive	<b>299</b>	<b>0</b>	<b>0</b>
Negative	<b>0</b>	<b>253</b>	<b>83</b>
Inconclusive	<b>0</b>	<b>0</b>	<b>0</b>
Not Tested (NT)	<b>1</b>	<b>42</b>	<b>195</b>
Not Reported	<b>0</b>	<b>5</b>	<b>22</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
27D7AE	Pos KM	Pos AP, PSA	Neg Phadebas Press	
2AG3V2	Pos KM	Pos AP, Micro	NT	
2BTPF2	Pos O-tol, hematrace	Pos AP, micro	NT	
2HZ6FB	Pos KM, Hematrace	Pos AP, RSID-Semen, Micro	NT	
2LFZUM	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg RSID	
2N4923	Pos o-tol, Hematrace	Pos AP, Micro	Neg Phadebas	
2R4FMZ	Pos KM	Pos ALS, AP, Micro	NT	
2RX96E	Pos KM, AP, PSA, Phadebas	Pos	Neg	
2U934B	Pos KM	Pos AP, Micro	Neg Radial Diffusion	
2YZD23	Pos KM	Pos AP, Micro	NT	
2ZH9XW	Pos KM, Takayama	Pos AP, Micro	NT	Human Origin, Quantifiler Pos
32P3V8	Pos KM, Hematrace	Pos AP, RSID-Semen, Micro	NT	
368ZPP	Pos O-tol	Pos micro, AP, PSA	Neg Radial diffusion (amylase)	Blood-human confirmatory test, Pos RSID (glycophorin A)
37CU4W	Pos O-tol	Pos AP, Micro, Alternate light source, P30	Neg Amylase gel	
3DYJ4X	Pos KM	Pos ALS, AP, Micro	NT	
3EM76Z	Pos KM	Pos AP, Micro	NT	
3GDGVT	Pos LMG, HemaTrace	Pos ALS, AP, PSA	NT	
3HXXP3	Pos KM+	Pos BCIP+/Microscopic (sperm+)	NT	ALS/450 nm Fluorescence observed
3NTV36	Pos KM, ABACard (HT)	Pos AP, micro	NT	
3QYHC6	Pos O-tol, Micro	Pos AP, PSA, Micro	NT	
3RRDYD	Pos KM, ABA Card	Pos AP, PSA	Neg Phadebas	
42DPWA	Pos KM, HemDirect	Pos AP, PSA	NT	
42YV6V	Pos TMB, OBTI test	Pos AP, PSA		
4442M3	Pos KM	Pos (+) AP, Micro for sperm (+)	Neg Amylase, Micro (-) for nucleated epithelial cells	
46VMB8	Pos KM	Pos PSA	NT	
4DE8WC	Pos O-tol	Pos AP, micro	NT	
4FGBYY	Pos KM	Pos AP, Micro	NT	
4UFZF6	Pos LMG	Pos AP, PSA	Neg RSID Amylase Test	
4UG4V3	Pos LMG, HemDirect	Pos light source, AP, PSA	NT	

TABLE 1b - Item 4

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
62UBZK	Pos O-tol, Hematrace	Pos AP, Micro	NT	
63BJ47	Pos KM	Pos AP, micro	Neg Amylase radial diffusion micro	
68KPXR	Pos KM, Takayama	Pos AP, micro	NT	Human, Pos Quantifiler
6BXGV8	Pos KM, Hematrace	Pos AP, PSA, Micro	Neg Amylase (radial diffusion)	
6CFF43	Pos Hemastix, HemaTrace	Pos p30/PSA, sperm search	Neg RSID Saliva	
6D6466	Pos Hematrace Abacard	Pos p30, micro	NT	
6FUCCK	Pos KM	Pos AP, Micro for Sperm	Neg Amylase, Micro for Nucleated Epithelial Cells	
6GC32X	Pos KM (PH), HemaTrace	Pos ALS, AP, PSA, Microscopic	NT	
6HZP3Z	Pos KM	Pos AP, Micro	NT	
6JQ2TT	Pos O-tol	Pos Micro, PSA, ALS	Neg Amylase, ALS	
6MTUUH	Pos KM, Hematrace	Pos AP, Micro	NT	
6QTD8X	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	
6QX9RA	Pos KM, Takayama	Pos AP, micro	Neg amylase	
6V6QW4	Pos RSID - Blood	Pos RSID - Semen	Neg RSID - Saliva	
6WHVJN	Pos KM	Pos AP, micro, PSA	NT	
6Y62R4	Pos HemaTrace	Pos AP, PSA, Micro	NT	
72M6YV	Pos FOB	Pos PSA	NT	
72PEYD	Pos KM, Hematrace	Pos AP, Micro	NT	
72R39C	Pos KM	Pos AP, Sperm Search	NT	
742UUY	Pos o-tol	Pos AP, micro	NT	
76PGV2	Pos KM	Pos Brentamine Fast Blue, PSA	NT	
778BAH	Pos KM	Pos ALS, AP, Micro	NT	
7GY2DB	Pos KM Test	Pos AP Test and PSA P30 Test	Neg Phadebas Press Test	
7JA42T	Pos LMG	Pos AP, Micro		
7R7YEJ	Pos LMG	Pos AP, Micro		
7XD8YU	Pos TMB, Takayama	Pos AP, PSA, Micro	Neg a - Human Amylase	
7XTKD6	Pos KM, Hematrace	Pos AP, Micro	Neg Phadebas	Human Origin, QF Pos
7XTL9N	Pos KM, Combur (TMB)	Pos AP, PSA, Micro	Neg Phadebas	
7YK9H2	Pos LMG, RSID - blood	Pos AP, RSID - Semen, Micro		
8748TC	Pos KM, Takayama	Pos AP, P30, Micro	NT	Human Origin, Quantifiler Pos
8EB649	Pos LMG, Hematrace	Pos AP, Micro, PSA	NT	
8F6UKA	Pos KM	Pos AP, micro, PSA	NT	

TABLE 1b - Item 4

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
8HC9XG	Pos KM, Hematrace	Pos AP, P30, Micro	NT	
8HTUGD	Pos Luminol	Pos AP	NT	
8KDAZY	Pos KM, Hexagon OBTI	Pos AP, RSID-Semen	NT	
8M3MHG	Pos Hematrace	Pos AP, PSA		
8RKLCY	Pos KM, Hematrace	Pos AP, Micro	NT	
98QW96	Pos LMG, Hematrace	Pos AP, Micro, PSA	NT	
9AT8AR	Pos LMG, Ouchterlony (anti-HuHb)	Pos AP, micro, PSA	Neg Amylase, micro	
9F4L9X	Pos Kastle-Meyer	Pos TMP	NT	
9PBVMV	Pos KM	Pos AP, Micro	NT	
9QYDMA	Pos KM	Pos AP and P30	Neg Phadebas	
9X2K2D	Pos TMB	Pos AP, Micro, PSA		Human Origin, Pos Quantifiler Human, Quantifiler Y
A3826C	Pos KM, Hematrace	Pos AP, Micro, PSA	Neg RSID	
A6DJ48	Pos LMG	Pos PSA	Neg SALIgAE	
A7U44Q	Pos O-tol, Hematrace	Pos AP, PSA, Micro	NT	
ABHHEX	Pos LMG	Pos AP, PSA	NT	
ACYE8X	Pos LMG, RSID Blood	Pos AP, RSID Semen, Micro		
AGG98A	Pos O-tol	Pos AP, micro	Neg RSID	
AJ6HFP	Pos O-Tol, Hematrace	Pos AP, Micro	NT	Human blood Hematrace
AL8EUX	Pos KM, Hexagon OBTI	Pos AP, RSID Semen	NT	
AMWTCG	Pos KM	Pos AP, micro	Neg Phadebas	
AQF8FG	Pos KM	Pos AP, micro for sperm	Neg Amylase, micro for epithelial cells	human, Pos qPCR, STR DNA profile
AXZYAP	Pos PTMB	Pos AP		
AZMLXB	Pos KM, Hematrace	Pos AP, micro	Neg RSID	Human Origin, Pos Quantifiler, Hematrace
B2D8RK	Pos LMG	Pos Alternate Light Source, AP, PSA	NT	
B447JQ	Pos KM	Pos ALS, AP, Micro	NT	
B4JLFE	Pos KM, Hematrace	Pos AP, Micro	NT	
B6TTKR	Pos KM	Pos AP, Micro	NT	
B82UL8	Pos KM	Pos AP, PSA	Neg Phadebas	
B8H2T9	Pos KM	Pos P30, AP	Neg RSID	
B93K8F	Pos LMG	Pos AP, Micro	NT	
BCWJEJ	Pos LMG	Pos Alternate Light Source, AP	NT	
BDB379	Pos O-tol	Pos AP, Micro	NT	
BH3EYJ	Pos LMG	Pos AP, PSA	NT	

TABLE 1b - Item 4

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
BJHEH9	Pos KM, Takayama	Pos AP, micro, P30	Neg RSID	Human Origin, QF Pos	
BLL6QA	Pos KM, Hemdirect	Pos AP, PSA, micro	Neg RSID		
BQBDRN	Pos KM	Pos AP, PSA	NT		
BTH3YJ	Pos LMG, HemaTrace	Pos Light Source, AP, PSA	NT		
BVFDCZ	Pos KM, HemDirect	Pos AP, PSA, Micro	Neg RSID		
BVMWG4	Pos TMB, Hematrace	Pos PSA/P30, Micro	Neg RSID Saliva		
BZKFRZ	Pos KM				
C2A3T3	Pos LMG, Hematrace	Pos AP, Micro, PSA	NT		
C6R6V4	Pos KM	Pos AP, PSA	NT		
C7JERN	Pos O-tol, Hema-Trace	Pos AP, PSA			
CBE6YL	Pos KM, Hexagon OBTI	Pos AP, RSID-Semen	NT		
CBU2AE	Pos KM	Pos AP, PSA, Micro	NT		
CCU7D9	Pos KM	Pos AP and Micro	NT		
CGZ8U7	Pos KM, Hematrace	Pos AP, PSA, Micro	NT		
CHMB7D	Pos KM	Pos ALS, AP, micro	NT		
CNK42Z	Pos TMB	NT	NT		
CXV7JK	Pos KM, Takayama	Pos AP, Micro	NT	Human, Pos Quantifiler	
D22HFJ	Pos O-tol	Pos AP, micro	Neg Amylase Diffusion		
DAY7FW	Pos LMG	Pos AP, PSA	Neg Amylase (RSID)		
DCMQBR	Pos LMG, HemaTrace	Pos AP, PSA			
DGMPUX	Pos KM	Pos AP, Micro	Neg Amylase Radial Diffusion		
DHDZLQ	Pos TMB	Pos AP, PSA, Micro	NT		
DHTBAX	Pos LMG, Hematrace	Pos AP, PSA, Micro	NT		
DJ378H	Pos LMG, HemaTrace	Pos AP, PSA	NT		
DLWVNH	Pos KM, Takayama	Pos AP, micro	NT	Human, Pos QF	
DQ9YEK	Pos Otol	Pos AP, microscopy	NT	HuHb, Pos Hematrace	
DTEGDG	Pos KM	Pos AP	NT		
E49KWV	Pos KM	Pos AP, Micro, PSA	NT		
EEBAZW	Pos KM	Pos AP, Micro	Neg Amylase Radial Diffusion		
EERPWK	Pos O-tol	Pos AP, PSA, micro			
EG3DPX	Pos TMB	Pos AP, Microscopy	NT		
EJXMLL	Pos Hexagon OBTI				
ELRGDN	Pos KM	Pos AP	NT	Human Origin, QF Pos	
ERWLFM	Pos O-tol	Pos AP, PSA, Micro	NT		

TABLE 1b - Item 4

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
EVBVD7	Pos KM, HemaTrace	Pos AP, Micro, PSA	Neg RSID		
F2H9NU	Pos LMG	Pos AP, PSA	Neg RSID Amylase		
F38KEM	Pos KM	Pos AP, Micro	NT		
F3WN73	Pos Hemident, Hematrace	Pos Micro, Abacard p30	NT		
FA9R33	Pos KM, Hematrace	Pos AP, PSA, Micro	Neg RSID		
FGQZQY	Pos Phen, TMB	Pos AP, P-30, Micro	Neg Amylopectin Azure	AHP, Pos	AHP
FNTDJF	Pos KM	Pos AP and PSA	Neg Phadebas press test		
FPAELH	Pos KM	Pos AP, micro	NT		
FTBFNZ	Pos KM	Pos PSA, Micro	NT	human, Pos	QF
FU2JD2	Pos Hemident, Hematrace	Pos ABACard p30, Micro	NT		
FUEEJ3	Pos KM, Hematrace	Pos AP, PSA, Micro	NT		
GBH2QU	Pos Hematrace Abacard	Pos p 30, micro	NT		
GCBJKM	Pos KM	Pos AP, Micro	NT		
GFBVGM	Pos KM	Pos AP, micro	NT		
GG69UK	Pos O-tol, hematrace	Pos AP, micro	NT		
GYVXJM	Pos Visual, KM(+)	Pos AP(+), Micro(+)	NT		
H4VXWW	Pos LMG, Hematrace	Pos Brentamine, PSA, micro	NT		
H72DBF	Pos KM, Hexagon OBTI	Pos AP, RSID-Semen	NT		
H7KUCW	Pos LMG, Hematrace	Pos AP, Micro, PSA	NT		
H7PH3U	Pos LMG	Pos AP, Micro	NT		
HF8R33	Pos KM, Hematrace	Pos Micro, AP, PSA	Neg RSID - Saliva		
HJCRME	Pos O-tol	Pos Acid Phosphatase	NT		
HJUJWY	Pos KM	Pos AP, Micro	NT	Human, Pos	Quantifiler
HMUURY	Pos KM, Hematrace	Pos AP, Micro	Neg phadebas	Human Origin, Pos	Quantifiler
HQRCT8	Pos O-tol	Pos AP, P30, Micro	Neg Amylase		
HRMYJH	Pos KM, Hematrace	Pos AP, PSA	NT		
HXQNHV	Pos LMG, Hematrace	Pos AP, Micro, PSA	NT		
J2JHZA	Pos KM	Pos AP, Micro	NT		
J48G8Z	Pos KM, HemaTrace	Pos AP, micro, PSA	Neg RSID		
J6AMT8	Pos KM	Pos AP, PSA, Micro	NT		
JBR8LL	Pos TMB	Pos AP, PSA	NT		
JGMJFY	Pos Color, O-tol, phenolphthalein	Pos AP, Micro	NT		
JN42NZ	Pos Hemident, Hematrace	Pos ABACard p30, Micro	NT		
JTG4DG	Pos TMB, Takayama	Pos PSA, micro	Neg a human salivary amylase		

TABLE 1b - Item 4

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
JUP8W7	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT		
K22RKN	Pos LMG, HemDirect	Pos AP, PSA	NT		
K8AAR4	Pos KM, HemaTrace	Pos AP, Micro	NT		
KA33ZU	Pos LMG	Pos AP, Micro	NT		
KGJF2D	Pos O-tol	Pos AP, Micro	NT	Human blood, Pos	Hematrace
KMZMD7	Pos KM	Pos AP, Micro	NT		
KNY7HY	Pos KM, Hematrace Card	Pos AP, Micro, PSA	NT		
KP7H4G	Pos KM	Pos AP, Micro	Neg Radial Diffusion		
KVYL97	Pos KM	Pos PSA, Micro	NT		
KY3CG8	Pos O-tol, RSID	Pos AP, PSA	NT	Human	RSID blood
KZCGUV	Pos phenolphthalein, o-tol, color	Pos AP, micro	NT		
L6K66C	Pos O-tol	Pos AP, Micro	NT	Pos	Hematrace - human blood
L8KZ6Z	Pos Luminol	Pos AP	NT		
LB4V8R	Pos LMG, Hematrace	Pos AP, Micro, PSA	NT		
LJACLY	Pos TMB	Pos AP, Micro, PSA	NT	Human, Pos	Human and Y Quant
LKCVUT	Pos TMB, Phen	Pos AP, P-30, microscopic	Neg Amylopectin Azure test	species, Pos	AHP
M4WCDD	Pos O-tol, hematrace	Pos AP, PSA, micro			
MD7UWW	Pos KM, Hematrace	Pos AP, Micro, p30	NT		
MHYLGM	Pos LMG	Pos AP, PSA	Neg RSID-amylase		
MPKMQX	Pos KM, Takayama	Pos AP, micro	NT	Human Origin, Pos	Quantifiler
MRMBNU	Pos KM	Pos AP, PSA, Micro	Neg Phadebas		
MTLQK6	Pos O-tol, RSID blood	Pos PSA, AP	NT	human origin, Pos	RSID blood
N2CTX2	Pos PTN	Pos AP, Micro	NT		
N734WD	Pos KM	Pos AP, Micro			
N9XN3B	Pos TMB	Pos AP, Micro	NT		
NB2JLE	Pos KM, Hematrace	Pos AP, PSA, Micro, ALS	NT		
NCQLGG	Pos KM	Pos AP, Micro	NT		
NDGF6R	Pos Fob Test	Pos AP, PSA	NT		
NG8VYE	Pos Phenolphthalein, Hematrace	Pos AP, PSA(p30), Micro	NT		
NHWHZG	Pos O-tol, HemDirect, Micro	Pos AP, PSA, Micro	Neg Amylase Diffusion		
NJMLPG	Pos KM	Pos AP, micro for spermatozoa	Neg Amylase, micro for nucleated epithelial cells		
NJVPFF	Pos KM	Pos BCIP, Micro	NT		

TABLE 1b - Item 4

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
NQQMUH	Pos KM, Hematrace	Pos AP, Microscopy	NT		
NY7BY6	Pos LMG	Pos AP, Seratec PSA	NT		
NYFF29	Pos LMG, Hematrace	Pos AP, PSA	NT		
P28YW2	Pos PTMB	Pos AP			
P6RKL9	Pos KM, Hematrace	Pos AP, PSA, Micro	Neg Phadebas		
P72MGK	Pos KM, HemDirect	Pos AP, PSA, micro	Neg RSID		
P7GTUN	Pos KM, Takayama	Pos AP, Micro	Neg Amylase Radial Diffusion		
P9RX8D	Pos Phenolphthalein, HemaTrace	Pos AP, Micro	NT		
PGGD9A	Pos PTMB	Pos AP, Micro	NT	Human origin, Pos	QF
PGHGLL	Pos KM			Human DNA	Quantifiler
PLZEF4	Pos LMG, Ouchterlony	Pos AP, Micro, PSA	NT	Human, Pos	Ouchterlony, Quantifiler
PNZPAH	Pos LMG, ABACard Hematrace	Pos AP, PSA (ABACard P30)			
Q3KMUC	Pos KM, Hematrace	Pos ALS, AP, PSA, Micro	NT		
QBB69L	Pos TMB, Hemachromogen, HT	Pos AP, PSA, Micro	Neg Phadebas	Human, Pos	Ouchterlony, Micro, HT
QET343	Pos KM	Pos AP, Micro	NT		
QGUY3Q	Pos LMG	Pos AP			
QH84MM	Pos LMG, Hematrace	Pos AP, Micro, PSA	NT		
QQ22GH	Pos LMG	Pos AP, PSA	Neg RSID-Amylase		
QT9JED	Pos KM	Pos AP, micro			
R3PUYP	Pos LMG, Hematrace	Pos AP, Micro, PSA	NT		
R79KRE	Pos KM, Hematrace	Pos AP, Micro	NT		
R7Q4JL	Pos LMG, Hematrace	Pos Brentamine; Microscopy, PSA	NT		
RB6B3K	Pos TMB	Pos AP, Microscopy			
RFN9X3	Pos KM, HemaTrace	Pos AP, PSA, micro	NT		
RGVJHK	Pos KM	Pos AP, PSA, Micro	Neg Phadebas		
RHTTMM	Pos O-tol	Pos AP, Micro	NT		
RNDXD3	Pos LMG, HemDirect	Pos AP, PSA	NT		
RNPTMN	Pos LMG, Hematrace	Pos AP, Micro, PSA	NT		
RUUP7N	Pos LMG, Hematrace	Pos Micro, AP, PSA	NT		
RXCHAH	Pos KM, Hematrace	Pos ALS, AP, PSA, Micro	NT		
RXDRAP	Pos KM	Pos AP, PSA	Neg Phadebas press test		
RYBYQ8	Pos KM, HemDirect	Pos AP, Micro	Neg Amylase Diffusion		
RYEFD	Pos Phen, KM	Pos AP, Micro, P30	Neg Radial diffusion		

TABLE 1b - Item 4

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
RYNMWZ	Pos KM	Pos AP, Micro	NT		
T2YWFP	Pos Hemident, Hematrace	Pos Micro, ABACard p30	NT		
T38ZCL	Pos O-tol	Pos AP, sperm search	NT		
T6WB3E	Pos Hematrace	Pos PSA, micro	NT		
T9F9WW	Pos KM	Pos AP, Micro	NT		
TALU8R	Pos TMB	Pos AP, Micro, PSA	NT		
TCDN8E	Pos Hemastix, HemaTrace	Pos AP, Micro, PSA/p30	NT		
TH7PRR	Pos KM	Pos AP, Micro	NT		
TK7LRF	Pos KM	Pos AP, Micro	NT		
TKJMKM	Pos LMG, Hematrace	Pos AP, Micro, PSA	NT		
TL9N3K	Pos LMG	Pos AP, Micro	NT		
TNNETM	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT		
TRNUFD	Pos KM	Pos AP	NT		
TU3TWL	Pos LMG	Pos AP, Micro	NT		
TVADEU	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg RSID		
U68RKK	Pos TMB, Phen	Pos AP, P-30, Micro	Neg Amylopectin Azure	Species Determination, Pos	AHP
U7LX4G	Pos Hema-Trace	Pos p-30, (micro)spermatozoa seen			
U8X6HP	NT	NT	NT	human male DNA, Pos	Y-screening
UGQRRF	Pos LMG, HemDirect	Pos ALS, AP Spot, P30	NT		
UHFETH	Pos O-tol	Pos AP, Micro, PSA	Neg Amylase diffusion		
UHZW64	Pos KM, HemDirect	Pos AP, Micro, PSAcard	NT		
UK6N2X	Pos KM	Pos AP, Micro (sperm observed)	Neg Amylase, Micro (no epithelial cells)		
UM6V4P	Pos KM, Hematrace	Pos AP, PSA, Microscopic			
UPWUGM	Pos KM	Pos AP, p30	Neg Phadebas		
UQREJC	Pos LMG	Pos AP	NT		
UTW7DM	Pos KM	Pos AP, PSA	NT		
UYN2KK	Pos TMB, phenolphthalein	Pos AP, p-30, micro	Neg amylopectin azure	human origin, Pos	antihuman precipitin
UZECCD	Pos LMG	Pos AP, Micro	NT		
VB7HHH	Pos KM	Pos AP, micro	NT	Human, Pos	QF
VCRQBJ	Pos LMG	Pos ALS, AP, Micro	NT		
VDHYBL	Pos Hemident, Hematrace	Pos PSA, Micro	NT		
VHPBPT	Pos KM	Pos AP, Micro	NT		

TABLE 1b - Item 4

Webcode	Fluid ID				Other
	Blood	Semen	Saliva		
VJ7TXL	Pos LMG	Pos AP, PSA	Neg RSID (Amylase)		
VNW8HM	Pos KM	Pos AP, Micro	NT		
VQ6HFB	Pos KM, Hexagon OBTI	Pos AP, RSID-Semen	NT		
VERF3KE	Pos HemaTrace	Pos AP, PSA, Micro	NT		
VXMWBU	Pos KM	Pos AP, Micro	Neg RSID-Saliva	Species of Orig., Pos	Quantifiler Human
W22KHJ	Pos PTMB, ABA Card-Blood	Pos AP, ABA Card-PSA, Micro	Neg Phadebas		
W4M2KJ	Pos KM	Pos AP, Micro, PSA	Neg Phadebas		
W72XB4	Pos KM	Pos ALS, AP, Micro	NT		
W9LF9A	Pos Human Glycophorin A	Pos Human Semenogelin	NT		
WBA7VE	Pos KM	Pos AP, micro	Neg Amylase	Human, Pos	Quantifiler
WCXTWF	Pos TMB	Pos AP, PSA, Micro	NT		
WEM36W	Pos KM	Pos AP, Micro for sperm	Neg Amylase Radial Diffusion, Micro for NECs		
WL476Q	Pos Luminol	Pos Brentamine (AP)	NT		
WNEM9B	Pos Micro, Chromotogram[sic]	Pos Micro, Chromotogram[sic]	Neg Micro, Chromotogram[sic]		
WNRCCCL	Pos KM	Pos AP, Micro	NT		
WTENQJ	Pos O-tol	Pos AP, Micro	NT		
WU6YGC	Pos Takayama	Pos AP, Micro	Neg RSID Saliva		
WX7V9R	Pos KM	Pos ALS, AP, Micro	NT		
WZLLYU	Pos KM	Pos AP, Micro	NT		
X6YPJV	Pos KM	Pos AP, Micro	NT		
XB72WV	Pos LMG, Ouchterlony	Pos AP, Micro, PSA	NT	Human, Pos	Ouchterlony, Quantifiler
XG74FG	Pos LMG, Hematrace	Pos AP, PSA, Micro	NT		
XJ2YM6	Pos KM	Pos ALS, AP, Micro	NT		
XNVTMQ	Pos KM	Pos ALS, AP, Micro	NT		
XTPYXM	Pos KM, Hematrace	Pos AP, Micro, PSA	NT		
XUFKP8	Pos KM	Pos AP	NT		
XVX3RY	Pos KM	Pos AP, PSA	Neg Phadebas		
XW3V76	Pos KM	Pos AP, micro	NT		
Y6E6FJ	Pos LMG	Pos AP, PSA	Neg RSID Amylase Test		
Y74HX2	Pos KM	Pos AP, Micro			
YNP3RT	Pos KM, Hematrace	Pos AP, PSA, Micro	NT		
YWHHEB	Pos KM	Pos AP, Micro	Neg phadebas	Human, Pos	Quantifiler Human
YXCZJT	Pos KM	Pos Micro for sperm - positive, AP - inconclusive	Neg Micro for E. Cells, Amylase Radial Diffusion		

TABLE 1b - Item 4

Webcode	Fluid ID			Other
	Blood	Semen	Saliva	
Z33PLH	Pos LMG	Pos AP, PSA	Neg RSID Amylase Test	
Z37H7C	Pos KM, Takayama	Pos AP, Micro	Neg Radial diffusion	
ZA63EY	Pos KM, Hematrace	Pos AP, RSID-Semen, Micro	NT	
ZDZXYT	Pos KM	Pos AP, micro		
ZGKAQQ	Pos KM	Pos AP, PSA, Micro	NT	
ZTB7RP	Pos KM	Pos AP, Micro	NT	
ZVLDGH	Pos O-Tol	Pos Alternative Light Source (ALS), AP, Micro	Neg RSID-Saliva	
ZX77FD	Pos KM	Pos AP	NT	

**Response Summary**

Participants: **300**

ITEM 4:	Blood	Semen	Saliva
Positive	<b>299</b>	<b>295</b>	<b>0</b>
Negative	<b>0</b>	<b>0</b>	<b>85</b>
Inconclusive	<b>0</b>	<b>0</b>	<b>0</b>
Not Tested (NT)	<b>1</b>	<b>2</b>	<b>190</b>
Not Reported	<b>0</b>	<b>3</b>	<b>25</b>

# Amplification Kit & STR Results - Part I

TABLE 2

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
27D7AE	COfiler® and Profiler Plus® PowerPlex®16								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,15,17	10,11,12,13	8,11	12,15	11,12	9,12	12,14	29,30,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
2AG3V2	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[12],13*	[8],11	12,15	11,12*	9,12	12,12*	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
2BTFF2	COfiler® and Profiler Plus®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	14,15,17,18	11,12	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
2HZ6FB	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,17	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14	29,30,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
2LFZUM	PowerPlex®16								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	12,15	[8],11,12	9,[11],12	12	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
2R4FMZ	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
2RX96E	COfiler® and Profiler Plus® PowerPlex®16								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30

TABLE 2

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
2U934B	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
2YZD23	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
2ZH9XW	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	11,12	9,12	12,12	29,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
32P3V8	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,15,17	10,13	8,11	8,12,15	8,11,12	9,12	12,20	29,30,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
368ZPP	COfiler® and Profiler Plus®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
3DYJ4X	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
3EM76Z	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
3GDGVT	PowerPlex®16								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30

TABLE 2

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
3HXXP3	PowerPlex®16								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
3NTV36	PowerPlex®16								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,17*	10,13*	11#	12,15*	11,12*	9,12*	12	29,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
3QYHC6	PowerPlex®16								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,11,12,13	[8],11	[8],12,15	8,11,12	9,[11],12	12,[20]	29,[30],31.2
	4sp	[14],15,[17],18	11,12	8,[11]	8,12	8,11	9,11	14,20	29,30
3RRDYD	COfiler® and Profiler Plus® PowerPlex®16								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
42DPWA	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
42YV6V	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4	[14],15,[17],18	[10],11,12,[13]	8,[11]	8,12,[15]	8,11,[12]	9,11,[12]	[12],14,20	29,30,[31.2]
4442M3	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
46D2RA	PowerPlex®16 only items 1 & 2 completed								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2

TABLE 2

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
46VMB8	PowerPlex®16 SGM-Plus								
	1	14,17			12,15		9,12	12,12	29,31.2
	2	17,18			13,14		11,12	15,15	28,32.2
	3	17,18			13,14		11,12	15,15	28,32.2
	4e	14,17			12,15		9,12	12,12	29,31.2
	4sp	15,18			8,12		9,11	14,20	29,30
4DE8WC	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,12,13	8,11	8,12,15	8,11,12	9,11,12	12,12,[14]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
4FGBYY	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,*=15,17,18	10,11,12,13	[8],11	*=8,12,15	8,11,12	9,11,12	12,*=14,[20]	29,30,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
4UFZF6	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,12	12,14	29,30,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11,12	14,20	29,30
4UG4V3	PowerPlex®16								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
62UBZK	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11,11	[8],12,15	[8],11,12	9,12	12,12	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
63BJ47	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
68KPRX	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14	29,30,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30

TABLE 2

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
6BXGV8	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14]	29,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
6CFF43	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11,11	[8],12,15	[8],11,12	9,[11],12	12,12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
6D6466	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
6FUCCK	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,17,[18]	10,[11],[12],13	[8],11	[8],12,15	11,12	9,12	12	29,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
6GC32X	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],12,13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
6HYP3Z	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
6JQ2TT	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
6K8WJ9	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4	14,15,17,18	10,11,12,13	8,11	8,11,12,14,15	8,11,12	9,11,12	11,12,14,20	29,30,31.2

TABLE 2

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
6MTUUH	PowerPlex®16								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,17	10,[11],[12],13	[8],11	12,15	11,12	9,12	12	29,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
6QTD8X	COfiler® and Profiler Plus®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
6QX9RA	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
6V6QW4	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
6WHVJN	Identifiler® MiniFiler								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,11,12,13	8,11	[8],12,15	8,11,[12]	9,[11],12	12,[14],[20]	29,[30],[31.2]
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
6Y62R4	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,12	12,[14],20	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
72M6YV	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
72PEYD	PowerPlex®16								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,[12]	9,[11],12	12,[14],[20]	29,30,[31.2]
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30

TABLE 2

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
72R39C	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,15,17	10,13	8,11	12,15	11,12	9,11,12	12,12	29,30,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
742UUY	PowerPlex®16								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,17	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
76PGV2	COfiler® and Profiler Plus® PowerPlex®16								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
778BAH	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
7GKVTD	COfiler® and Profiler Plus®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
7GY2DB	COfiler® and Profiler Plus® PowerPlex®16								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
7JA42T	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11,11	[8],12,15	[8],11,12	9,[11],12	12,12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
7R7YEJ	COfiler® and Profiler Plus® Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	11,12	9,12	12,[14],[20]	29,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30

TABLE 2

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
7XD8YU	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
7XTKD6	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,17	10,13	11	[8],12,15	11,12	9,12	12	29,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
7XTL9N	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
7YK9H2	PowerPlex 16 - HS								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
8748TC	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[12],13	11,11	[8],12,15	11,12	9,12	12,12	29,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
8EB649	COfiler® and Profiler Plus®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
8F6UKA	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	11,12	9,[11],12	12	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
8HC9XG	PowerPlex®16								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30

TABLE 2

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
8HTUGD	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12		12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12		15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12		15,15	28,32.2
	4e	14,17,18	10,11,12,13	8,11	8,12,15	8,11,12		12,14,20	29,30,31.2
	4sp	15,18	11,12	8,8	8,12	8,11		14,20	29,30
8KDAZY	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,(15),17,(18)	10,(11),(12),13	(8),11	(8),12,15	(8),11,12	9,(11),12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
8M3MHG	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
8RKLCY	PowerPlex®16								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,17*	10,13*	11#	12,15*	11,12*	9,12*	12	29,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
98QW96	COfiler® and Profiler Plus®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
9AT8AR	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
9B4AXB	COfiler® and Profiler Plus®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
9F4L9X	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,17	10,[12],13	[8],11	12,15	[8],11,12	9,12	12	29,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
9MMKKA	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2

TABLE 2

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
9PBVMV	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
9QYDMA	COfiler® and Profiler Plus® PowerPlex®16								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
9X2K2D	COfiler® and Profiler Plus® Identifiler® MiniFiler								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
A3826C	COfiler® and Profiler Plus® Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,17*	10,12,13*	8,11	8,12,15	11,12*	9,12	12*	29,30,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
A6DJ48	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
A7U44Q	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	8,11	[8],12,15	[8],11,12	9,[11],12	12,12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
ABHHEX	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
ACYE8X	PowerPlex 16® HS								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30

TABLE 2

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
AGG98A	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11,11	[8],12,15	[8],11,12	9,[11],12	12,12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
AJ6HFP	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17	10,[11],[12],13	[8],11,11	[8],12,15	[8],11,12	9,12	12,12,[14]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
AL8EUX	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17	10,[11],[12],13	[8],11,11	[8],12,15	[8],11,12	9,[11],12	12,12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
AMWTCCG	COfiler® and Profiler Plus®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
AQF8FG	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17	10,[12],13	[8],11	[8],12,15	11,12	9,12	12	29,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
AUX6AY	COfiler® and Profiler Plus®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
AXZYAP	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,17	10,13	11,11	[8],12,15	11,12	9,[11],12	12,12	29,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
AZMLXB	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30

TABLE 2

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
B2D8RK		PowerPlex®16							
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
B447JQ		Identifiler®							
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
B4JLFE		PowerPlex®16							
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17	10,[11],[12],13	[8],11	12,15	11,12	9,[11],12	12,[14]	29,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
B6BN3W		Identifiler®							
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
B6TTKR		COfiler® and Profiler Plus®							
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11,11	[8],12,15	11,12	9,12	12,12,*14,*20	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
B82UL8		COfiler® and Profiler Plus® PowerPlex®16							
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
B8H2T9		PowerPlex®16							
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,17	10,13	[8],11	12,15	[8],11,12	9,12	12	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
B93K8F		Identifiler®							
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,13	8,11	8,12,15	8,11,12	9,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30

TABLE 2

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
BCWJEJ	PowerPlex®16								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,[13],15	[8],11,12	9,[11],12	12,[14]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
BDB379	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11,11	[8],12,15	[8],11,12	9,12	12,12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
BH3EYJ	PowerPlex®16								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
BJHEH9	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,12	12,[14]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
BLL6QA	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,20	29,30,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
BQBDRN	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
BTH3YJ	PowerPlex®16								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
BVFDCZ	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,17,18	10,11,12,13	8,11	8,12,15	8,11	9,11,12	12,14,20	29,30

TABLE 2

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
BVMWG4	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11,11	[8],12,15	[8],11,12	9,12	12,12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
BZKFRZ	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3e	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3sp	NR	NR	NR	NR	NR	NR	NR	NR
	4e	14,[15],17	10,13	[8],11	[8],12,15	11,12	9,[11],12	12	29,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
C6R6V4	COfiler® and Profiler Plus® PowerPlex®16								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
C7JERN	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3e	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3s	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],13	[8],11,11	[8],12,15	11,12	9,12	12,12,[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
CBE6YL	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,(15),17	10,(11),(12),13	(8),11,11	[8],12,15	11,12	9,12	12,12,[14]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
CBU2AE	Identifiler® Minifiler								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17	10,13	[8],11	[8],12,15	11,12	9,[11],12	12	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	20	29,30
CBVBB7	Identifiler® home made								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,16.2	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	4sp	15,15.2	11,12	8	8	8	11	14,20	30

TABLE 2

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
CCU7D9	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
CGZ8U7	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],[12]	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
CHMB7D	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
CNK42Z	COfiler® and Profiler Plus® Identifiler® MiniFiler								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	8,11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	[10],11,12	8,8	8,12	8,11	9,11	14,20	29,30
CWBLF9	COfiler® and Profiler Plus®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
CXV7JK	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	12,15	[8],11,12	9,12	12,12	29,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
D22HFJ	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
DAY7FW	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,12	12,14	29,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30

TABLE 2

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
DCMQBR	PowerPlex®16								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
DGMPUX	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
DHDZLQ	PowerPlex®16								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,17	10,[11],[12],13	[8],11,11	12,15	11,12	9,[11],12	12,12	29,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
DHTBAX	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17	10,[11],[12],13	[8],11	[8],12,15	11,12	9,12	12,[14]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
DJ378H	PowerPlex®16								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
DLWVNH	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
DQ9YEK	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11,11	[8],12,15	[8],11,12	9,[11],12	12,12	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
DTEGDG	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30

TABLE 2

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
E49KVV	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
EEBAZW									
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
EERPWK	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	8,11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
EG3DPX	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[12],13	11,11	[8],12,15	11,12	9,12	12,12	29,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
EJXMLL	PowerPlex 16HS								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	8,11,12	9,[11],12	12,[14],[20]	29,[30],31.2
ELRGDN	COfiler® and Profiler Plus® Minifiler								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,17,18	11,12	8	8,12	8,11	9,11	14,20	29,30
ENVQKQ	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
ERWLFM	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11,11	[8],12,15	[8],11,12	9,12	12,12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30

TABLE 2

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
EVBVD7	Identifiler® Minifiler								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
F2H9NU	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12	29,30,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
F38KEM	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
F3WN73	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3e	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3sp	-	-	-	-	-	-	-	-
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
FA9R33	PowerPlex®16								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	8,11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
FD8AXA	COfiler® and Profiler Plus®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
FGQZQY	PowerPlex®16								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,[15]	[8],11,12	9,[11],[12]	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30

TABLE 2

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
FNTDJF	COfiler® and Profiler Plus® PowerPlex®16								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
FPAELH	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
FPKDLT	COfiler® and Profiler Plus®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
FTBFNZ	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,12	12,12	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
FU2JD2	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,11,12,13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
FUEEJ3	PowerPlex®16 MiniFiler								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	[14],15,[17],18	[10],11,12,[13]	8,[11]	8,12,[15]	8,11,[12]	9,11,[12]	[12],14,20	29,30,[31.2]
GBH2QU	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
GCBJKM	COfiler® and Profiler Plus® Identifiler® MiniFiler								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30

TABLE 2

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
GFBVGM	COfiler® and Profiler Plus® Minifiler								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,17	10,[11],[12],13	[8],11	12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
GG69UK	COfiler® and Profiler Plus®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8	12	8,11	9,11	14,20	29,30
GYVXJM	PowerPlex®16								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
H4VXWW	COfiler® and Profiler Plus®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
H72DBF	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,17	10,(11),(12),13	(8),11,11	[8],12,15	11,12	9,(11),12	12,12,[14],[20]	29,(30),31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
H7KUCW	COfiler® and Profiler Plus®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
H7PH3U	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12	29,30,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
HF8R33	PowerPlex®16 Minifiler								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30

TABLE 2

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
HJCRME	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12		12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12		15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12		15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12		12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11		14,20	29,30
HJUIWY	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
HMUURY									
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
HRMYJH	COfiler® and Profiler Plus®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],13	8,11	[8],12,15	[8],11,12	9,12	12,[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
HXQNHV	COfiler® and Profiler Plus®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
J2JHZA	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,15,17,18	10,12,13	8,11	12,15	11,12	9,12	12	29,30,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
J48G8Z	PowerPlex®16 minifiler								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17*	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
J6AMT8	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,17	10,[12],13	[8],11	[8],12,15	11,12	9,12	12	29,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30

TABLE 2

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
JBR8LL	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
JGMJFY	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11,11	[8],12,15	[8],11,12	9,[11],12	12,12,[14]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
JN42NZ	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3e	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3sp				13			15	
	4e	14,[15],17,[18]	10,11,12,13	8,11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
JTG4DG	COfiler® and Profiler Plus® PowerPlex®16								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
JUP8W7	PowerPlex®16								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
K22RKN	PowerPlex®16								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17	10,[11],[12],13	[8],11	[8],12,15	11,12	9,12	12,[14],[20]	29,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
K8AAR4	PowerPlex®16								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,12	12	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30

TABLE 2

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
KA33ZU	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
KGJF2D	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12		12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12		15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12		15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11,11	[8],12,15	[8],11,12		12,12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11		14,20	29,30
KMG9W2	COfiler® and Profiler Plus®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
KMZMD7	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,17	10,13	11,11	12,15	11,12	9,12	12,12,[20]	29,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
KP7H4G	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	*=8,12,15	[8],11,12	9,12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
KVYL97	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],[17],[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
KY3CG8	COfiler® and Profiler Plus®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,12	12,[14],[20]	29,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
KZCGUV	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11,11	[8],12,15	[8],11,12	9,[11],12	12,12,[14]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30

TABLE 2

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
L6K66C	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12		12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12		15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12		15,15	28,32.2
	4e	14,17	10,[12],13	--	[8],12,15	11,12		--	29,31.2
	4sp	15,18	11,12	8,8	8,12	8,11		14,20	29,30
L8KZ6Z	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12		12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12		15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12		15,15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12		12,14,20	29,30,31.2
	4sp	15,18	11,12	8,8	8,12	8,11		14,20	29,30
LB4V8R	COfiler® and Profiler Plus®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
LJACLY	COfiler® and Profiler Plus® MiniFiler								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
LKCVUT	PowerPlex®16								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,17,[18]	10,[11],[12],13	[8],11	12,15	[8],11,12	9,[11],12	12,[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
M4WCDD	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3e	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3sp	17,18	--	--	13,14	12,-	11,-	--	28,32.2
	4e	14,[15],17,[18]	10,12,13	[8],11,11	[8],12,15	[8],11,12	9,[11],12	12,12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
MD7UWW	PowerPlex®16								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	[12],14,20	29,30

TABLE 2

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
MHYLGM	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
MPKMQX	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,17	10,11,12,13	8,11	8,12,15	11,12	9,12	12,12	29,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
MRMBNU	COfiler® and Profiler Plus® Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12		15,15	28,32.2
	4e	14,17	10,13	11,11	12,15	11,12		12,12	29,31.2
	4sp	15,18	11,12	8,8	8,12	8,11		14,20	29,30
MTLQK6									
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
N2CTX2	PowerPlex®16								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,[14],[20]	29,30,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
N734WD	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
N9XN3B	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12		12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12		15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12		15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12		12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11		14,20	29,30
NB2JLE	COfiler® and Profiler Plus®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,17,18	10,11,12,13	8,11	12,15	8,11,12	9,12	12	29,30,31.2
	4sp	15,17,18	10,11,12,13	8,11	8,12	8,11,12	9,11	14,20	29,30

TABLE 2

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
NCQLGG	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	12,15	11,12	9,[11],12	12	29,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
NDGF6R	SGM +								
	1	14,17			12,15		9,12	12,12	29,31.2
	2	17,18			13,14		11,12	15,15	28,32.2
	3	17,18			13,14		11,12	15,15	28,32.2
	4e	14,[15],17,[18]			[8],12,15		9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18			8,12		9,11	14,20	29,30
NG8VYE	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
NHWHZG	Identifiler® MiniFiler								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
NJMLPG	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
NJVPPF	PowerPlex®16								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,30.2 (A/TA),31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
NQQMUH	PowerPlex®16								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,17	10,13	11*	12,15	11,12	9,12	12	29,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
NY7BY6	PowerPlex®16								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,17	10,13	8,11	12,15	11,12	9,12	12	29,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30

TABLE 2

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
NYFF29	PowerPlex®16								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
P28YW2	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
P6RKL9	COfiler® and Profiler Plus® PowerPlex®16								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18*]	10,[11*],[12],13	[8*],11	[8],12,15	[8],11,12	9,12	12,[14*]	29,[30*],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
P72MGK	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8,11	8,12	8,11,12	9,11	14,20	29,30
P7GTUN	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
P9RX8D	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
PGGD9A	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,17	10,[12],13	[8],11	[8],12,15	11,12	9,12	12,12	29,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30

TABLE 2

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
PGHGLL	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3e	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3sp	NR	NR	NR	NR	NR	NR	NR	[32.2]
	4e	14,[15],17,[18]	10,[11],13	[8],11	[8],12,15	[8],11,12	9,12	12,[14],[20]	29,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
PLZEF4	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,[15]	8,11,[12]	9,11,12	12,14,20	29,30,[31.2]
	4sp	[14],15,[17],18	[10],11,12,[13]	8,[11]	8,12,[15]	8,11	9,11,[12]	12,14,20	29,30,[31.2]
PNZPAH	PowerPlex®16								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,17	10,[11],[12],13	[8],11	[8],12,15	11,12	9,[11],12	12,[14]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
Q3KMUC	COfiler® and Profiler Plus®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
QBB69L	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12		12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12		15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12		15,15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12		12,14,20	29,30,31.2
	4sp	15,18	11,12	8,8	8,12	8,11		14,20	29,30
QET343	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
QGUY3Q	Identifiler® PowerPlex®16								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30

TABLE 2

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
QQ22GH	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
QT9JED	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,*=15,17,18	10,11,13	8,11	8,12,15	8,11,12	9,12	12,14,20	29,*=30,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
R3PUYP	COfiler® and Profiler Plus®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
R79KRE	Identifiler® Identifiler Plus, Minifiler								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,17,[INC]	10,[11],[12],13	[8],11,11	[8],12,15	[8],11,12	9,[11],12	12,12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
R7Q4JL	COfiler® and Profiler Plus®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
RB6B3K	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	/	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	/	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	/	15,15	28,32.2
	4e	14,15,17,18	11,12,13	8,8	8,12,15	8,11	/	14,20	29,30
	4sp	15,18	11,12	8,8	8,12	8,11	/	14,20	29,30
RFN9X3	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
RGVJHK	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11,11	12,15	[8],11,12	9,[11],12	12,12,[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30

TABLE 2

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
RHTTMM	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,12,[14],[20]	29,30,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
RNDXD3	PowerPlex®16								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
RNPTMN	COfiler® and Profiler Plus®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
RUUP7N	COfiler® and Profiler Plus®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
RXCHAH	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
RXDRAP	COfiler® and Profiler Plus® PowerPlex®16								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
RYBYQ8	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
RYEFYD	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,*=15,17, *=18	10,11,12,13	8,11	12,15	8,11,12	9,11,12	12,14,*=20	29,*=30,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30

TABLE 2

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
RYNMWZ	PowerPlex®16								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
T2YWFP	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
T38ZCL									
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11,11	[8],12,15	[8],11,12	9,[11],12	12,12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
T6WB3E	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11,11	[8],12,15	[8],11,12	9,[11],12	12,12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
T9F9WW	PowerPlex®16								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	8,11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
TALU8R	Identifiler® MiniFiler								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,[15]	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
TCDN8E	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,12	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
TH7PRR	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30

TABLE 2

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
TK7LRF	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
TKJMKM	COfiler® and Profiler Plus®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
TL9N3K	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,13	8,11	8,12,15	11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
TNNETM	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11,11	[8],12,15	[8],11,12	9,[11],12	12,12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
TRNUFD	Identifiler® Minifiler								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	8,[11],[12]	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
TU3TWL	COfiler® and Profiler Plus® Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
TVADEU	PowerPlex®16								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,12	12,[14]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
TY8UQN	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2

TABLE 2

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
U68RKK	PowerPlex 16 BIO								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,(15),17,(18)	10,(11),13	(8),11	(8),12,15	(8),11,12	9,(11),12	12,(20)	29,(30),31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
U7LX4G	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3e	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3sp	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	4e	14,(15),17,(18)	10,(11),(12),13	8,11	(8),12,(15)	(8),11,12	9,(11),(12)	12,(14),(20)	29,(30),31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
U8X6HP	COfiler® and Profiler Plus® PowerPlex®16								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11*	8,12,15*	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18*	11,12*	8	8,12*	8,11*	9,11	14,20*	29,30*
UGQRRF	PowerPlex®16								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,17	10,13	[8],11	[8],12,15	11,12	9,[11],12	12,12	29,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
UHFETH	COfiler® and Profiler Plus®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
UHZW64	Identifiler® Identifiler Plus								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
UK6N2X	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30

TABLE 2

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
UM6V4P	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14]	29,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
UPWUGM	COfiler® and Profiler Plus® PowerPlex®16								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
UQREJC	PowerPlex®16								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
UTW7DM	COfiler® and Profiler Plus® PowerPlex®16								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
UYN2KK	PowerPlex®16								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,12	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
UZECCD	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11,11	[8],12,15	[8],11,12	9,12	12,12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
VB7HHH	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
VCRQBJ	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30

TABLE 2

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
VDHYBL	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	[8],12,15	8,11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
VE8LCN	COfiler® and Profiler Plus®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
VHPBPT	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,17	10,13	11,11	12,15	11,12	9,11,12	12,12	29,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
VJ7TXL	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
VNW8HM	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,15,17	10,13	8,11	12,15	11,12	9,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
VQ6HFB	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,(15),17	10,(11),(12),13	(8),11,11	(8),12,15	(8),11,12	9,(11),12	12,12,[14]	29,(30),31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
VRF3KE	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
VXMWBU	COfiler® and Profiler Plus®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30

TABLE 2

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
W3VFWH	Identifiler® MiniFiler								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
W4M2KJ	COfiler® and Profiler Plus® Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	-	15,15	28,32.2
	4e	14,17	10,13	11,11	12,15	11,12	-	12,12	29,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	-	14,20	29,30
W72XB4	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,11,[12],13	8,11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
W9LF9A	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4	[14],15,[17],18	[10],11,12,[13]	8,[11]	8,12,[15]	8,11,[12]	9,11,[12]	12,14,20	29,30,[31.2]
WBA7VE	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,[17],[--],18	[10],[--],11,12	8,[11],[--]	8,[11*],12,[15]	8,11,[--]	9,11,[12],[--]	[12],[--],14,20	29,30,[--]
WCXTWF	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
WEM36W	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[12],13	[8],11	[8],12,15	11,12	9,[11],12	12	29,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
WL476Q	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12		12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12		15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12		15,15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	11,12		12,14	29,31.2
	4sp	15,18	11,12	8,8	8,12	8,11		14,20	29,30

TABLE 2

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
WNEM9B	Profiler								
	1	14,17	10,13	11,11		11,12			
	2	17,18	8,11	9,11		11,12			
	3	17,18	8,11	9,11		11,12			
	4	14,15,17,18							
	4sp	15,18	11,12	8,8		8,11			
WNRCCCL	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,12	12,12	29,30,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
WP9BZ6									
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
WTENQJ	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	[8],11,12	9,[11],12	12,12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
WU6YGC									
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11,11	[8],12,15	[8],11,12	9,12	12,12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
WX7V9R	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
WZLLYU	PowerPlex®16								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
X2H8HD	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
X6YPJV	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30

TABLE 2

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
XB72WV									
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,11,12	12,14,20	29,30,31.2
	4sp	[14],15,[17],18	[10],11,12,[13]	8,[11]	8,12,[15]	8,11	9,11,[12]	12,14,20	29,30,[31.2]
XF6FJK Identifiler®									
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
XG74FG COfiler® and Profiler Plus®									
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	8,12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
XJ2YM6 Identifiler®									
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
XNVTMQ Identifiler®									
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,17	10,[12],13	[8],11	[8],12,15	11,12	9,[11],12	12,[14]	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
XUFKP8 COfiler® and Profiler Plus® Minifiler									
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,11,12,13	8,11	[8],12,15	[8],11,[12]	9,[11],12	12,[14],[20]	29,[30],[31.2]
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
XVTLHE Identifiler® MiniFiler									
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
XVX3RY COfiler® and Profiler Plus® PowerPlex®16									
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,15,17,18	10,11,12,13	8,11	8,12,15	8,11,12	9,12	12,14,20	29,30,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
XW3V76 COfiler® and Profiler Plus®									
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,(15),17,(18)	10,(11),(12),13	(8),11,11	(8),12,15	(8),11,12	9,12	12,12,(14),(20)	29,(30),31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30

TABLE 2

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
Y6E6FJ	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,17	10,11,12,13	11	12,15	11,12	9,12	12	29,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
Y74HX2	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,17,[18]*	10,[12],13*	[8],11,11	12,15*	11,12*	9,12	12,12*	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
YNP3RT	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,17	10,[11],[12],13	11	[8],12,15	11,12	9,[11],12	12	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
YWHHEB	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	8,11,12	9,[11],12,[--]	12,[14],[20]	29,30,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
YXCZJT	Identifiler®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
Z33PLH	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,17	10,11,13	11	12,15	11,12	9,12	12	29,31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,20	29,30
Z37H7C	Identifiler® Minifiler results concordant								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,[11],12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
ZA63EY	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,17	10,11,13	11	12,15	8,11,12	9,12	12,14	29,30,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30

TABLE 2

WebCode	Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
ZDZXYT	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
ZGKAQQ	Identifiler® MiniFiler								
	1	14,17	[10],13	11	12,15	11,12	9,12	12	[29],31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
	4e	14,[15],17	10,[12],13	11	[8],12,15	11,12	9,[11],12	12	29,[30],31.2
	4sp	15,18	11,12	8	8,12	8,11	9,11	14,[20]	29,30
ZK936L	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2
ZTB7RP	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17	10,[11],[12],13	[8],11	12,15	[8],11,12	9,12	12,[14],[20]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
ZVLDGH	COfiler® and Profiler Plus®								
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,[15],17,[18]	10,[11],[12],13	[8],11	[8],12,15	[8],11,12	9,12	12,[14]	29,[30],31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
ZX77FD									
	1	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	3	17,18	8,11	9,11	13,14	11,12	11,12	15,15	28,32.2
	4e	14,17	10,13	11,11	12,15	11,12	9,12	12,12	29,31.2
	4sp	15,18	11,12	8,8	8,12	8,11	9,11	14,20	29,30
ZXBQZZ	Identifiler®								
	1	14,17	10,13	11	12,15	11,12	9,12	12	29,31.2
	2	17,18	8,11	9,11	13,14	11,12	11,12	15	28,32.2

Results in brackets "[ ]" indicate minor or weaker alleles

\* See Additional Comments.(Table 10)

# STR Results - Part II

TABLE 3

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
27D7AE	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18	8,13	5,17
	2	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	3	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	4e	X,X	11,12	19,23	9.3	8	16,17,18	8,13	5,7,17
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17	10,12	7,13
2AG3V2	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X*	11,12	19,23	[9],9.3	8,8	16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
2BTPF2	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18		
	4sp	X,Y	11,12	19,22,23	7,9,9.3	8	15,17,18		
2HZ6FB	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,Y	11,12	19,22,23	9.3	8	15,16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
2LFZUM	1	X	11,12	19,23	9.3	8	16,18	8,13	5,17
	2	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	3	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	4e	X	11,12	19,[22],23	[7],[9],9.3	8	16,[17],18	8,[10],[12],13	5,17
	4sp	X,Y	11,12	22,23	7,9	8	15,17	10,12	7,13
2R4FMZ	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,[8]	8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	[15],16,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
2RX96E	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18	8,13	5,17
	2	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	3	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18	8,10,12,13	5,7,13,17
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17	10,12	7,13
2U934B	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
2YZD23	1	X,X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,X	11,12	19,23	9.3	8	16,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		

TABLE 3

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
2ZH9XW	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8,8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
32P3V8	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,Y	11,12	19,22,23	[9.3]	[8]	16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
368ZPP	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	[15],16,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
3DYJ4X	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
3EM76Z	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,Y	11,12	19,22,23	9.3,9.3	8,8	15,16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
3GDGVT	1	X	11,12	19,23	9.3	8	16,18	8,13	5,17
	2	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	3	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	[15],16,[17],18	8,[10],[12],13	5,[7],[13],17
	4sp	X,Y	11,12	22,23	7,9	8	15,17	10,12	7,13
3HXXP3	1	X	11,12	19,23	9.3	8	16,18	8,13	5,17
	2	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	3	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18	8,10,12,13	5,7,13,17
	4sp	X,Y	11,12	22,23	7,9	8	15,17	10,12	7,13
3NTV36	1	X	11,12	19,23	9.3	8	16,18	8,13	5,17
	2	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	3	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	4e	X#	11,12	19,23*	9.3*	8	16,18*	8,13	INC
	4sp	X,Y	11,12	22,23	7,9	8	15,17	10,12	7,13
3QYHC6	1	X	11,12	19,23	9.3	8	16,18	8,13	5,17
	2	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	3	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	4e	X,[Y]	11,12	19,22,23	7,9,9.3	8	15,16,17,18	8,10,12,13	5,[7],[13],17
	4sp	X,Y	11,12	22,23	7,9	8	15,[16],17	10,12,[13]	7,13

TABLE 3

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
3RRDYD	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18	8,13	5,17
	2	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	3	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	16,17,18	8,10,13	5,7,13,17
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17	10,12	7,13
42DPWA	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,[Y]	11,12	19,22,23	[7],[9],9.3	8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
42YV6V	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4	X,[Y]	11,12	[19],22,23	7,9,[9.3]	8	15,[16],17,[18]		
4442M3	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	16,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
46D2RA	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18	8,13	5,17
	2	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
46VMB8	1	X,X		19,23	9.3,9.3		16,18		
	2	X,Y		19,22	7,8		18,19		
	3	X,Y		19,22	7,8		18,19		
	4e	X,X		19,23	9.3,9.3		16,18		
	4sp	X,Y		22,23	7,9		15,17		
4DE8WC	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X,[Y]	11,12	19,22,23	[7],[9],9.3,9.3	8,8	15,16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
4FGBY	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,[Y]	11,12	19,22,23	[9],9.3	8,8	15,16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
4UFZF6	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,Y	11,12	19,23	7,9,9.3	8	15,16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
4UG4V3	1	X	11,12	19,23	9.3	8	16,18	8,13	5,17
	2	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	3	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18	8,10,12,13	5,7,13,17
	4sp	X,Y	11,12	22,23	7,9	8	15,17	10,12	7,13

TABLE 3

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
62UBZK	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X	11,12	19,[22],23	9.3,9.3	8,8	16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
63BJ47	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
68KPRX	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,Y	11,12	19,22,23	7,9,9.3	8,8	16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
6BXGV8	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,[Y]	11,12	19,23	[7],9.3	8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
6CFF43	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X,[X],[Y]	11,12	19,[22],23	[7],[9],9.3,9.3	8,8	16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
6D6466	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18	N/A	N/A
	2	X,Y	12,12	19,22	7,8	8,8	18,19	N/A	N/A
	3	X,Y	12,12	19,22	7,8	8,8	18,19	N/A	N/A
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18	N/A	N/A
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17	N/A	N/A
6FUCCK	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X	11,12	19,23	9.3	8	16,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
6GC32X	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8,8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
6HZP3Z	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X	11,12	19,*22,23	9.3,9.3	8,8	16,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		

TABLE 3

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
6JQ2TT	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
6K8WJ9	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18		
6MTUUH	1	X	11,12	19,23	9.3	8	16,18	8,13	5,17
	2	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	3	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	4e	X	11,12	19,23	9.3	8	16,18	8,13	5,17
	4sp	X,Y	11,12	22,23	7,9	8	15,17	10,12	7,13
6QTD8X	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
6QX9RA	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
6V6QW4	1	X	11,12	19,23	9.3	8	16,18	NT	NT
	2	X,Y	12	19,22	7,8	8	18,19	NT	NT
	3	X,Y	12	19,22	7,8	8	18,19	NT	NT
	4e	X	11,12	19,23	9.3	8	16,18	NT	NT
	4sp	X,Y	11,12	22,23	7,9	8	15,17	NT	NT
6WHVJN	1	X	11,12	19,23	9.3	8	16,18	NT	NT
	2	X,Y	12	19,22	7,8	8	18,19	NT	NT
	3	X,Y	12	19,22	7,8	8	18,19	NT	NT
	4e	X,[Y]	11,12	19,22,23	[7],[9],9.3	8	15,16,17,18	NT	NT
	4sp	X,Y	11,12	22,23	7,9	8	15,17	NT	NT
6Y62R4	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,[Y]	11,12	19,23	[7],[9],9.3	8	16,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
72M6YV	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8,8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
72PEYD	1	X	11,12	19,23	9.3	8	16,18	8,13	5,17
	2	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	3	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	4e	X,[Y]	11,12	19,22,23	[7],[9],9.3	8	15,16,17,18	8,10,12,13	5,7,13,17
	4sp	X,Y	11,12	22,23	7,9	8	15,17	10,12	7,13

TABLE 3

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
72R39C	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X	11,12	19,23	9.3,9.3	8,8	16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
742UUU	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18	8,13	5,17
	2	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	3	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	4e	X,[Y]	11,12	19,[22],23	9.3,9.3	8,8	[15],16,[17],18	8,[10],[12],13	5,[7],17
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17	10,12	7,13
76PGV2	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18	8,13	5,17
	2	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	3	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	4e	X,Y	11,12	19,22,23	7,9,3	8	15,16,17,18	8,10,13	5,7,13,17
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17	10,12	7,13
778BAH	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
7GKVTD	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
7GY2DB	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18	8,13	5,17
	2	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	3	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18	8,13	5,7,13,17
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17	10,12	7,13
7JA42T	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X,[Y]	11,12	19,[22],23	[7],[9],9.3,9.3	8,8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
7R7YEJ	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,[Y]	11,12	19,23	9.3	8	[15],16,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
7XD8YU	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
7XTK6	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X	11,12	19,23	9.3	8	16,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		

TABLE 3

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
7XTL9N	1	X,X	11,12	19,23	9,3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X	11,12	19,23	9,3,9.3	8,8	16,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
7YK9H2	1	X	11,12	19,23	9.3	8	16,18	8,13	5,17
	2	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	3	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18	8,10,12,13	5,7,13,17
	4sp	X,Y	11,12	22,23	7,9	8	15,17	10,12	7,13
8748TC	1	X,X	11,12	19,23	9,3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X	11,12	19,[22],23	9,3,9.3	8,8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
8EB649	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
8F6UKA	1	X,X	11,12	19,23	9,3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
8HC9XG	1	X	11,12	19,23	9.3	8	16,18	8,13	5,17
	2	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	3	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	4e	X,[Y]	11,12	19,23	[7],[9],9.3	8	16,[17],18	8,[10],[12],13	5,[7],[13],17
	4sp	X,Y	11,12	22,23	7,9	8	15,17	10,12	7,13
8HTUGD	1	X,X		19,23			16,18		
	2	X,Y		19,22			18,19		
	3	X,Y		19,22			18,19		
	4e	X,Y		19,22,23			16,17,18		
	4sp	X,Y		22,23			15,17		
8KDAZY	1	X,X	11,12	19,23	9,3,9.3	8,8	16,18	-	-
	2	X,Y	12,12	19,22	7,8	8,8	18,19	-	-
	3	X,Y	12,12	19,22	7,8	8,8	18,19	-	-
	4e	X,[Y]	11,12	19,(22),23	[7],[9],9.3	8,8	(15),16,(17),18	-	-
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17	-	-
8M3MHG	1	X,X	11,12	19,23	9,3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8,8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		

TABLE 3

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
8RKLCY	1	X	11,12	19,23	9.3	8	16,18	8,13	5,17
	2	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	3	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	4e	X#	11,12	19,23*	9.3*	8	16,18*	8,13	5,17
	4sp	X,Y	11,12	22,23	7,9	8	15,17	10,12	7,13
98QW96	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
9AT8AR	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X,[X],[Y]	11,12	19,[22],23	[7],[9],9.3	8,8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
9B4AXB	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
9F4L9X	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X	11,12	19,[22],23	9.3	8	16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
9MMKKA	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
9PBVMV	1	X,X	11,12	19,23	9.3	8	16,18	-	-
	2	X,Y	12	19,22	7,8	8	18,19	-	-
	3	X,Y	12	19,22	7,8	8	18,19	-	-
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18	-	-
	4sp	X,Y	11,12	22,23	7,9	8	15,17	-	-
9QYDMA	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18	8,13	5,17
	2	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	3	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18	8,10,13	5,7,13,17
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17	10,12	7,13
9X2K2D	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8,8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
A3826C	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X*	11,12	19,22,23	9.3*	8	15,16,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		

TABLE 3

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
A6DJ48	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
A7U44Q	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X,[Y]	11,12	19,[22],23	[7],[9],9.3,9.3	8,8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
ABHHEX	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X	11,12	19,23	9.3	8	16,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
ACYE8X	1	X	11,12	19,23	9.3	8	16,18	8,13	5,17
	2	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	3	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18	8,10,12,13	5,7,13,17
	4sp	X,Y	11,12	22,23	7,9	8	15,17	10,12	7,13
AGG98A	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X,[Y]	11,12	19,[22],23	9.3,9.3	8,8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
AJ6HFP	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,[Y]	11,12	19,23	[7],[9],9.3,9.3	8,8	16,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
AL8EUX	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X	11,12	19,[22],23	[7],[9],9.3,9.3	8,8	16,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
AMWTCG	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	16,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
AQF8FG	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18	NT	NT
	2	X,Y	12,12	19,22	7,8	8,8	18,19	NT	NT
	3	X,Y	12,12	19,22	7,8	8,8	18,19	NT	NT
	4e	X	11,12	19,23	[7],9.3	8	16,18	NT	NT
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17	NT	NT
AUX6AY	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		

TABLE 3

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
AXZYAP	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X	11,12	19,23	[7],9.3,9.3	8,8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
AZMLXB	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8,8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
B2D8RK	1	X,X	11,12	19,23	9.3	8	16,18	8,13	5,17
	2	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	3	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	[15],16,[17],18	8,[10],[12],13	5,[7],[13],17
	4sp	X,Y	11,12	22,23	7,9	8	15,17	10,12	7,13
B447JQ	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,[Y]	11,12	19,23	[7],[9],9.3	8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
B4JLFE	1	X	11,12	19,23	9.3	8	16,18	8,13	5,17
	2	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	3	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	4e	X	11,12	19,[22],23	9.3	8	[15],16,[17],18	8,13	5,[7],17
	4sp	X,Y	11,12	22,23	7,9	8	15,17	10,12	7,13
B6BN3W	1	X	11,12	19,23	9.3	8	16,18	-	-
	2	X,Y	12	19,22	7,8	8	18,19	-	-
	3	X,Y	12	19,22	7,8	8	18,19	-	-
	4	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18	-	-
B6TTKR	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X,[Y]	11,12	19,[22],23	*7,*9,9.3	8,8	[15],16,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
B82UL8	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18	8,13	5,17
	2	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	3	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18	8,10,13	5,7,13,17
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17	10,12	7,13
B8H2T9	1	X	11,12	19,23	9.3	8	16,18	8,13	5,17
	2	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	3	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	4e	X	11,12	19,[22],23	[7],9.3	8	16,[17],18	8,[12],13	5,[7],17
	4sp	X,Y	11,12	22,23	7,9	8	15,17	10,12	7,13

TABLE 3

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
B93K8F	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
BCWJEJ	1	X	11,12	19,23	9.3	8	16,18	8,13	5,17
	2	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	3	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	4e	X,[Y]	11,12	19,[22],23	[7],9.3	8	[15],16,[17],18	8,[10],[12],13	5,[7],[13],17
	4sp	X,Y	11,12	22,23	7,9	8	15,17	10,12	7,13
BDB379	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X,[Y]	11,12	19,[22],23	9.3,9.3	8,8	16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
BH3EYJ	1	X	11,12	19,23	9.3,9.3	8,8	16,18	8,13	5,17
	2	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	3	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	4e	X,Y	11,12	19,23	7,9,9.3	8,8	15,16,17,18	8,10,12,13	5,7,13,17
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17	10,12	7,13
BJHEH9	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[9],9.3	8,8	16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
BLL6QA	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,Y	11,12	19,23	7,9.3	8	15,16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
BQBDRN	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8,8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
BTH3YJ	1	X	11,12	19,23	9.3	8	16,18	8,13	5,17
	2	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	3	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	[15],16,[17],18	8,[10],[12],13	5,[7],[13],17
	4sp	X,Y	11,12	22,23	7,9	8	15,17	10,12	7,13
BVFDCZ	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18		
	4sp	X,Y	11,12	22,23	7,9,9.3	8	15,16,17,18		

TABLE 3

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
BVMWG4	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X,[X],[Y]	11,12	19,23	[7],[9],9.3,9.3	8,8	16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
BZKFRZ	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3e	X,Y	12	19,22	7,8	8	18,19		
	3sp	NR	NR	NR	NR	NR	NR		
	4e	X	11,12	19,23	9.3	8	16,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
C6R6V4	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18	8,13	5,17
	2	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	3	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18	8,10,13	5,7,13,17
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17	10,12	7,13
	C7JERN	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18	
2		X,Y	12,12	19,22	7,8	8,8	18,19		
3e		X,Y	12,12	19,22	7,8	8,8	18,19		
3s		X,Y	12,12	19,22	7,8	8,8	18,19		
4e		X,X,[Y]	11,12	19,[22],23	[7],[9],9.3,9.3	8,8	16,18		
4sp		X,Y	11,12	22,23	7,9	8,8	15,17		
CBE6YL		1	X,X	11,12	19,23	9.3,9.3	8,8	16,18	
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X,[Y]	11,12	19,23	[7],[9],9.3,9.3	8,8	(15),16,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
	CBU2AE	1	X	11,12	19,23	9.3	8	16,18	
2		X,Y	12	19,22	7,8	8	18,19		
3		X,Y	12	19,22	7,8	8	18,19		
4e		X	11,12	19,23	[9],9.3	8	16,17,18		
4sp		X,Y	11,[12]	22	7	8	15,17		
CBVBB7		1	X,X	11,12	19,23	9.3,9.3	8,8	16,18	8,13
	2	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	3	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	4e	X,X	11,12	19,23	9.3,9.3	8,8	16,18	8,13	5,17
	4sp	X,Y	11,12	22	7,9	8	15,17	10,12	7,13
	CCU7D9	1	X	11,12	19,23	9.3	8	16,18	
2		X,Y	12	19,22	7,8	8	18,19		
3		X,Y	12	19,22	7,8	8	18,19		
4e		X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	[15],16,[17],18		
4sp		X,Y	11,12	22,23	7,9	8	15,17		
CGZ8U7		1	X,X	11,12	19,23	9.3	8	16,18	
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		

TABLE 3

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
CHMB7D	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,[Y]	11,12	19,23	[7],[9],9.3	8	16,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
CNK42Z	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18	NT	NT
	2	X,Y	12,12	19,22	7,8	8,8	18,19	NT	NT
	3	X,Y	12,12	19,22	7,8	8,8	18,19	NT	NT
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8,8	[15],16,[17],18	NT	NT
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17	NT	NT
CWBLF9	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
CXV7JK	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X	11,12	19,[22],23	9.3,9.3	8,8	16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
D22HFJ	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X	11,12	19,[22],23	[7],[9],9.3	8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
DAY7FW	1	X	11,12	19,23	9.3	8	16,18	N/A	N/A
	2	X,Y	12	19,22	7,8	8	18,19	N/A	N/A
	3	X,Y	12	19,22	7,8	8	18,19	N/A	N/A
	4e	X	11,12	19,23	9.3	8	15,16,18	N/A	N/A
	4sp	X,Y	11,12	22,23	7,9	8	15,17	N/A	N/A
DCMQBR	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18	8,13	5,17
	2	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	3	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	4e	X,Y	11,12	19,22,23	7,9,9.3	8,8	15,16,17,18	8,10,12,13	5,7,13,17
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17	10,12	7,13
DGMPUX	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
DHDZLQ	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18	8,13	5,17
	2	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	3	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	4e	X,X,[Y]	11,12	19,[22],23	9.3,9.3	8,8	16,18	8,13	5,17
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17	10,12	7,13
DHTBAX	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X	11,12	19,23	[9],9.3	8	[15],16,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		

TABLE 3

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
DJ378H	1	X	11,12	19,23	9.3	8	16,18	8,13	5,17
	2	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	3	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	[15],16,[17],18	8,[10],[12],13	5,[7],[13],17
	4sp	X,Y	11,12	22,23	7,9	8	15,17	10,12	7,13
DLWVNH	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8,8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
DQ9YEK	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X,[Y]	11,12	19,[22],23	[7],[9],9.3,9.3	8,8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
DTEGDG	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
E49KWW	1	X,X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,X	11,12	19,23	9.3	8	16,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
EEBAZW	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
EERPWK	1	F	11,12	19,23	9.3,9.3	8,8	16,18		
	2	M	12,12	19,22	7,8	8,8	18,19		
	3	M	12,12	19,22	7,8	8,8	18,19		
	4e	F,[M]	11,12	19,22,23	[7],[9],9.3	8,8	[15],16,[17],18		
	4sp	M	11,12	22,23	7,9	8,8	15,17		
EG3DPX	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,[Y]	11,12	19,[22],23	9.3,9.3	8,8	16,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
EJXMLL	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18	8,13	5,17
	2	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	3	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	4	X,[Y]	11,12	19,[22],23	7,9,9.3	8	[15],16,[17],18	8,[10],[12],13	5,[7],[13],17

TABLE 3

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
ELRGDN	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
ENVQKQ	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
ERWLFM	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X,[Y]	11,12	19,[22],23	[7],9.3,9.3	8,8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
EVBVD7	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
F2H9NU	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X	11,12	19,22,23	7,9,9.3	8	15,16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
F38KEM	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X*	11,12	19,[22],23	9.3,9.3*	8,8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
F3WN73	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3e	X,Y	12	19,22	7,8	8	18,19		
	3sp	-	-	-	-	-	-		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
FA9R33	1	X	11,12	19,23	9.3	8	16,18	8,13	5,17
	2	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	3	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	4e	X	11,12	19,[22],23	[7],[9],9.3	8	[15],16,[17],18	8,[10],[12],13	5,7,13,17
	4sp	X,Y	11,12	22,23	7,9	8	15,17	10,12	7,13
FD8AXA	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		

TABLE 3

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
FGQZQY	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18	8,13	5,17
	2	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	3	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8,8	[15],16,[17],18	8,[10],[12],13	5,[7],[13],[17]
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17	10,12	7,13
FNTDJF	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18	8,13	5,17
	2	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	3	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	4e	X,Y	11,12	19,22,23	7,9.3	8	15,16,17,18	8,10,13	5,7,13,17
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17	10,12	7,13
FPAELH	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
FPKDLT	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
FTBFNZ	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8,8	16,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
FU2JD2	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
FUEEJ3	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18	8,13	5,17
	2	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	3	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	16,[17],18	8,[10],[12],13	5,[13],17
	4sp	X,Y	11,12	[19],22,23	7,9,[9.3]	8	15,[16],17,[18]	[8],10,12,[13]	7,13
GBH2QU	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
GCBJKM	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
GFBVGM	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18	NA	NA
	2	X,Y	12,12	19,22	7,8	8,8	18,19	NA	NA
	3	X,Y	12,12	19,22	7,8	8,8	18,19	NA	NA
	4e	X,X	11,12	19,[22],23	9.3,9.3	8,8	16,[17],18	NA	NA
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17	NA	NA

TABLE 3

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
GG69UK	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,[Y]	11,12	19,22,23	7,9,9.3	8	15,16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
GYVJM	1	X	11,12	19,23	9.3	8	16,18	8,13	5,17
	2	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	3	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18	8,10,12,13	5,7,13,17
	4sp	X,Y	11,12	22,23	7,9	8	15,17	10,12	7,13
H4VXWW	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
H72DBF	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X	11,12	19,(22),23	[7],9.3,9.3	8,8	(15),16,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
H7KUCW	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
H7PH3U	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
HF8R33	1	X	11,12	19,23	9.3	8	16,18	8,13	5,17
	2	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	3	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	16,[17],18	8,[12],13*	5,17*
	4sp	X,Y	11,12	22,23	7,9	8	15,17	10,12	7,13
HJCRME	1	X,X		19,23			16,18		
	2	X,Y		19,22			18,19		
	3	X,Y		19,22			18,19		
	4e	X,[Y]		19,[22],23			[15],16,[17],18		
	4sp	X,Y		22,23			15,17		
HJUJWY	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18	-	-
	2	X,Y	12,12	19,22	7,8	8,8	18,19	-	-
	3	X,Y	12,12	19,22	7,8	8,8	18,19	-	-
	4e	X,X	11,12	19,23	9.3,9.3	8,8	16,18	-	-
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17	-	-

TABLE 3

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
HMUJRY	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
HRMYJH	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,[Y]	11,12	19,22,23	[7],[9],9.3	8	16,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
HXQNHV	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
J2JHZA	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18	N/A	N/A
	2	X,Y	12,12	19,22	7,8	8,8	18,19	N/A	N/A
	3	X,Y	12,12	19,22	7,8	8,8	18,19	N/A	N/A
	4e	X,Y	11,12	19,23	7,8,9.3	8	16,18	N/A	N/A
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17	N/A	N/A
J48G8Z	1	X	11,12	19,23	9.3	8	16,18	8,13	5,17
	2	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	3	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18	8,10,13	5,7,17*
	4sp	X,Y	11,12	22,23	7,9	8	15,17	10,12	7,13
J6AMT8	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X	11,12	19,23	9.3	8	16,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
JBR8LL	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8,8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
JGMJFY	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X,[Y]	11,12	19,[22],23	[7],[9],9.3,9.3	8,8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
JN42NZ	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3e	X,Y	12	19,22	7,8	8	18,19		
	3sp					8	19		
	4e	X,[Y]	11,12	19,22,23	[7],[9],9.3	8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		

TABLE 3

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
JTG4DG	1	X	11,12	19,23	9.3	8	16,18	8,13	5,17
	2	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	3	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	[15],16,[17],18	8,[10],[12],13	5,[7],[13],17
	4sp	X,Y	11,12	22,23	7,9	8	15,17	NR	NR
JUP8W7	1	X	11,12	19,23	9.3	8	16,18	8,13	5,17
	2	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	3	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	4e	X	11,12	19,23	9.3	8	16,18	8,13	5,17
	4sp	X,Y	11,12	22,23	7,9	8	15,17	10,12	7,13
K22RKN	1	X	11,12	19,23	9.3	8	16,18	8,13	5,17
	2	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	3	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	4e	X,[Y]	11,12	19,[22],23	9.3	8	[15],16,[17],18	8,[12],13	5,17
	4sp	X,Y	11,12	22,23	7,9	8	15,17	10,12	7,13
K8AAR4	1	X	11,12	19,23	9.3	8	16,18	8,13	5,17
	2	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	3	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	4e	X,[Y]	11,12	19,[22],23	[7],9.3	8	[15],16,[17],18	8,13	5,17
	4sp	X,Y	11,12	22,23	7,9	8	15,17	10,12	7,13
KA33ZU	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,[Y]	11,12	19,22,23	7,9,9.3	8	16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
KGJF2D	1	X,X		19,23			16,18		
	2	X,Y		19,22			18,19		
	3	X,Y		19,22			18,19		
	4e	X,[Y]		19,[22],23			16,18		
	4sp	X,Y		22,23			15,17		
KMG9W2	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
KMZMD7	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X	11,12	19,23	9.3,9.3	8,8	16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
KP7H4G	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,[Y]	11,12	19,[22],23	*=7,*=9,9.3	8,8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
KVYL97	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		

TABLE 3

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
KY3CG8	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	16,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
KZCGUV	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X,[Y]	11,12	19,[22],23	[7],9.3,9.3	8,8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
L6K66C	1	X,X		19,23			16,18		
	2	X,Y		19,22			18,19		
	3	X,Y		19,22			18,19		
	4e	X,X		19,23			[15],16,[17],18		
	4sp	X,Y		22,23			15,17		
L8KZ6Z	1	X,X		19,23			16,18		
	2	X,Y		19,22			18,19		
	3	X,Y		19,22			18,19		
	4e	X,X		19,22,23			16,17,18		
	4sp	X,Y		22,23			15,17		
LB4V8R	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
LJACLY	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18	NT	NT
	2	X,Y	12,12	19,22	7,8	8,8	18,19	NT	NT
	3	X,Y	12,12	19,22	7,8	8,8	18,19	NT	NT
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8,8	[15],16,[17],18	NT	NT
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17	NT	NT
LKCVUT	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18	8,13	5,17
	2	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	3	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	4e	X,X	11,12	19,[22],23	[7],[9],9.3	8,8	[15],16,[17],18	8,[10],[12],13	5,[7],17
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17	10,12	7,13
M4WCDD	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3e	X,Y	12,12	19,22	7,8	8,8	18,19		
	3sp	X,-	12,-	19,-	7,-	8,-	18,19		
	4e	X,X	11,12	19,23	9.3,9.3	8,8	16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
MD7UWW	1	X	11,12	19,23	9.3	8	16,18	8,13	5,17
	2	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	3	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	[15],16,[17],18	8,[10],[12],13	5,[7],[13],17
	4sp	X,Y	11,12	22,23	7,9	8	15,17	10,12	7,13

TABLE 3

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
MHYLG M	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	16,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
MPKMQX	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X	11,12	19,23	9.3,9.3	8,8	15,16,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
MRMBNU	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y		19,22			18,19		
	4e	X,X		19,23			16,18		
	4sp	X,Y		22,23			15,17		
MTLQK6	1	X,X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,[Y]	11,12	19,23	[7],[9],9.3	8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
N2CTX2	1	X	11,12	19,23	9.3	8	16,18	8,13	5,17
	2	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	3	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	4e	X,Y	11,12	19,22,23	[7],[9],9.3	8	15,16,17,18	8,10,12,13	5,7,13,17
	4sp	X,Y	11,12	22,23	7,9	8	15,17	10,12	7,13
N734WD	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],9.3	8,8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
N9XN3B	1	X,X		19,23			16,18		
	2	X,Y		19,22			18,19		
	3	X,Y		19,22			18,19		
	4e	X,[Y]		19,[22],23			16,[17],18		
	4sp	X,Y		22,23			15,17		
NB2JLE	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,Y	11,12	19,22,23	9.3	8	15,16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
NCQLGG	1	X,X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		

TABLE 3

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
NDGF6R	1	X,X		19,23	9.3,9.3		16,18		
	2	X,Y		19,22	7,8		18,19		
	3	X,Y		19,22	7,8		18,19		
	4e	X,[Y]		19,[22],23	[7],[9],9.3		[15],16,[17],18		
	4sp	X,Y		22,23	7,9		15,17		
NG8VYE	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
NHWHZG	1	X,X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
NJMLPG	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
NJVPFF	1	X	11,12	19,23	9.3	8	16,18	8,13	5,17
	2	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	3	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18	8,10,12,13	5,7,13,17
	4sp	X,Y	11,12	22,23	7,9	8	15,17	10,12	7,13
NQQMUH	1	X	11,12	19,23	9.3	8	16,18	8,13	5,17
	2	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	3	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	4e	X	11,12	19,23	9.3	8	16,18*	8,13	INC
	4sp	X,Y	11,12	22,23	7,9	8	15,17	10,12	7,13
NY7BY6	1	X	11,12	19,23	9.3	8	16,18	8,13	5,17
	2	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	3	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	4e	X,Y	11,12	19,22,23	9,9.3	8	15,16,17,18	8,10,13	5,17
	4sp	X,Y	11,12	22,23	7,9	8	15,17	10,12	7,13
NYFF29	1	X	11,12	19,23	9.3	8	16,18	8,13	5,17
	2	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	3	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18	8,10,12,13	5,7,13,17
	4sp	X,Y	11,12	22,23	7,9	8	15,17	10,12	7,13
P28YW2	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		

TABLE 3

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
P6RKL9	1	X,X	11,12	19,23	9.3	8	16,18	8,13	5,17
	2	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	3	X,Y	12	19,22	7,8	8	18,19	Not tested	Not Tested
	4e	X,[Y]	11,12	19,[22],23	[9*],9.3	8	16,[17],18	Not tested	Not tested
	4sp	X,Y	11,12	22,23	7,9	8	15,17	Not Tested	Not tested
P72MGK	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18		
	4sp	X,Y	11,12	22,23	7,9,9.3	8	15,17		
P7GTUN	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,Y	11,12	19,22,23	9,9.3	8	15,16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
P9RX8D	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
PGGD9A	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X	11,12	19,23	[9],9.3	8,8	16,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
PGHGLL	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3e	X,Y	12	19,22	7,8	8	18,19		
	3sp	NR	NR	NR	[7]	NR	NR		
	4e	X	11,12	19,23	9.3	8	16,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
PLZEF4	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,Y	11,12	[19],22,23	7,9,9.3	8	15,16,17,18		
	4sp	X,Y	11,12	[19],22,23	7,9,[9.3]	8	15,17,[18]		
PNZPAH	1	X	11,12	19,23	9.3	8	16,18	8,13	5,17
	2	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	3	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	4e	X,[Y]	11,12	19,[22],23	[7],9.3	8	16,[17],18	8,[10],[12],13	5,[7],[13],17
	4sp	X,Y	11,12	22,23	7,9	8	15,17	10,12	7,13
Q3KMUC	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		

TABLE 3

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
QBB69L	1	X,X		19,23			16,18		
	2	X,Y		19,22			18,19		
	3	X,Y		19,22			18,19		
	4e	X,[Y]		19,22,23			15,16,17,18		
	4sp	X,Y		22,23			15,17		
QET343	1	X	11,12	19,23	9,3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
QGUY3Q	1	X,X	11,12	19,23	9,3	8	16,18	8,13	5,17
	2	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	3	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	4e	X,X	11,12	19,23	9,3	8	16,18	8,13	5,17
	4sp	X,Y	11,12	22,23	7,9	8	15,17	10,12	7,13
QQ22GH	1	X	11,12	19,23	9,3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
QT9JED	1	X,X	11,12	19,23	9,3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,Y	11,12	19,23	7,*=9,9.3	8,8	16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
R3PUYP	1	X	11,12	19,23	9,3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
R79KRE	1	X,X	11,12	19,23	9,3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X,[Y]	11,12	19,[22],23	[7],[9],9.3,9.3	8,8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
R7Q4JL	1	X	11,12	19,23	9,3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
RB6B3K	1	X,X	/	19,23	/	/	16,18	/	/
	2	X,Y	/	19,22	/	/	18,19	/	/
	3	X,Y	/	19,22	/	/	18,19	/	/
	4e	X,Y	/	22,23	/	/	15,17	/	/
	4sp	X,Y	/	22,23	/	/	15,17	/	/

TABLE 3

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
RFN9X3	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
RGVJHK	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18	-	-
	2	X,Y	12,12	19,22	7,8	8,8	18,19	-	-
	3	X,Y	12,12	19,22	7,8	8,8	18,19	-	-
	4e	X,X,[Y]	11,12	19,[22],23	[7],9.3,9.3	8,8	16,[17],18	-	-
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17	-	-
RHTTMM	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X,[Y]	11,12	19,22,23	[7],9.3,9.3	8,8	[15],16,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
RNDXD3	1	X	11,12	19,23	9.3	8	16,18	8,13	5,17
	2	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	3	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18	8,10,12,13	5,7,13,17
	4sp	X,Y	11,12	22,23	7,9	8	15,17	10,12	7,13
RNPTMN	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
RUUP7N	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
RXCHAH	1	X,X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
RXDRAP	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18	8,13	5,17
	2	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	3	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	4e	X,Y	11,12	19,22,23	9.3,9.3	8	16,17,18	8,10,13	5,7,13,17
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17	10,12	7,13
RYBYQ8	1	X,X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,[Y]	11,12	19,[22],23	9.3	8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		

TABLE 3

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
RYEFYD	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,*=Y	11,12	19,22,23	9.3,9.3	8,8	16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
RYNMWZ	1	X	11,12	19,23	9.3	8	16,18	8,13	5,17
	2	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	3	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	4e	X	11,12	19,[22],23	[7],[9],9.3	8	[15],16,[17],18	8,[10],13	5,[7],17
	4sp	X,Y	11,12	22,23	7,9	8	15,17	10,12	7,13
T2YWFP	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
T38ZCL	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X,[Y]	11,12	19,[22],23	[7],[9],9.3,9.3	8,8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
T6WB3E	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X,[X],[Y]	11,12	19,23	9.3,9.3	8,8	16,18		
	4sp	X,Y	11,12	22,23	7,9,[9.3]	8,8	15,17		
T9F9WW	1	X	11,12	19,23	9.3	8	16,18	8,13	5,17
	2	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	3	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	[15],16,[17],18	8,[10],[12],13	5,7,13,17
	4sp	X,Y	11,12	22,23	7,9	8	15,17	10,12	7,13
TALU8R	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,[Y]	11,12	19,22,23	[7],[9],9.3	8,8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
TCDN8E	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X	11,12	19,[22],23	[7],[9],9.3	8,8	16,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
TH7PRR	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		

TABLE 3

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
TK7LRF	1	X,X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
TKJMKM	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
TL9N3K	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,Y	11,12	19,23	7,9.3	8	15,16,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
TNNETM	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X,[X],[Y]	11,12	19,[22],23	[7],9.3,9.3	8,8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
TRNUFD	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8,8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
TU3TWL	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
TVADEU	1	X	11,12	19,23	9.3	8	16,18	8,13	5,17
	2	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	3	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	[15],16,[17],18	8,13	5,[7],17
	4sp	X,Y	11,12	22,23	7,9	8	15,17	10,12	7,13
TY8UQN	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
U68RKK	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18	8,13	5,17
	2	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	3	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	4e	X,X	11,12	19,23	(7),9.3	8,8	16,18	8,(10),(12),13	5,17
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17	10,12	7,13

TABLE 3

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
U7LX4G	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3e	X,Y	12,12	19,22	7,8	8,8	18,19	n/a	n/a
	3sp	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	4e	X,ND*	11,12	(19)*,(22),23	(7),(9),9.3	8	(15),16,(17),18	n/a	n/a
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17	n/a	n/a
U8X6HP	1	X	11,12	19,23	9.3	8	16,18	8,13	5,17
	2	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	3	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18	8,10,12,13	5,7,13,17
	4sp	X,Y	11,12*	22,23	7,9	8	15,17	10,12	7,13
	UGQRRF	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18	8,13
2		X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
3		X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
4e		X,X	11,12	19,[22],23	9.3,9.3	8,8	16,[17],18	8,13	5,17
4sp		X,Y	11,12	22,23	7,9	8,8	15,17	10,12	7,13
UHFETH		1	X	11,12	19,23	9.3	8	16,18	
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
	UHZW64	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18	
2		X,Y	12,12	19,22	7,8	8,8	18,19		
3		X,Y	12,12	19,22	7,8	8,8	18,19		
4e		X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	[15],16,[17],18		
4sp		X,Y	11,12	22,23	7,9	8,8	15,17		
UK6N2X		1	X,X	11,12	19,23	9.3,9.3	8,8	16,18	
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	16,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
	UM6V4P	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18	
2		X,Y	12,12	19,22	7,8	8,8	18,19		
3		X,Y	12	19,22	7,8	8	18,19		
4e		X,[Y]	11,12	19,23	[7],9.3	8	[15],16,[17],18		
4sp		X,Y	11,12	22,23	7,9	8	15,17		
UPWUGM		1	X,X	11,12	19,23	9.3,9.3	8,8	16,18	8,13
	2	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	3	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18	8,10,13	5,7,13,17
	4sp	X,Y	11,12	23,23	7,9	8,8	15,17	10,12	7,13
	UQREJC	1	X	11,12	19,23	9.3	8	16,18	8,13
2		X,Y	12	19,22	7,8	8	18,19	5,8	12,16
3		X,Y	12	19,22	7,8	8	18,19	5,8	12,16
4e		X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18	8,10,12,13	5,7,13,17
4sp		X,Y	11,12	22,23	7,9	8	15,17	10,12	7,13

TABLE 3

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
UTW7DM	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18	8,13	5,17
	2	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	3	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18	8,10,13	5,7,13,17
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17	10,12	7,13
UYN2KK	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18	8,13	5,17
	2	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	3	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	4e	X,X	11,12	19,[22],23	[7],[9],9.3	8,8	16,18	8,[10],13	5,[7],[13],17
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17	10,12	7,13
UZECCD	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18	Not Tested	Not Tested
	2	X,Y	12,12	19,22	7,8	8,8	18,19	Not Tested	Not Tested
	3	X,Y	12,12	19,22	7,8	8,8	18,19	Not Tested	Not Tested
	4e	X,X,[Y]	11,12	19,[22],23	[7],[9],9.3,9.3	8,8	16,[17],18	Not Tested	Not Tested
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17	Not Tested	Not Tested
VB7HHH	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
VCRQBJ	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
VDHYBL	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,[Y]	11,12	19,22,23	[7],[9],9.3	8	[15],16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17,[18]		
VE8LCN	1	X,X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
VHPBPT	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,16,17		
VJ7TXL	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
VNW8HM	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X	11,12	19,23	9.3	8	16,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		

TABLE 3

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
VQ6HFB	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X,[Y]	11,12	19,(22),23	[7],[9],9.3,9.3	8,8	(15),16,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
VRF3KE	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X	11,12	19,23	9.3	8	16,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
VXMWBU	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	16,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
W3VFWH	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18		
W4M2KJ	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18	-	-
	2	X,Y	12,12	19,22	7,8	8,8	18,19	-	-
	3	X,Y	-	19,22	-	-	18,19	-	-
	4e	X,X	-	19,23	-	-	16,18	-	-
	4sp	X,Y	-	22,23	-	-	15,17	-	-
W72XB4	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,[Y]	11,12	19,22,23	[7],[9],9.3	8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
W9LF9A	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4	X,Y	11,12	[19],22,23	7,9,9.3	8,8	15,[16],17,[18]		
WBA7VE	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,[Y]	11,12	19,22,23	7,9,9.3	8	15,16,17,18		
	4sp	X,Y	11,12,[-]	22,23,[-]	7,9,[9.3]	8,[-]	15,[16],17,[18]		
WCXTWF	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18	NT	NT
	2	X,Y	12,12	19,22	7,8	8,8	18,19	NT	NT
	3	X,Y	12,12	19,22	7,8	8,8	18,19	NT	NT
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8,8	[15],16,[17],18	NT	NT
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17	NT	NT

TABLE 3

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
WEM36W	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X	11,12	19,23	[7],9.3	8	16,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
WL476Q	1	X,X		19,23			16,18		
	2	X,Y		19,22			18,19		
	3	X,Y		19,22			18,19		
	4e	X,X		19,22,23			16,18		
	4sp	X,Y		22,23			15,17		
WNEM9B	1	X	11,12	19,23	9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4	X,Y	11,12	19,22,23	7,9,9.3	8,8	15,16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
WNRCLL	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,Y	11,12	19,22,23	9.3,9.3	8,8	15,16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
WP9BZ6	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
WTENQJ	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X,[Y]	11,12	19,[22],23	7,9,9.3	8,8	15,16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
WU6YGC	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X,[X],[Y]	11,12	19,[22],23	[7],[9],9.3,9.3	8,8	16,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
WX7V9R	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
WZLLYU	1	X	11,12	19,23	9.3	8	16,18	8,13	5,17
	2	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	3	X,Y	12	19,22	7,8	8	18,19	5,8	12,16
	4e	X,[Y]	11,12	19,23	[7],[9],9.3	8	16,[17],18	8,13	5,[7],17
	4sp	X,Y	11,12	22,23	7,9	8	15,17	10,12	7,13
X2H8HD	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		

TABLE 3

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
X6YPJV	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
XB72WV	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18		
	4sp	X,Y	11,12	[19],22,23	7,9,[9.3]	8	15,[16],17,[18]		
XF6FJK	1	X	11,12	19,23	9.3	8	16,18	N.A.	N.A.
	2	X,Y	12	19,22	7,8	8	18,19	N.A.	N.A.
XG74FG	1	X	11,12	19,23	9.3	8	16,18	N/A	N/A
	2	X,Y	12	19,22	7,8	8	18,19	N/A	N/A
	3	X,Y	12	19,22	7,8	8	18,19	N/A	N/A
	4e	X,[Y]	11,12	19,22,23	[7],[9],9.3	8	[15],16,[17],18	N/A	N/A
	4sp	X,Y	11,12	22,23	7,9	8	15,17	N/A	N/A
XJ2YM6	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
XNVTMQ	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X	11,12	19,[22],23	9.3	8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
XUFPK8	1	X	11,12	19,23	9.3	8	16,18	NA	NA
	2	X,Y	12	19,22	7,8	8	18,19	NA	NA
	3	X,Y	12	19,22	7,8	8	18,19	NA	NA
	4e	X,[Y]	11,12	[19],[22],23	[7],[9],9.3	8	[15],16,[17],18	NA	NA
	4sp	X,Y	11,12	22,23	7,9	8	15,17	NA	NA
XVTLHE	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
XVX3RY	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18	8,13	5,17
	2	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	3	X,Y	12,12	19,22	7,8	8,8	18,19	5,8	12,16
	4e	X,Y	11,12	19,22,23	7,9,9.3	8	15,16,17,18	8,10,13	5,7,13,17
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17	10,12	7,13
XW3V76	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X,(Y)	11,12	19,(22),23	*7,*9,9.3,9.3	8,8	16,(17),18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		

TABLE 3

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
Y6E6FJ	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X	11,12	19,23	9.3	8	16,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
Y74HX2	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,[Y]	11,12	19,[22],23	9.3,9.3	8,8	16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
YNP3RT	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,[Y]	11,12	19,23	[7],[9],9.3	8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
YWHHEB	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,[Y]	11,12,[--]	19,22,23,--	[7],[9],9.3	8,[--]	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
YXCZJT	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	16,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
Z33PLH	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X	11,12	19,23	7,9.3	8	16,18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17		
Z37H7C	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,[Y]	11,12	19,[22],23	[7],[9],9.3	8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
ZA63EY	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,Y	11,12	19,22,23	9.3	8	15,16,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
ZDZXYT	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X	11,12	19,22,23	9.3,9.3	8,8	16,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		

TABLE 3

WebCode	Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
ZGKAQQ	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
	3	X,Y	12	19,22	7,8	8	18,19		
	4e	X,[Y]	11,12	19,23	[9],9.3	8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8	15,17,[18]		
ZK936L	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		
ZTB7RP	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,[Y]	11,12	19,[22],23	9.3,9.3	8,8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
ZVLDGH	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,[Y]	11,12	19,[22],23	9.3	8	[15],16,[17],18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
ZX77FD	1	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	2	X,Y	12,12	19,22	7,8	8,8	18,19		
	3	X,Y	12,12	19,22	7,8	8,8	18,19		
	4e	X,X	11,12	19,23	9.3,9.3	8,8	16,18		
	4sp	X,Y	11,12	22,23	7,9	8,8	15,17		
ZXBQZZ	1	X	11,12	19,23	9.3	8	16,18		
	2	X,Y	12	19,22	7,8	8	18,19		

Results in brackets "[ ]" indicate minor or weaker alleles  
 \* See Additional Comments.(Table 10)

# STR Results - Part III

TABLE 4

WebCode	Item	D2S1338	D19S433
2R4FMZ	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
2U934B	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,23,24	14,15,15.2,16.2
	4sp	23,24	15,15.2
2YZD23	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20	14,16.2
	4sp	23,24	15,15.2
3DYJ4X	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
42DPWA	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,15,15.2,16.2
	4sp	23,24	15,15.2
42YV6V	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4	[17],[20],23,24	[14],15,15.2,[16.2]
4442M3	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,16.2
	4sp	23,24	15,15.2
46VMB8	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20	14,16.2
	4sp	23,24	15,15.2
4DE8WC	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,23,24	14,15,15.2,16.2
	4sp	23,24	15,15.2

TABLE 4

WebCode	Item	D2S1338	D19S433
4UFZF6	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,23,24	14,15,15.2,16.2
	4sp	23,24	15,15.2
63BJ47	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,23,24	14,15,15.2,16.2
	4sp	23,24	15,15.2
6BXGV8	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
6CFF43	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
6D6466	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,23,24	14,15,15.2,16.2
	4sp	23,24	15,15.2
6JQ2TT	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
6K8WJ9	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4	17,20,23,24	14,15,15.2,16.2
6QX9RA	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
6V6QW4	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20	14,16.2
	4sp	23,24	15,15.2

TABLE 4

WebCode	Item	D2S1338	D19S433
6WHVJN	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,23,24	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
6Y62R4	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
72M6YV	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
778BAH	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
7JA42T	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
7R7YEJ	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
7XD8YU	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
7XTKD6	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20	14,16.2
	4sp	23,24	15,15.2
7XTL9N	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20	14,16.2
	4sp	23,24	15,15.2

TABLE 4

WebCode	Item	D2S1338	D19S433
8KDAZY	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,(23),(24)	14,(15),(15.2),16.2
	4sp	23,24	15,15.2
8M3MHG	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
9AT8AR	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
9F4L9X	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20	14,[15.2],16.2
	4sp	23,24	15,15.2
9MMKKA	1	17,20	14,16.2
	2	18,21	14.2,15
9PBVMV	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,23,24	14,15,15.2,16.2
	4sp	23,24	15,15.2
9X2K2D	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
A3826C	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,23*	14,16.2*
	4sp	23,24	15,15.2
A6DJ48	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20	14,16.2
	4sp	23,24	15,15.2

TABLE 4

WebCode	Item	D2S1338	D19S433
ABHHEX	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20	14,16.2
	4sp	23,24	15,15.2
AJ6HFP	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
AL8EUX	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15.2],16.2
	4sp	23,24	15,15.2
AQF8FG	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20	14,16.2
	4sp	23,24	15,15.2
AXZYAP	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20	14,[15.2],16.2
	4sp	23,24	15,15.2
B447JQ	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15.2],16.2
	4sp	23,24	15,15.2
B6BN3W	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4	17,20,23,24	14,15,15.2,16.2
B93K8F	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,23,24	14,15,15.2,16.2
	4sp	23,24	15,15.2
BLL6QA	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,23,24	14,15.2,16.2
	4sp	23,24	15,15.2

TABLE 4

WebCode	Item	D2S1338	D19S433
BQBDRN	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
BVFDCZ	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,23,24	14,15,15.2,16.2
	4sp	17,20,23,24	14,15,15.2,16.2
BVMWG4	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],16.2
	4sp	23,24	15,15.2
BZKFRZ	1	17,20	14,16.2
	2	18,21	14.2,15
	3e	18,21	14.2,15
	3sp	NR	NR
	4e	17,20,[24]	14,16.2
	4sp	23,24	15,15.2
CBE6YL	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,(23),[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
CBU2AE	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20	14,[15.2],16.2
	4sp	20,23,24	15,15.2
CBVBB7	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20	14,16.2
	4sp	23,24	15,15.2
CCU7D9	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
CGZ8U7	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2

TABLE 4

WebCode	Item	D2S1338	D19S433
CHMB7D	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
CNK42Z	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	NT
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
D22HFJ	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
DAY7FW	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,23	14,15.2,16.2
	4sp	23,24	15,15.2
DGMPUX	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,23,24	14,15,15.2,16.2
	4sp	23,24	15,15.2
DHTBAX	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[24]	14,[15],16.2
	4sp	23,24	15,15.2
DQ9YEK	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
DTEGDG	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
E49KWW	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20	14,16.2
	4sp	23,24	15,15.2

TABLE 4

WebCode	Item	D2S1338	D19S433
EEBAZW	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,23,24	14,15,15.2,16.2
	4sp	23,24	15,15.2
ELRGDN	1	17,20	
	2	18,21	
	3	18,21	
	4e	17,20,23,24	
	4sp	23,24	
ENVQKQ	1	17,20	14,16.2
	2	18,21	14.2,15
EVBVD7	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,23,24	14,15,15.2,16.2
	4sp	23,24	15,15.2
F2H9NU	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,24	14,15.2,16.2
	4sp	23,24	15,15.2
F3WN73	1	17,20	14,16.2
	2	18,21	14.2,15
	3e	18,21	14.2,15
	3sp	-	-
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
FU2JD2	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
FUEEJ3	1	17,20	
	2	18,21	
	3	18,21	
	4e	17,20,[23],[24]	
	4sp	[17],[20],23,24	
GBH2QU	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,23,24	14,15,15.2,16.2
	4sp	23,24	15,15.2

TABLE 4

WebCode	Item	D2S1338	D19S433
GCBJKM	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
GFBVGM	1	17,20	NA
	2	18,21	NA
	3	18,21	NA
	4e	17,20,[23],[24]	NA
	4sp	23,24	NA
H72DBF	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,(23)	14,(15.2),16.2
	4sp	23,24	15,15.2
H7PH3U	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,23,24	14,15,15.2,16.2
	4sp	23,24	15,15.2
HF8R33	3	18,21	
	4e	17,20,[23],[24]	
	4sp	23,24	
J48G8Z	1	17,20	
	2	18,21	
	3	18,21	
	4e	17,20,23,24	
	4sp	23,24	
J6AMT8	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20	14,[15.2],16.2
	4sp	23,24	15,15.2
JBR8LL	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
JGMJFY	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2

TABLE 4

WebCode	Item	D2S1338	D19S433
JN42NZ	1	17,20	14,16.2
	2	18,21	14.2,15
	3e	18,21	14.2,15
	3sp	21	
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
KA33ZU	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,23,24	14,15,15.2,16.2
	4sp	23,24	15,15.2
KVYL97	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
KZCGUV	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
LJACLY	1	17,20	NT
	2	18,21	NT
	3	18,21	NT
	4e	NT	NT
	4sp	23,24	NT
MHYLG M	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,23,24	14,15,15.2,16.2
	4sp	23,24	15,15.2
MRMBNU	1	17,20	14,16.2
	2	18,21	14.2,15
NCQLGG	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15.2],16.2
	4sp	23,24	15,15.2
NDGF6R	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2

TABLE 4

WebCode	Item	D2S1338	D19S433
NG8VYE	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,23,24	14,15,15.2,16.2
	4sp	23,24	15,15.2
NHWHZG	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
NJMLPG	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
P72MGK	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,23,24	14,15,15.2,16.2
	4sp	23,24	15,15.2
P7GTUN	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,23,24	14,15,15.2,16.2
	4sp	23,24	15,15.2
P9RX8D	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,23,24	14,15,15.2,16.2
	4sp	23,24	15,15.2
PGGD9A	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15.2],16.2
	4sp	23,24	15,15.2
PGHGLL	1	17,20	14,16.2
	2	18,21	14.2,15
	3e	18,21	14.2,15
	3sp	NR	NR
	4e	17,20,[23]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
PLZEF4	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,23,24	[14],15,15.2,[16.2]
	4sp	23,24	[14],15,15.2

TABLE 4

WebCode	Item	D2S1338	D19S433
QET343	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,23,24	14,15,15.2,16.2
	4sp	23,24	15,15.2
QGUY3Q	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20	14,16.2
	4sp	23,24	15,15.2
QQ22GH	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,23,24	14,15,15.2,16.2
	4sp	23,24	15,15.2
R79KRE	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
RFN9X3	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,23,24	14,15,15.2,16.2
	4sp	23,24	15,15.2
RHTTMM	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,15,15.2,16.2
	4sp	23,24	15,15.2
RXCHAH	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
T2YWFP	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15.2],16.2
	4sp	23,24	15,15.2
T38ZCL	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2

TABLE 4

WebCode	Item	D2S1338	D19S433
T6WB3E	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
TALU8R	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
TCDN8E	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20	14,[15.2],16.2
	4sp	23,24	15,15.2
TH7PRR	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,23,24	14,15,15.2,16.2
	4sp	23,24	15,15.2
TK7LRF	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,23,24	14,15,15.2,16.2
	4sp	23,24	15,15.2
TL9N3K	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,23,24	14,15,15.2,16.2
	4sp	23,24	15,15.2
TRNUFD	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
TU3TWL	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
TY8UQN	1	17,20	14,16.2
	2	18,21	14.2,15

TABLE 4

WebCode	Item	D2S1338	D19S433
U7LX4G	1	17,20	14,16.2
	2	18,21	14.2,15
	3e	18,21	14.2,15
	3sp	n/a	n/a
	4e	17,20,(23)*,(24)	14,(15),(15.2),16.2
	4sp	23,24	15,15.2
UHZW64	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
UK6N2X	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
UM6V4P	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
UZECCD	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
VCRQBJ	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,23,24	14,15,15.2,16.2
	4sp	23,24	15,15.2
VDHYBL	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],24	14,15,15.2,16.2
	4sp	23,24	15,15.2
VJ7TXL	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,23,24	14,15,15.2,16.2
	4sp	23,24	15,15.2
VQ6HFB	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,(23),(24)	14,(15),(15.2),16.2
	4sp	23,24	15,15.2

TABLE 4

WebCode	Item	D2S1338	D19S433
VRF3KE	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20	14,[15.2],16.2
	4sp	23,24	15,15.2
W3VFWH	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4	17,20,23,24	14,15,15.2,16.2
W4M2KJ	1	17,20	14,16.2
	2	18,21	14.2,15
	3	-	-
	4sp	-	-
W72XB4	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,23,[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
W9LF9A	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4	[17],[20],23,24	[14],15,15.2,[16.2]
WBA7VE	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,23,24	14,15,15.2,16.2
	4sp	[17],[20],23,24	15,15.2,[16.2],[--]
WCXTWF	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
WEM36W	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15.2],16.2
	4sp	23,24	15,15.2
WP9BZ6	1	17,20	14,16.2
	2	18,21	14.2,15
WTENQJ	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,15,15.2,16.2
	4sp	23,24	15,15.2

TABLE 4

WebCode	Item	D2S1338	D19S433
WU6YGC	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
WX7V9R	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
X2H8HD	1	17,20	14,16.2
	2	18,21	14.2,15
X6YPJV	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,23,24	14,15,15.2,16.2
	4sp	23,24	15,15.2
XB72WV	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,23,24	14,15,15.2,16.2
	4sp	[17],[20],23,24	[14],15,15.2,[16.2]
XF6FJK	1	17,20	14,16.2
	2	18,21	14.2,15
XJ2YM6	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
XNVTMQ	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
XUFPK8	1	17,20	NA
	2	18,21	NA
	3	18,21	NA
	4e	17,20,23,24	NA
	4sp	23,24	NA
XVTLHE	1	17,20	14,16.2
	2	18,21	14.2,15
Y6E6FJ	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20	14,16.2
	4sp	23,24	15,15.2

TABLE 4

WebCode	Item	D2S1338	D19S433
YNP3RT	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15.2],16.2
	4sp	23,24	15,15.2
YWHHEB	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
YXCZJT	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],16.2
	4sp	23,24	15,15.2
Z33PLH	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20	14,16.2
	4sp	23,24	15,15.2
Z37H7C	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20,[23],[24]	14,[15],[15.2],16.2
	4sp	23,24	15,15.2
ZGKAQQ	1	17,20	[14],16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20	14,[15.2],16.2
	4sp	23,24	15,15.2
ZK936L	1	17,20	14,16.2
	2	18,21	14.2,15
ZX77FD	1	17,20	14,16.2
	2	18,21	14.2,15
	3	18,21	14.2,15
	4e	17,20	14,16.2
	4sp	23,24	15,15.2
ZXBQZZ	1	17,20	14,16.2
	2	18,21	14.2,15

Results in brackets "[ ]" indicate minor or weaker alleles

\* See Additional Comments.(Table 10)

# Amplification Kit & YSTR Results - Part I

TABLE 5

WebCode	Item	Kits	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391
27D7AE		PowerPlex®Y						
	1		-	-	-	-	-	-
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		-	-	-	-	-	-
2HZ6FB	4sp		14	12,14	13	29	24	11
		Yfiler®						
	1		NA	NA	NA	NA	NA	NA
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
2LFZUM	4e		14	12,14	13	29	NR	11
	4sp		14	12,14	13	29	24	11
		PowerPlex®Y						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
2RX96E	4sp		14	12,14	13	29	24	11
		PowerPlex®Y						
	2		16	17,19	14	31	21	10
32P3V8	3		16	17,19	14	31	21	10
	4e		NR	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
		Yfiler®						
	1		NA	NA	NA	NA	NA	NA
3GDGVT	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
		PowerPlex®Y						
3RRDYD	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		N/A	N/A	N/A	N/A	N/A	N/A
	4sp		14	12,14	13	29	24	11
		PowerPlex®Y						
42YV6V	1		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4		14	12,14	13	29	24	11
		Yfiler®						
4DE8WC	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
4UFZF6		Yfiler®						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11

TABLE 5

WebCode	Item	Kits	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391
4UG4V3		PowerPlex®Y						
	2		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
62UBZK	4sp	Yfiler®	14	12,14	13	29	24	11
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
6K8WJ9		Yfiler®						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
6MTUUH	4		14	12,14	13	29	24	11
		PowerPlex®Y						
	2		16	17,19	14	31	21	10
6V6QW4	3		16	17,19	14	31	21	10
	4sp	Yfiler®	14	12,14	13	29	24	11
	1		NA	NA	NA	NA	NA	NA
6WHVJN	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		NA	NA	NA	NA	NA	NA
	4sp	Yfiler®	14	12,14	13	29	24	11
	1		NT	NT	NT	NT	NT	NT
6Y62R4	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
	4sp	Yfiler®	14	12,14	13	29	24	11
	2		16	17,19	14	31	21	10
72M6YV	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
	4sp	Yfiler®	14	12,14	13	29	24	11
	1		-	-	-	-	-	-
	2		16	17,19	14	31	21	10
7GY2DB	3		16	17,19	14	31	21	10
	4sp	PowerPlex®Y	14	12,14	13	29	24	11
	2		16	17,19	14	31	21	10
7JA42T	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
	4sp	Yfiler®	14	12,14	13	29	24	11
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
7XD8YU	4e		14	12,14	13	29	24	11
	4sp	Yfiler®	14	12,14	13	29	24	11
	1		-	-	-	-	-	-
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10

TABLE 5

WebCode	Item	Kits	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391
7XTL9N		PowerPlex®Y						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
8HC9XG	4		14	12,14	13	29	24	11
		PowerPlex®Y						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
8KDAZY	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
		Yfiler®						
	1		-	-	-	-	-	-
9PBVMV	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
		Yfiler®						
9QYDMA	1		-	-	-	-	-	-
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
9X2K2D	4sp		14	12,14	13	29	24	11
		PowerPlex®Y						
	2		16	17,19	14	31	21	10
A3826C	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
		Yfiler®						
	1		NR	NR	NR	NR	NR	NR
A6DJ48	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
A7U44Q		PowerPlex®Y						
	2		16	17,19	14	31	21	10
	4sp		14	12,14	13	29	24	11
AL8EUX		Yfiler®						
	1		-	-	-	-	-	-
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
B2D8RK	4sp		14	12,14	13	29	24	11
		PowerPlex®Y						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11

TABLE 5

WebCode	Item	Kits	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391
B4JLFE		PowerPlex®Y						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
B82UL8	4sp		14	12,14	13	29	24	11
		PowerPlex®Y						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
B8H2T9	4sp		14	12,14	13	29	24	11
		PowerPlex®Y						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
BCWJEJ	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
		PowerPlex®Y						
	2		16	17,19	14	31	21	10
BH3EYJ	3		16	17,19	14	31	21	10
		PowerPlex®Y						
BTH3YJ	2		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
		PowerPlex®Y						
BVMWG4	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4sp		14	12,14	13	29	24	11
		Yfiler®						
BZKFRZ	1		NR	NR	NR	NR	NR	NR
	2		16	17,19	14	31	21	10
	3e		16	17,19	14	31	21	10
	3sp		NR	NR	NR	NR	NR	NR
	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
		PowerPlex®Y						
C6R6V4	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4sp		14	12,14	13	29	24	11
		PowerPlex®Y						
C7JERN	2		16	17,19	14	31	21	10
	4e		14	-	-	-	24	11
	4sp		14	12,14	13	29	24	11
		Yfiler®						
CBE6YL	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
		Yfiler®						

TABLE 5

WebCode	Item	Kits	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391
CBU2AE		Yfiler®						
	1		NT	NT	NT	NT	NT	NT
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		NR	NR	13	29	24	11
	4sp		14	12,14	13	29	24	11
CBVBB7		Yfiler®						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	24	10
	4sp		14	12,14	13	29	24	11
CGZ8U7		Yfiler®						
	1		NR	NR	NR	NR	NR	NR
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
CNK42Z		Yfiler®						
	2		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
DAY7FW		Yfiler®						
	1		N/A	N/A	N/A	N/A	N/A	N/A
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
DCMQBR		PowerPlex®Y						
	2		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
DHDZLQ		Yfiler®						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
DHTBAX		Yfiler®						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
DJ378H		PowerPlex®Y						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
E49KVV		Yfiler®						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4sp		14	12,14	13	29	24	11
EERPWK		Yfiler®						
	2		16	17,19	14	31	21	10
	4sp		14	12,14	13	29	24	11

TABLE 5

WebCode	Item	Kits	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391
EJXMLL		PowerPlex®Y						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
ELRGDN	4		14	12,14	13	29	24	11
		Yfiler®						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
ERWLFM	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
		Yfiler®						
EVBVD7	2		16	17,19	14	31	21	10
	4sp		14	12,14	13	29	24	11
F2H9NU		Yfiler®						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
FA9R33	4sp		14	12,14	13	29	24	11
		PowerPlex®Y						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
FNTDJF	4e		NAD	12,14	13	NAD	NAD	11
	4sp		14	12,14	13	29	24	11
		PowerPlex®Y						
	2		16	17,19	14	31	21	10
H72DBF	3		16	17,19	14	31	21	10
	4sp		14	12,14	13	29	24	11
		Yfiler®						
	2		16	17,19	14	31	21	10
HF8R33	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
		PowerPlex®Y						
HJUJWY		Yfiler®						
	1		-	-	-	-	-	-
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
HRMYJH	4sp		14	12,14	13	29	24	11
		Yfiler®						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
HRMYJH	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
		Yfiler®						

TABLE 5

WebCode	Item	Kits	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391
J48G8Z		PowerPlex®Y						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		INC	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
JTG4DG		PowerPlex®Y						
	1		NR	NR	NR	NR	NR	NR
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
JUP8W7		PowerPlex®Y						
	1		-	-	-	-	-	-
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
K22RKN		PowerPlex®Y						
	1		-	-	-	-	-	-
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
K8AAR4		PowerPlex®Y						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
KGJF2D		Yfiler®						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4sp		14	12,14	13	29	24	11
L6K66C		Yfiler®						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4		14	12,14	13	29	24	11
LJACLY		Yfiler®						
	1		NT	NT	NT	NT	NT	NT
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
M4WCDD		Yfiler®						
	2		16	17,19	14	31	21	10
	4e		14	-,-	-	-	24	11
	4sp		14	12,14	13	29	24	11
MHYLGM		Yfiler®						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11

TABLE 5

WebCode	Item	Kits	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391
N2CTX2		PowerPlex®Y						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
N9XN3B	4sp		14	12,14	13	29	24	11
		Yfiler®						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
NB2JLE	4sp		14	12,14	13	29	24	11
		Yfiler®						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
NCQLGG	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
		Yfiler®						
	2		16	17,19	14	31	21	10
NDGF6R	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
		Yfiler®						
NG8VYE	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
NHWHZG		Yfiler®						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4sp		14	12,14	13	29	24	11
NJMLPG		Yfiler®						
	1		NR	NR	NR	NR	NR	NR
NY7BY6	2		16	17,19	14	31	21	10
		PowerPlex®Y						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
NYFF29	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
		PowerPlex®Y						
	2		16	17,19	14	31	21	10
P9RX8D	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
		Yfiler®						

TABLE 5

WebCode	Item	Kits	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391
PGHGLL		PowerPlex®Y						
	1		NR	NR	NR	NR	NR	NR
	2		16	17,19	14	31	21	10
	3e		16	17,19	14	31	21	10
	3sp		NR	NR	NR	NR	NR	NR
	4e		14	12,14	13	29	24	11
4sp		14	12,14	13	29	24	11	
PNZPAH		PowerPlex®Y						
	2		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
4sp		14	12,14	13	29	24	11	
Q3KMUC		Yfiler®						
	1		NR	NR	NR	NR	NR	NR
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
QGUY3Q		Yfiler®						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
4sp		14	12,14	13	29	24	11	
QQ22GH		Yfiler®						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
R79KRE		Yfiler®						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
RHTTMM		Yfiler®						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
RNDXD3		PowerPlex®Y						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
RXDRAP		PowerPlex®Y						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4sp		14	12,14	13	29	24	11
RYNMWZ		PowerPlex®Y						
	1		--	--	--	--	--	--
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		--	--	--	--	--	--
	4sp		14	12,14	13	29	24	11

TABLE 5

WebCode	Item	Kits	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391
T38ZCL		Yfiler®						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
T6WB3E	4sp		14	12,14	13	29	24	11
		Yfiler®						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
T9F9WW	4e		14	12,14	13	29	24	11
		PowerPlex®Y						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
TCDN8E	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
		Yfiler®						
	1		No result	No result	No result	No result	No result	No result
TVADEU	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
U8X6HP		PowerPlex®Y						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
UGQRRF	4sp		14	12,14	13	29	24	11
		Yfiler®						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
UHFETH	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
		PowerPlex®Y						
	1		NA	NA	NA	NA	NA	NA
UHZW64	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		[14]	12,[14]	[13]	[29]	[24]	11
	4sp		14	12,14	13	29	24	11
UM6V4P		Yfiler®						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
UPWUGM	4sp		14	12,14	13	29	24	11
		PowerPlex®Y						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
UPWUGM	4sp		14	12,14	13	29	24	11
		PowerPlex®Y						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
UPWUGM	4sp		14	12,14	13	29	24	11
		PowerPlex®Y						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
UPWUGM	4sp		14	12,14	13	29	24	11
		PowerPlex®Y						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
UPWUGM	4sp		14	12,14	13	29	24	11
		PowerPlex®Y						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10

TABLE 5

WebCode	Item	Kits	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391
UQREJC		PowerPlex®Y						
	2		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
UTW7DM	4sp		14	12,14	13	29	24	11
		PowerPlex®Y						
	2		16	17,19	14	31	21	10
UZECDD	3		16	17,19	14	31	21	10
	4sp		14	12,14	13	29	24	11
		Yfiler®						
VJ7TXL	1		Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
		Yfiler®						
VQ6HFB	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
VRF3KE		Yfiler®						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		14	12	13	29	24	11
W3VFWH	4sp		14	12,14	13	29	24	11
		Yfiler®						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
W72XB4	4		14	12,14	13	29	24	11
		Yfiler®						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
W9LF9A	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
		Yfiler®						
	2		16	17,19	14	31	21	10
WEM36W	3		16	17,19	14	31	21	10
	4		14	12,14	13	29	24	11
		Yfiler®						
	1		NR	NR	NR	NR	NR	NR
WTENQJ	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11

TABLE 5

WebCode	Item	Kits	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391
WZLLYU		PowerPlex®Y						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
XVX3RY	4sp		14	12,14	13	29	24	11
		PowerPlex®Y						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
Y6E6FJ	4sp		14	12,14	13	29	24	11
		Yfiler®						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
Z33PLH	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
		Yfiler®						
	2		16	17,19	14	31	21	10
ZA63EY	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
		Yfiler®						
ZGKAQQ	1		NA	NA	NA	NA	NA	NA
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11
		Yfiler®						
	2		16	17,19	14	31	21	10
	3		16	17,19	14	31	21	10
	4e		14	12,14	13	29	24	11
	4sp		14	12,14	13	29	24	11

Results in brackets "[ ]" indicate minor or weaker alleles

# YSTR Results - Part II

TABLE 6

WebCode	Item	DYS392	DYS393	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS635	YGATAH4
27D7AE	1	-	-	-	-	-					
	2	11	15	14	11	11					
	3	11	15	14	11	11					
	4e	-	-	-	-	-					
	4sp	13	13	15	12	12					
2HZ6FB	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
2LFZUM	2	11	15	14	11	11					
	3	11	15	14	11	11					
	4sp	13	13	15	12	12					
2RX96E	2	11	15	14	11	11					
	3	11	15	14	11	11					
	4sp	13	13	15	12	12					
32P3V8	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	NR
	4sp	13	13	15	12	12	19	16	16	23	12
3GDGVT	2	11	15	14	11	11					
	3	11	15	14	11	11					
	4e	13	13	15	12	12					
	4sp	13	13	15	12	12					
3RRDYD	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2	11	15	14	11	11	N/A	N/A	N/A	N/A	N/A
	3	11	15	14	11	11	N/A	N/A	N/A	N/A	N/A
	4e	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	4sp	13	13	15	12	12	N/A	N/A	N/A	N/A	N/A
42YV6V	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4	13	13	15	12	12	19	16	16	23	12
4DE8WC	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
4UFZF6	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12

TABLE 6

WebCode	Item	DYS392	DYS393	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS635	YGATAH4
4UG4V3	2	11	15	14	11	11					
	4e	13	13	15	12	12					
	4sp	13	13	15	12	12					
62UBZK	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
6K8WJ9	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4	13	13	15	12	12	19	16	16	23	12
6MTUUH	2	11	15	14	11	11					
	3	11	15	14	11	11					
	4sp	13	13	15	12	12					
6V6QW4	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4sp	13	13	15	12	12	19	16	16	23	12
6WHVJN	1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
6Y62R4	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
72M6YV	1	-	-	-	-	-	-	-	-	-	-
	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
7GY2DB	2	11	15	14	11	11					
	3	11	15	14	11	11					
	4sp	13	13	15	12	12					
7JA42T	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
7XD8YU	1	-	-	-	-	-	-	-	-	-	-
	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12

TABLE 6

WebCode	Item	DYS392	DYS393	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS635	YGATAH4
7XTL9N	2	11	15	14	11	11					
	3	11	15	14	11	11					
	4	13	13	15	12	12					
8HC9XG	2	11	15	14	11	11					
	3	11	15	14	11	11					
	4e	13	13	15	12	12					
	4sp	13	13	15	12	12					
8KDAZY	1	-	-	-	-	-	-	-	-	-	-
	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
9PBVMV	1	-	-	-	-	-	-	-	-	-	-
	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
9QYDMA	2	11	15	14	11	11					
	3	11	15	14	11	11					
	4sp	13	13	15	12	12					
9X2K2D	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
A3826C	2	11	15	14	11	11					
	3	11	15	14	11	11					
	4e	13	13	15	12	12					
	4sp	13	13	15	12	12					
A6DJ48	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4sp	13	13	15	12	12	19	16	16	23	12
A7U44Q	2	11	15	14	11	11	21	17	17	22	11
	4sp	13	13	[14],15	12	12	19	16	16,[17]	23	12
AL8EUX	1	-	-	-	-	-	-	-	-	-	-
	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12

TABLE 6

WebCode	Item	DYS392	DYS393	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS635	YGATAH4
B2D8RK	2	11	15	14	11	11					
	3	11	15	14	11	11					
	4e	13	13	15	12	12					
	4sp	13	13	15	12	12					
B4JLFE	2	11	15	14	11	11					
	3	11	15	14	11	11					
	4e	13	13	15	12	12					
	4sp	13	13	15	12	12					
B82UL8	2	11	15	14	11	11					
	3	11	15	14	11	11					
	4sp	13	13	15	12	12					
B8H2T9	2	11	15	14	11	11					
	3	11	15	14	11	11					
	4e	13	13	15	12	12					
	4sp	13	13	15	12	12					
BCWJEJ	2	11	15	14	11	11					
	3	11	15	14	11	11					
BH3EYJ	2	11	15	14	11	11					
	4e	13	13	15	12	12					
	4sp	13	13	15	12	12					
BTH3YJ	2	11	15	14	11	11					
	3	11	15	14	11	11					
	4e	13	13	15	12	12					
	4sp	13	13	15	12	12					
BVMWG4	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4sp	13	13	15	12	12	19	16	16	23	12
BZKFRZ	1	NR	NR	NR	NR	NR					
	2	11	15	14	11	11					
	3e	11	15	14	11	11					
	3sp	NR	NR	NR	NR	NR					
	4e	13	13	15	12	12					
	4sp	13	13	15	12	12					
C6R6V4	2	11	15	14	11	11					
	3	11	15	14	11	11					
	4sp	13	13	15	12	12					
C7JERN	2	11	15	14	11	11	21	17	17	22	11
	4e	-	13	15	-	12	-	16	16	23	12
	4sp	13	13	[14],15	12	12	19	16	16,[17]	23	12

TABLE 6

WebCode	Item	DYS392	DYS393	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS635	YGATAH4
CBE6YL	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
CBU2AE	1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	NR	23	NR
	4sp	NR	13	15	12	12	19	16	16	23	12
CBVBB7	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4sp	13	13	15	12	12	19	16	16	23	12
CGZ8U7	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
CNK42Z	2	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
DAY7FW	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
DCMQBR	2	11	15	14	11	11					
	4e	13	13	15	12	12					
	4sp	13	13	15	12	12					
DHDZLQ	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
DHTBAX	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
DJ378H	2	11	15	14	11	11					
	3	11	15	14	11	11					
	4e	13	13	15	12	12					
	4sp	13	13	15	12	12					

TABLE 6

WebCode	Item	DYS392	DYS393	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS635	YGATAH4
E49KVV	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4sp	13	13	15	12	12	19	16	16	23	12
EERPWK	2	11	15	14	11	11	21	17	17	22	11
	4sp	13	13	15	12	12	19	[15],16	16,[17]	23	12
EJXMLL	2	11	15	14	11	11					
	3	11	15	14	11	11					
	4	13	13	15	12	12					
ELRGDN	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
ERWLFM	2	11	15	14	11	11	21	17	17	22	11
	4sp	13	13	[14],15	12	12	19	16	16	23	12
EVBVD7	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
F2H9NU	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	NAD	19	NAD	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
FA9R33	2	11	15	14	11	11					
	3	11	15	14	11	11					
	4e	13	13	15	12	12					
	4sp	13	13	15	12	12					
FNTDJF	2	11	15	14	11	11					
	3	11	15	14	11	11					
	4sp	13	13	15	12	12					
H72DBF	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
HF8R33	2	11	15	14	11	11					
	3	11	15	14	11	11					
	4e	13	13	15	12	12					
	4sp	13	13	15	12	12					
HJUJWY	1	-	-	-	-	-	-	-	-	-	-
	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12

TABLE 6

WebCode	Item	DYS392	DYS393	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS635	YGATAH4
HRMYJH	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
J48G8Z	2	11	15	14	11	11					
	3	11	15	14	11	11					
	4e	13	INC	15	12	12					
	4sp	13	13	15	12	12					
JTG4DG	1	NR	NR	NR	NR	NR					
	2	11	15	14	11	11					
	3	11	15	14	11	11					
	4e	13	13	15	12	12					
	4sp	13	13	15	12	12					
JUP8W7	1	-	-	-	-	-					
	2	11	15	14	11	11					
	3	11	15	14	11	11					
	4e	13	13	15	12	12					
	4sp	13	13	15	12	12					
K22RKN	1	-	-	-	-	-					
	2	11	15	14	11	11					
	3	11	15	14	11	11					
	4e	13	13	15	12	12					
	4sp	13	13	15	12	12					
K8AAR4	2	11	15	14	11	11					
	3	11	15	14	11	11					
	4e	13	13	15	12	12					
	4sp	13	13	15	12	12					
KGJF2D	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4sp	13	13	15	12	12	19	16	16	23	12
L6K66C	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4	13	13	15	12	12	19	16	16	23	12
LJACLY	1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
M4WCDD	2	11	15	14	11	11	21	17	17	22	11
	4e	-	13	15	-	12	-	16	16	23	12
	4sp	13	13	[14],15	12	12	19	16	16,[17]	23	12

TABLE 6

WebCode	Item	DYS392	DYS393	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS635	YGATAH4
MHYLG M	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
N2CTX2	2	11	15	14	11	11					
	3	11	15	14	11	11					
	4e	13	13	15	12	12					
	4sp	13	13	15	12	12					
N9XN3B	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4sp	13	13	15	12	12	19	16	16	23	12
NB2JLE	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
NCQLGG	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
NDGF6R	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
NG8VYE	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
NHWHZG	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4sp	13	13	15	12	12	19	16	16	23	12
NJMLPG	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	2	11	15	14	11	11	21	17	17	22	11
NY7BY6	2	11	15	14	11	11					
	3	11	15	14	11	11					
	4e	13	13	15	12	12					
	4sp	13	13	15	12	12					
NYFF29	2	11	15	14	11	11					
	3	11	15	14	11	11					
	4e	13	13	15	12	12					
	4sp	13	13	15	12	12					

TABLE 6

WebCode	Item	DYS392	DYS393	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS635	YGATAH4
P9RX8D	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
PGHGLL	1	NR	NR	NR	NR	NR					
	2	11	15	14	11	11					
	3e	11	15	14	11	11					
	3sp	NR	NR	NR	NR	NR					
	4e	13	13	15	12	12					
	4sp	13	13	15	12	12					
PNZPAH	2	11	15	14	11	11					
	4e	13	13	15	12	12					
	4sp	13	13	15	12	12					
Q3KMUC	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
QGUY3Q	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4sp	13	13	15	12	12	19	16	16	23	12
QQ22GH	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
R79KRE	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
RHBTMM	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
RNDXD3	2	11	15	14	11	11					
	3	11	15	14	11	11					
	4e	13	13	15	12	12					
	4sp	13	13	15	12	12					
RXDRAP	2	11	15	14	11	11					
	3	11	15	14	11	11					
	4sp	13	13	15	12	12					

TABLE 6

WebCode	Item	DYS392	DYS393	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS635	YGATAH4
RYNMWZ	1	--	--	--	--	--					
	2	11	15	14	11	11					
	3	11	15	14	11	11					
	4e	--	--	--	--	--					
	4sp	13	13	15	12	12					
T38ZCL	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	[15^],16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
T6WB3E	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
T9F9WW	2	11	15	14	11	11					
	3	11	15	14	11	11					
	4e	13	13	15	12	12					
	4sp	13	13	15	12	12					
TCDN8E	1	No result	No result	No result	No result	No result	No result	No result	No result	No result	No result
	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
TVADEU	2	11	15	14	11	11					
	3	11	15	14	11	11					
	4e	13	13	15	12	12					
	4sp	13	13	15	12	12					
U8X6HP	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4	13	13	15	12	12	19	16	16	23	12
UGQRRF	2	11	15	14	11	11					
	3	11	15	14	11	11					
	4e	13	13	15	12	12					
	4sp	13	13	15	12	12					
UHFETH	1	NA	NA	NA	NA	NA					
	2	11	15	14	11	11					
	3	11	15	14	11	11					
	4e	[13]	13	[15]	12	12					
	4sp	13	13	15	12	12					
UHZW64	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4sp	13	13	15	12	12	19	16	16	23	12

TABLE 6

WebCode	Item	DYS392	DYS393	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS635	YGATAH4
UM6V4P	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
UPWUGM	2	11	15	14	11	11					
	3	11	15	14	11	11					
	4sp	13	13	15	12	12					
UQREJC	2	11	15	14	11	11					
	4e	13	13	15	12	12					
	4sp	13	13	15	12	12					
UTW7DM	2	11	15	14	11	11					
	3	11	15	14	11	11					
	4sp	13	13	15	12	12					
UZECCD	1	N/T	N/T	N/T	N/T	N/T	N/T	N/T	N/T	N/T	N/T
	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
VJ7TXL	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
VQ6HFB	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
VRF3KE	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	INC	INC	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
W3VFWH	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4	13	13	15	12	12	19	16	16	23	12
W72XB4	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
W9LF9A	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4	13	13	15	12	12	19	16	16	23	12

TABLE 6

WebCode	Item	DYS392	DYS393	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS635	YGATAH4
WEM36W	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
WTENQJ	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
WZLLYU	2	11	15	14	11	11					
	3	11	15	14	11	11					
	4e	13	13	15	12	12					
	4sp	13	13	15	12	12					
XVX3RY	2	11	15	14	11	11					
	3	11	15	14	11	11					
	4sp	13	13	15	12	12					
Y6E6FJ	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
Z33PLH	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
ZA63EY	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12
ZGKAQQ	2	11	15	14	11	11	21	17	17	22	11
	3	11	15	14	11	11	21	17	17	22	11
	4e	13	13	15	12	12	19	16	16	23	12
	4sp	13	13	15	12	12	19	16	16	23	12

Results in brackets "[ ]" indicate minor or weaker alleles

# Additional DNA Results

TABLE 7

Locus	WebCode	Item 1	Item 2	Item 3	Item 4e	Item 4sp
D10S1248	46VMB8	13,15	13,15	13,15	13,15	14,15
D12S391	46VMB8	22,22	19,23	19,23	22,22	19,20
D1S1656	46VMB8	16,18.3	14,14	14,14	16,18.3	12,16.3
D22S1045	46VMB8	14,16	11,11	11,11	14,16	15,15
D2S441	46VMB8	12,14	11,14	11,14	12,14	11,15

# Mitochondrial DNA Results

TABLE 8a - HVR I

Polymorphisms from Anderson Reference

	16172.0	16189.0	16192.0	16223.0	16256.0	16270.0	16278.0	16362.0	16380.0	16381.0	16390.0	16399.0	16428.0
<b>ITEM 1</b>													
6Y62R4		C	T		T	T		C					
72M6YV		C	T		T	T		C				G	A
7G39BH		C	T		T	T		C				G	A
8ULDX6		C	T		T	T		C				G	A
9F4L9X		C	T		T	T		C					
AQF8FG		C	T		T	T		C				G	
CBVBB7		C	T		T	T							
QGUY3Q		C	T		T	T		C					
QTQ6XB		C	T		T	T		C				G	
TA6XYJ		C	T		T	T		C				G	A
TBF3D8		C	T		T	T		C					
V6NC4H		C	T		T	T		C				G	A
VMJ6NF		C	T		T	T		C				G	A
VRF3KE		C	T		T	T		C					
X2H8HD		C	T		T	T		C					
XQXLUP		C	T		T	T		C				G	A
YQRRNN		C	T		T	T		C				G	A
<b>ITEM 2</b>													
6Y62R4	C	C		T			T						
72M6YV	C	C		T			T						
7G39BH	C	C		T			T				A		
8ULDX6	C	C		T			T				A		
9F4L9X	C	C		T			T						
AQF8FG	C	C		T			T				A		
CBVBB7	C	C		T			T						
QGUY3Q	C	C		T			T						
QTQ6XB	C	C		T			T				A		
TA6XYJ	C	C		T			T				A		
TBF3D8	C	C		T			T				A		
V6NC4H	C	C		T			T				A		
VMJ6NF	C	C		T			T				A		
VRF3KE	C	C		T			T						
X2H8HD	C	C		T			T				A		
XQXLUP	C	C		T			T				A		
YQRRNN	C	C		T			T				A		

TABLE 8a - HVR I

Polymorphisms from Anderson Reference

	16172.0	16189.0	16192.0	16223.0	16256.0	16270.0	16278.0	16362.0	16380.0	16381.0	16390.0	16399.0	16428.0
<b>ITEM 3</b>													
6Y62R4	C	C		T			T						
72M6YV	C	C		T			T						
7G39BH	C	C		T			T		N	N			
8ULD6	C	C		T			T				A		
9F4L9X	C	C		T			T						
AQF8FG	C	C		T			T				A		
CBVBB7	C	C		T			T						
QGUY3Q	C	C		T			T						
QTQ6XB	C	C		T			T				A		
TA6XYJ	C	C		T			T				A		
TBF3D8	C	C		T			T				A		
V6NC4H	C	C		T			T				A		
VMJ6NF	C	C		T			T				A		
VRF3KE	C	C		T			T						
X2H8HD	C	C		T			T				A		
XQXLUP	C	C		T			T				A		
YQRRNN	C	C		T			T				A		
<b>ITEM 4</b>													
6Y62R4		C	T		T	T		C					
VRF3KE		C	T		T	T		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>
6Y62R4	16024-16365	16024-16365	16024-16365	16024-16365
72M6YV	16021-16390	16021-16390	16021-16390	
7G39BH	16024-16569	16024-16569	16024-16389	
8ULD6X	16024-16569	16024-16569	16024-16569	
9F4L9X	16024-16365	16024-16365	16024-16365	
AQF8FG	15994-16400	15994-16400	15994-16400	
CBVBB7	16018-16375	16018-16331	16020-16418	
QGUY3Q				
QTQ6XB	16016-16403	16003-16404	16003-16404	
TA6XYJ	16024-16569	16024-16569	16024-16569	
TBF3D8	16008-16390	16003-16390	16003-16390	
V6NC4H	16024-16569	16024-16569	16024-16569	
VMJ6NF	16024-16569	16024-16569	16024-16569	
VRF3KE	16024-16365	16024-16365	16024-16365	16024-16365
X2H8HD	16003-16389	15998-16390	15998-16390	
XQXLUP	16024-16569	16024-16569	16024-16569	
YQRRNN	16024-16569	16024-16569	16024-16569	

# Mitochondrial DNA Results

TABLE 8b - HVR II

Polymorphisms from Anderson Reference

	73.0	93.0	146.0	150.0	152.0	182.0	195.0	198.0	263.0	269.0	315.0	315.1	325.0	326.0	368.0	369.0	523.0	524.0
<b>ITEM 1</b>																		
6Y62R4	G								G			C						
72M6YV	G								G			Cins						
7G39BH	G								G			C						
8ULDX6	G								G			C						
9F4L9X	G								G			C						
AQF8FG	G								G			C						
CBVBB7	G								G			C						
QGUY3Q	G								G			C						
QTQ6XB	G								G			C						
TA6XYJ	G								G			C						
TBF3D8	G								G			C						
V6NC4H	G								G			C						
VMJ6NF	G								G			C						
VRF3KE	G								G			C						
X2H8HD	G								G			C						
XQXLUP	G								G			C						
YQRRNN	G								G			C						
<b>ITEM 2</b>																		
6Y62R4	G	G	C	T	C	T	C	T	G	T		C	T					
72M6YV	G	G	C	T	C	T	C	T	G	T		Cins	T		G			
7G39BH	G	G	C	T	C	T	C	T	G	T		C	T		G		-	-
8ULDX6	G	G	C	T	C	T	C	T	G	T		C	T		G		-	-
9F4L9X	G	G	C	T	C	T	C	T	G	T		C	T					
AQF8FG	G	G	C	T	C	T	C	T	G	T		C	T		G			
CBVBB7	G	G	C	T		T	C	T	G	T	C			T		G		
QGUY3Q	G	G	C	T	C	T	C	T	G	T		C	T		G			
QTQ6XB	G	G	C	T	C	T	C	T	G	T		C	T		G			
TA6XYJ	G	G	C	T	C	T	C	T	G	T		C	T		G		-	-
TBF3D8	G	G	C	T	C	T	C	T	G	T		C	T		G			
V6NC4H	G	G	C	T	C	T	C	T	G	T		C	T		G		-	-
VMJ6NF	G	G	C	T	C	T	C	T	G	T		C	T		G		-	-
VRF3KE	G	G	C	T	C	T	C	T	G	T		C	T					
X2H8HD	G	G	C	T	C	T	C	T	G	T		C	T		G			
XQXLUP	G	G	C	T	C	T	C	T	G	T		C	T		G		-	-
YQRRNN	G	G	C	T	C	T	C	T	G	T		C	T		G		-	-

TABLE 8b - HVR II

Polymorphisms from Anderson Reference

	73.0	93.0	146.0	150.0	152.0	182.0	195.0	198.0	263.0	269.0	315.0	315.1	325.0	326.0	368.0	369.0	523.0	524.0
<b>ITEM 3</b>																		
6Y62R4	G	G	C	T	C	T	C	T	G	T		C	T					
72M6YV	G	G	C	T	C	T	C	T	G	T		Cins	T		G			
7G39BH	G	G	C	T	C	T	C	T	G	T		C	T		G			
8ULD6	G	G	C	T	C	T	C	T	G	T		C	T		G		-	-
9F4L9X	G	G	C	T	C	T	C	T	G	T		C	T					
AQF8FG	G	G	C	T	C	T	C	T	G	T		C	T		G			
CBVBB7	G	G	C	T		T	C	T	G	T	C			T		G		
QGUY3Q	G	G	C	T	C	T	C	T	G	T		C	T		G			
QTQ6XB	G	G	C	T	C	T	C	T	G	T		C	T		G			
TA6XYJ	G	G	C	T	C	T	C	T	G	T		C	T		G		-	-
TBF3D8	G	G	C	T	C	T	C	T	G	T		C	T		G			
V6NC4H	G	G	C	T	C	T	C	T	G	T		C	T		G		-	-
VMJ6NF	G	G	C	T	C	T	C	T	G	T		C	T		G		-	-
VRF3KE	G	G	C	T	C	T	C	T	G	T		C	T					
X2H8HD	G	G	C	T	C	T	C	T	G	T		C	T		G			
XQXLUP	G	G	C	T	C	T	C	T	G	T		C	T		G		-	-
YQRRNN	G	G	C	T	C	T	C	T	G	T		C	T		G		-	-
<b>ITEM 4</b>																		
6Y62R4	G								G			C						
VRF3KE	G								G			C						

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>
6Y62R4	73-340	73-340	73-340	73-340
72M6YV	51-430	51-430	51-430	
7G39BH	1-576	1-576	35-369	
8ULDX6	1-576	1-576	1-576	
9F4L9X	73-340	73-340	73-340	
AQF8FG	35-409	35-409	35-409	
CBVBB7	14-430	15-430	15-430	
QGUY3Q				
QTQ6XB	51-401	51-401	66-401	
TA6XYJ	1-576	1-576	1-576	
TBF3D8	51-401	51-401	51-401	
V6NC4H	1-576	1-576	1-576	
VMJ6NF	1-576	1-576	1-576	
VRF3KE	73-340	73-340	73-340	73-340
X2H8HD	50-407	50-407	49-400	
XQXLUP	1-576	1-576	1-576	
YQRRNN	1-576	1-576	1-576	

# 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	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
27D7AE	No	Yes	Yes	No	4DE8WC	No	Yes	Yes	No
2AG3V2	No	Yes	Yes	No	4FGBYY	No	Yes	Yes	No
2BTPF2	No	Yes	Yes	No	4UFZF6	No	Yes	Yes	No
2HZ6FB	No	Yes	Yes	No	4UG4V3	No	Yes	Yes	No
2LFZUM	No	Yes	Yes	No	62UBZK	No	Yes	Yes	No
2R4FMZ	No	Yes	Yes	No	63BJ47	No	Yes	Yes	No
2RX96E	No	Yes	Yes	No	68KPXR	No	Yes	Yes	No
2U934B	No	Yes	Yes	No	6BXGV8	No	Yes	Yes	No
2YZD23	No	Yes	Yes	No	6CFF43	No	Yes	Yes	No
2ZH9XW	No	Yes	Yes	No	6D6466	No	Yes	Yes	No
32P3V8	No	Yes	Yes	No	6FUCCK	No	Yes	Yes	No
368ZPP	No	Yes	Yes	No	6GC32X	No	Yes	Yes	No
3DYJ4X	No	Yes	Yes	No	6HZP3Z	No	Yes	Yes	No
3EM76Z	No	Yes	Yes	No	6JQ2TT	No		Yes	
3GDGVT	No	Yes	Yes	No	6K8WJ9	No	Yes	Yes	No
3HXP3	No	Yes	Yes	No	6MTUUH	No	Yes	Yes	No
3NTV36	No	Yes	Yes	No	6QTD8X	No	Yes	Yes	No
3QYHC6	No	Yes	Yes	No	6QX9RA	No	Yes	Yes	No
3RRDYD	No	Yes	Yes	No	6V6QW4	No	Yes	Yes	No
42DPWA	No	Yes	Yes	No	6WHVJN	No	Yes	Yes	No
42YV6V	No	Yes	Yes	No	6Y62R4	No	Yes	Yes	No
4442M3	No	Yes	Yes	No	72M6YV	No	Yes	Yes	No
46D2RA					72PEYD	No	Yes	Yes	No
46VMB8	No	Yes	Yes	No	72R39C	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
742UUY	No	Yes	Yes	No	9PBVMV	No	Yes	Yes	No
76PGV2	No	Yes	Yes	No	9QYDMA	No	Yes	Yes	No
778BAH	No	Yes	Yes	No	9X2K2D	No	Yes	Yes	No
7G39BH	No	Inc	Yes	Inc	A3826C	No	Yes	Yes	No
7GKVTD	No Interpretations Reported, DNA Analyzed for Database purposes only.				A6DJ48	No	Yes	Yes	No
7GY2DB	No	Yes	Yes	No	A7U44Q	No	Yes	Yes	No
7JA42T	No	Yes	Yes	No	ABHHEX	No	Yes	Yes	No
7R7YEJ	No	Yes	Yes	No	ACYE8X	No	Yes	Yes	No
7XD8YU	No	Yes	Yes	No	AGG98A	No	Yes	Yes	No
7XTKD6	No	Yes	Yes	No	AJ6HFP	No	Yes	Yes	No
7XTL9N	No	Yes	Yes	No	AL8EUX	No	Yes	Yes	No
7YK9H2	No	Yes	Yes	No	AMWTCC	No	Yes	Yes	No
8748TC	No	Yes	Yes	No	AQF8FG	No	Yes	Yes	No
8EB649	No	Yes	Yes	No	AUX6AY	No Interpretations Reported, DNA Analyzed for Database purposes only.			
8F6UKA	No	Yes	Yes	No	AXZYAP	No	Yes	Yes	No
8HC9XG	No	Yes	Yes	No	AZMLXB	No	Yes	Yes	No
8HTUGD	No	Yes	Yes	No	B2D8RK	No	Yes	Yes	No
8KDAZY	No	Yes	Yes	No	B447JQ	No	Yes	Yes	No
8M3MHG	No	Yes	Yes	No	B4JLFE	No	Yes	Yes	No
8RKLCY	No	Yes, EF	Yes	No	B6BN3W	No	Yes	Yes	No
8ULDX6	No	Inc	Yes	Inc	B6TTKR	No	Yes	Yes	No
98QW96	No	Yes	Yes	No	B82UL8	No	Yes	Yes	No
9AT8AR	No	Yes	Yes	No	B8H2T9	No	Yes	Yes	No
9B4AXB	No Interpretations Reported, DNA Analyzed for Database purposes only.				B93K8F	No	Yes	Yes	No
9F4L9X	No	Yes	Yes	No	BCWJEJ	No	Yes	Yes	No
9MMKKA	No Interpretations Reported, DNA Analyzed for Database purposes only.				BDB379	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
BH3EYJ	No	Yes	Yes	No	DLWVNH	No	Yes	Yes	No
BJHEH9	No	Yes	Yes	No	DQ9YEK	No	Yes	Yes	No
BLL6QA	No	Yes	Yes	No	DTEGDG	No	Yes	Yes	No
BQBDRN	No	Yes	Yes	No	E49KWW	No	Yes	Yes	No
BTH3YJ	No	Yes	Yes	No	EEBAZW	No	Yes	Yes	No
BVFDCZ	No	Yes	Yes	No	EERPWK	No	Yes	Yes	No
BVMWG4	No	Yes	Yes	No	EG3DPX	No	Yes	Yes	No
BZKFRZ	No	Yes	Yes	No	EJXMLL	No	Yes	Yes	No
C6R6V4	No	Yes	Yes	No	ELRGDN	No	Yes	Yes	No
C7JERN	No	Yes	Yes	No	ENVQKQ	No Interpretations Reported, DNA Analyzed for Database purposes only.			
CBE6YL	No	Yes	Yes	No	ERWLFM	No	Yes	Yes	No
CBU2AE	No	Yes	Yes	No	EVBVD7	No	Yes	Yes	No
CBVBB7	No	Yes	Yes	No	F2H9NU	No	Yes	Yes	No
CCU7D9	No	Yes	Yes	No	F38KEM	No	Yes	Yes	No
CGZ8U7	No	Yes	Yes	No	F3WN73	No	Yes	Yes	No
CHMB7D	No	Yes	Yes	No	FA9R33	No	Yes	Yes	No
CNK42Z	No	Yes	Yes	No	FD8AXA	No	Yes	Yes	No
CWBLF9	No Interpretations Reported, DNA Analyzed for Database purposes only.				FGQZQY	No	Yes	Yes	No
CXV7JK	No	Yes	Yes	No	FNTDJF	No	Yes	Yes	No
D22HFJ	No	Yes	Yes	No	FPAELH	No	Yes	Yes	No
DAY7FW	No	Yes	Yes	No	FPKDLT	No Interpretations Reported, DNA Analyzed for Database purposes only.			
DCMQBR	No	Yes	Yes	No	FTBFNZ	No	Yes	Yes	No
DGMPUX	No	Yes	Yes	No	FU2JD2	No	Yes	Yes	No
DHDZLQ	No	Yes	Yes	No	FUEEJ3	No	Yes	Yes	No
DHTBAX	No	Yes	Yes	No	GBH2QU	No	Yes	Yes	No
DJ378H	No	Yes	Yes	No	GCBJKM	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
GFBVGM	No	Yes	Yes	No	KMZMD7	No	Yes	Yes	No
GG69UK	No	Yes	Yes	No	KP7H4G	No	Yes	Yes	No
GYVXJM	No	Yes	Yes	No	KVYL97	No	Yes	Yes	No
H4VXWW	No	Yes	Yes	No	KY3CG8	No	Yes	Yes	No
H72DBF	No	Yes	Yes	No	KZCGUV	No	Yes	Yes	No
H7KUCW	No	Yes	Yes	No	L6K66C	No	Yes	Yes	No
H7PH3U	No	Yes	Yes	No	L8KZ6Z	No	Yes	Yes	No
HF8R33	No	Yes	Yes	No	LB4V8R	No	Yes	Yes	No
HJCRME	No	Yes	Yes	No	LJACLY	No	Yes	Yes	No
HJUJWY	No	Yes	Yes	No	LKCVUT	No	Yes	Yes	No
HMUURY	No	Yes	Yes	No	M4WCDD	No	Yes	Yes	No
HRMYJH	No	Yes	Yes	No	MD7UWW	No	Yes	Yes	No
HXQNHV	No	Yes	Yes	No	MHYLGM	No	Yes	Yes	No
J2JHZA	No	Yes	Yes	No	MPKMQX	No	Yes	Yes	No
J48G8Z	No	Yes	Yes	No	MRMBNU	No	Yes	Yes	No
J6AMT8	No	Yes	Yes	No	MTLQK6	No	Yes	Yes	No
JBR8LL	No	Yes	Yes	No	N2CTX2	No	Yes	Yes	No
JGMJFY	No	Yes	Yes	No	N734WD	No	Yes	Yes	No
JN42NZ	No	Yes	Yes	No	N9XN3B	No	Yes	Yes	No
JTG4DG	No	Yes	Yes	No	NB2JLE	No	Yes	Yes	No
JUP8W7	No	Yes	Yes	No	NCQLGG	No	Yes	Yes	No
K22RKN	No	Yes	Yes	No	NDGF6R	No	Yes	Yes	No
K8AAR4	No	Yes	Yes	No	NG8VYE	No	Yes	Yes	No
KA33ZU	No	Yes	Yes	No	NHWHZG	No	Yes	Yes	No
KGJF2D	No	Yes	Yes	No	NJMLPG	No	Yes	Yes	No
KMG9W2	No Interpretations Reported, DNA Analyzed for Database purposes only.				NJVPFF	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
NQQMUH	No	Yes	Yes	No	RNDXD3	No	Yes	Yes	No
NY7BY6	No	Yes	Yes	No	RNPTMN	No	Yes	Yes	No
NYFF29	No	Yes	Yes	No	RUUP7N	No	Yes	Yes	No
P28YW2	No	Yes	Yes	No	RXCHAH	No	Yes	Yes	No
P6RKL9	No	Yes	Yes	No	RXDRAP	No	Yes	Yes	No
P72MGK	No	Yes	Yes	No	RYBYQ8	No	Yes	Yes	No
P7GTUN	No	Yes	Yes	No	RYEFYD	No	Yes, epi fraction	Yes	No
P9RX8D	No	Yes	Yes	No	RYNMWZ	No	Yes	Yes	No
PGGD9A	No	Yes	Yes	No	T2YWFP	No	Yes	Yes	No
PGHGLL	No	Yes	Yes	No	T38ZCL	No	Yes, ec only	Yes	No, ec & sp
PLZEF4	No	Yes	Yes	No	T6WB3E	No	Yes	Yes	No
PNZPAH	No	Yes	Yes	No	T9F9WW	No	Yes	Yes	No
Q3KMUC	No	Yes	Yes	No	TA6XYJ	No	Inc	Yes	Inc
QBB69L	No	Yes	Yes	No	TALU8R	No	Yes	Yes	No
QET343	No	Yes	Yes	No	TBF3D8	No	Inc	Yes	Inc
QGUY3Q	No	Yes	Yes	No	TCDN8E	No	Yes	Yes	No
QQ22GH	No	Yes	Yes	No	TH7PRR	No	Yes	Yes	No
QT9JED	No	Yes	Yes	No	TK7LRF	No	Yes	Yes	No
QTQ6XB	No	Inc	Yes	Inc	TKJMKM	No	Yes, EP	Yes	No
R3PUYP	No	Yes	Yes	No	TL9N3K	No	Yes	Yes	No
R79KRE	No	Yes	Yes	No	TNNETM	No	Yes	Yes	No
R7Q4JL	No	Yes	Yes	No	TRNUFD	No	Yes	Yes	No
RB6B3K	No	Yes	Yes	No	TU3TWL	No	Yes	Yes	No
RFN9X3	No	Yes	Yes	No	TVADEU	No	Yes	Yes	No
RGVJHK	No	Yes	Yes	No	TY8UQN	No Interpretations Reported, DNA Analyzed for Database purposes only.			
RHTTMM	No	Yes	Yes	No	U68RKK	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
U7LX4G	No	Yes	Yes	No	W72XB4	No	Yes	Yes	No
U8X6HP	No	Yes	Yes	No	W9LF9A	No	Yes	Yes	No
UGQRRF	No	Yes	Yes	No	WBA7VE	No	Yes	Yes	No
UHFETH	No	Yes	Yes	No	WCXTWF	No	Yes	Yes	No
UHZW64	No	Yes	Yes	No	WEM36W	No	Yes	Yes	No
UK6N2X	No	Yes	Yes	No	WL476Q	No	Yes	Yes	No
UM6V4P	No	Yes	Yes	No	WNEM9B	No	Yes	Yes	No
UPWUGM	No	Yes	Yes	No	WNRCCCL	No	Yes	Yes	No
UQREJC	No	Yes	Yes	No	WP9BZ6	No Interpretations Reported, DNA Analyzed for Database purposes only.			
UTW7DM	No	Yes	Yes	No	WTENQJ	No	Yes	Yes	No
UYN2KK	No	Yes	Yes	No	WU6YGC	No	Yes	Yes	No
UZECCD	No	Yes	Yes	No	WX7V9R	No	Yes	Yes	No
V6NC4H	No	Inc	Yes	Inc	WZLLYU	No	Yes	Yes	No
VB7HHH	No	Yes	Yes	No	X2H8HD	No	Inc	Yes	Inc
VCRQBJ	No	Yes	Yes	No	X6YPJV	No	Yes	Yes	No
VDHYBL	No	Yes	Yes	No	XB72WV	No	Yes	Yes	No
VE8LCN	No Interpretations Reported, DNA Analyzed for Database purposes only.				XF6FJK	No Interpretations Reported, DNA Analyzed for Database purposes only.			
VHPBPT	No	Yes	Yes	No	XG74FG	No	Yes	Yes	No
VJ7TXL	No	Yes	Yes	No	XJ2YM6	No	Yes	Yes	No
VMJ6NF	No	Inc	Yes	Inc	XNVTMQ	No	Yes	Yes	No
VNW8HM	No	Yes	Yes	No	XQXLUP	No	Inc	Yes	Inc
VQ6HFB	No	Yes	Yes	No	XUFKP8	No	Yes	Yes	No
VRF3KE	No	Yes	Yes	No	XVTLHE	No Interpretations Reported, DNA Analyzed for Database purposes only.			
VXMWBU	No	Yes	Yes	No	XVX3RY	No	Yes	Yes	No
W3VFWH	No	Yes	Yes	No	XW3V76	No	Yes	Yes	No
W4M2KJ	No	Yes	Yes	No	Y6E6FJ	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
Y74HX2	No	Yes	Yes	No					
YNP3RT	No	Yes	Yes	No					
YQRRNN	No	Inc	Yes	Inc					
YWHHEB	No	Yes	Yes	No					
YXCZJT	No	Yes	Yes	No					
Z33PLH	No	Yes	Yes	No					
Z37H7C	No	Yes	Yes	No					
ZA63EY	No	Yes	Yes	No					
ZDZX YT	No	Yes	Yes	No					
ZGKAQQ	No	Yes	Yes	No					
ZK936L	No Interpretations Reported, DNA Analyzed for Database purposes only.								
ZTB7RP	No	Yes	Yes	No					
ZVLDGH	No	Yes	Yes	No					
ZX77FD	No	Yes	Yes	No					
ZXBQZZ	No Interpretations Reported, DNA Analyzed for Database purposes only.								

Response Summary			Participants reporting DNA results: 323			
<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	0	296	307	0	
	No	307	0	0	296	
	Inc	0	10	0	10	

Participants not reporting Interpretation results: 16

# Additional Comments

TABLE 10

WebCode	Additional Comments
2AG3V2	[ ] = Minor contributor that is consistent with the DNA profile developed from the sperm fraction. There are possible alleles below the peak height threshold in the epithelial fraction that are consistent with carryover from the sperm fraction = *.
2HZ6FB	NA = Not Applicable. NR = Not Reportable.
2YZD23	1. Item 1 and Item 2 were extracted by using in-situ method. 2. Item 3 and Item 4 were extracted by using Chelex extraction method. 3. ABI 7500 Real Time PCR using ABI Quantifiler Kit was used to quantitate the DNA of Item 3 and Item 4. 4. Electrophoresis was carried out on ABI 3130xl Genetic Analyzer. 5. Reagent Blank and negative control were carried out along with the test.
32P3V8	NA = Not Applicable. NR = Not Reportable.
3EM76Z	Data below calling threshold present in epithelial fraction of Exhibit 3, not included in STR results. Data is 7 allele in TH01 which is consistent with sperm fraction.
3HXP3	DNA extraction was performed on the Qiagen BioRobot EZ-1 XL using the EZ-1 Investigator Kit chemistry. Quantification was performed on the Stratagene MX3000P using the Quantifiler Kit. Amplified products were analyzed on the AB 3130-xl. Data collection and analysis was done using the AB 3130xl Genetic Analyzer and GeneMapper IDX software.
3NTV36	In Table 1A, * indicates that additional peaks were seen at this locus but fell below reporting threshold, as per [Laboratory] policy, INC indicates inconclusive, and # indicates that the associated sperm or epithelial fraction was subtracted from this locus, as per [Laboratory] policy.
4442M3	Substrate samples were taken from visually unstained areas of item 3 and item 4. These substrate samples were presumptively negative for blood, semen, and saliva. No STR results were detected for these substrate samples. No DNA detected on quantitation for these substrate samples.
46D2RA	No interpretation made - only items 1 & 2 were done.
4FGBYY	For *1's Ex. 4 epi fraction - additional alleles were observed below calling threshold that were consistent with sperm fraction.
6D6466	The genetic profile of the evidence identified as item #3 (Suspect's shirt) match the genetic profile of the reference sample item #2 (Suspect). Suspect (item #2) can't be excluded of being the donor of the genetic profile on item #3 (Suspect's shirt). The item #4 E (Victim's skirt) presents a genetic profile from more than one person. Victim (item #1) and an unknown person can't be excluded of being the contributors of the genetic profile on item #4 E (Victim's skirt). The item #4 SP (Victim's skirt) presents a male profile, that does not match the genetic profile of the reference sample item #2 (Suspect). Suspect (item #2) is excluded of being the donor of the genetic profile on item #4 SP (Victim's skirt).
6FUCCK	Additional low-level, inconclusive results were detected for Item 4 in the e-cell fraction at VWA and D21S11. These and the minor alleles called in 4E are consistent with sperm carryover. The substrate samples for Items 3 & 4 tested negative with presumptive tests for blood, semen, and saliva. Microscopically, no cells (sperm or epithelial) were observed. No human DNA was detected and no amelogenin or STR typing results were obtained.
6HZP3Z	For 4e: FGA *=22 is carryover from 4sp fraction.
6WHVJN	Results obtained from Exs. 1A, 2A, 3A, 4A (Items 1, 2, 3, and 4) using the MiniFiler Kit were consistent with the results obtained from the Identifiler Kit. [From Table 3 - Amplification Kit & STR Results - Part II: "NT = Not Tested"]
6Y62R4	Mitotype reported for Item 4 was obtained from the non-sperm fraction.
72M6YV	FOB: Human Hemoglobin Specific Antigen test kit, which was conducted using SD blood stain kit manufactured by Standard Diagnostics Inc. We got another man's DNA profile from Item#4. It is different

TABLE 10

WebCode	Additional Comments
	from that of the suspect(Item#2). Mitochondrial DNA test of Item#4 can not be meaningful because it is a mixed stain from two contributors. [From Table 8 - Mitochondrial DNA Results: "Item 4 - Not tested"]
7G39BH	Our lab does not interpret mixtures for sequencing data, so Item 4 was determined inconclusive and no data was reported out for the sample.
7XTKD6	An artifact was observed at amelogenin for Item 3.
7XTL9N	There were trace alleles consistent with the sperm fraction male observed in the epithelial fraction of item 4.
8748TC	Only those alleles above threshold reported for 4(e) fraction.
8RKLCY	* = Additional peaks were seen which fell below reporting threshold as per [Laboratory] policy. # = The associated sperm or epithelial fraction was subtracted from this locus as per [Laboratory] policy. [From Table 9 - DNA Interpretations: Victim (Item 1), Item 4 "Yes, (EF)"]
8ULD6	This laboratory does not have a protocol for mixture interpretation; therefore, item 4 will be reported as inconclusive.
9F4L9X	This proficiency test was performed both as a Database proficiency test AND a forensic casework proficiency test; all extractions and case reports were performed/prepared separately. Mitochondrial DNA testing is for use with family relationship testing only (no forensic applications).
9PBVMV	Multiplex PCR amplification were performed on direct FTA card (Item 1 and Item 2), Organic @ phenol/chloroform (Item 3 and Item 4) and Chelex (Item 4) extracted DNA samples using Applied Biosystems AmpF/STR Identifiler and Yfiler amplification kits.
A3826C	* Inconclusive for presence of additional alleles.
AQF8FG	The substrate controls taken for items 3 and 4 (designated 3SC and 4SC, respectively) were negative for blood, semen, saliva and human DNA. Item 4 was not processed for mito per lab policy. Sperm fractions and Epithelial cells[sic] fractions containing mixtures (or any sample containing a mixture) is not typically processed for mitochondrial DNA. [From Table 3 - Amplification Kit & STR Results - Part II: "NT = Not Tested"]
B6TTKR	Minor alleles found in Exhibit 4 epi fraction correspond to profile obtained from Exhibit 4 sperm fraction. * = possible alleles below calling threshold.
BDB379	Clarification for Item #4 questioned stain: Victim (Item#1) is included as a possible donor of bloodstain but excluded as a possible donor of semen. Suspect (Item #2) is excluded as a possible donor to bloodstain and semen.
BZKFRZ	NR = tested but no result.
C6R6V4	Results provided for 4e (page 3) represent all alleles detected in all three amplifications (i.e. using Profiler Plus, Cofiler and PowerPlex 16).
CBU2AE	Results obtained from Exs. 1A, 2A, and 3A using the Minifiler Kit were consistent with the results obtained from Identifiler. Results obtained from Ex 4AE using the Minifiler Kit were consistent with the results obtained using Identifiler with the exception of allele 8 at D13S317 and an allele 23 at D2S1338 were obtained using Minifiler and not Identifiler and an allele 30 at D21S11 and allele 11 at D16S539 obtained in Identifiler and not in Minifiler. Results obtained from Ex 4AS using the Minifiler Kit were consistent with the results from Identifiler with the exception of allele 20 at D2S1338 obtained using Identifiler and not in Minifiler, an allele 14 at D18S51 obtained in Minifiler and not in Identifiler, and at FGA an allele 22 obtained using Identifiler and allele 23 was obtained using Minifiler.
F2H9NU	NAD = No alleles detected.
F38KEM	Possible additional alleles below interpretable threshold in Exhibit 4e = *.
GBH2QU	The genetic profile on item #3 (Suspect shirt) match the genetic profile of the reference sample item #2 (Suspect). Suspect (item #2) can't be excluded of being the donor of the genetic profile on item #3

TABLE 10

WebCode	Additional Comments
	(Suspect shirt). The item #4EF (Victim's skirt) presents a genetic profile from more than one person. Victim (item #1) and an unknown person can't be excluded of being the contributors of the genetic profile on item #4EF (Victim's skirt). The item #4SF (Victim's skirt) presents a male profile, that does not match the genetic profile of the reference sample item #2 (Suspect). Suspect (item #2) is excluded of being the donor of the genetic profile on item #4 SF (Victim's skirt).
GFBVGM	Minifiler amplification performed on all items. Results obtained are concordant with results obtained with Profiler Plus/Cofiler. Results obtained with Minifiler have been listed on Table 1a in combination with those obtained using Profiler Plus/Cofiler. Therefore, results have been given for D2S1338.
GYXJM	DNA extraction was performed using Qiagen EZ1 Advanced XL using EZ1 Investigator Kit chemistry. Quantification was performed on the Stragene[sic] MX3000MP using the Quantifiler Kit. Amplified products were analyzed on the AB 3130-xl. Data was analyzed using GMID-X software version 1.0.1.
HF8R33	[From Table 3 - Amplification Kit & STR Results - Part II: "*" - Inconclusive for the presence of additional alleles.]
J48G8Z	*: Indicates inconclusive for the presence of additional allele(s). INC: Indicates inconclusive for the presence of alleles.
KP7H4G	[ ] = minor alleles. * = below allele calling threshold consistent with carryover from sperm cell fraction.
L8KZ6Z	Victim 1 are[sic] a contributor to the epithelial (blood) fraction of stain item 4 and not the semen fraction.
NCQLGG	Item 1 and Item 2 were extracted using in-situ (FTA) extraction method, while Item 3 and 4 were extracted using Chelex extraction method. Item 3 and Item 4 were quantitated using Quantifiler Human DNA Quantification Kit from Applied Biosystems. Electrophoresis were carried out using Genetic Analyzer 3130xl.
NJMLPG	Substrate controls for item 3 and item 4: tested negative for KM, AP, micro for spermatozoa, amylase, micro for nucleated epithelial cells; no STR profile obtained. Y-STR typing performed for items 1 and 2 (references) only.
NJVPF	(1) Extraction using Qiagen BioRobot EZ1-XL with DNA Investigator kit. (2) Quantification using AB Quantifiler kit on Stratagene MX3000p. (3) Data collection and analysis using AB3130xl Genetic Analyzer and GeneMapper IDx software. (4) "A/TA" indicates artifact (e.g. stutter) or true allele @ D21S11 (Item #4 epithelial).
NQQMUH	* Indicates that additional peaks were seen at this locus but fell below reporting threshold as per [Laboratory] policy.
P6RKL9	* indicates peaks at heights below the [Lab's] reporting threshold.
QT9JED	"*" Additional peaks present below calling threshold for Ex. 4, questioned stain from the vict's skirt, epi fraction; additional peaks below threshold consistent with sperm fraction.
QTQ6XB	[From Table 8 - Mitochondrial DNA Results: "Item 4 - Mixture"]
R79KRE	INC = allele below activity for our laboratory's reporting threshold, however; minor alleles detected above threshold are consistent with carryover with sperm fraction. Y-STR typing not performed on item #1.
RYEFYD	EES1973 - Item 4 epi fraction. Additional alleles & possible alleles present in the epi fraction. Those additional alleles are consistent w/ the profile from the sperm fraction of Item 4. DNA from sperm fraction carryovered[sic] to the epi fraction of Item 4. *= possible allele below threshold.
T38ZCL	^ Per our laboratory manual, this is the symbol for possible stutter.
TA6XYJ	Item 4 is considered inconclusive because it is mixed and our laboratory does not interpret mtDNA mixtures.
TBF3D8	[From Table 8 - Mitochondrial DNA Results: "Item 4 - Mixture"]

TABLE 10

WebCode	Additional Comments
U68RKK	() - light intensity alleles.
U7LX4G	The genetic profile on item #3 (Dark red material-suspect shirt) match the genetic profile of the reference sample item #2 (Suspect). Suspect (item #2) can't be excluded of being the donor of the genetic profile on item #3 (Dark red material-suspect shirt). The item #4 sp (yellow fabric-victim's skirt) presents a male profile, that does not match the genetic profile of the reference sample item #2 (Suspect). Suspect (item #2) is excluded of being the donor of the genetic profile on item #4 sp (yellow fabric-victim's skirt). The item #4e (yellow fabric-victim's skirt) presents a genetic profile from more than one person. Victim (item #1) and an unknown person can't be excluded of being the contributors of the genetic profile on item #4e (yellow fabric-victim's skirt). Victim (item #1) can't be excluded of being the major contributor on item #4e (yellow fabric-victim's skirt). [From Table 3 & 4 - Amplification Kit & STR Results - Parts II & III: "Legend: ND* = under the threshold; () = minor contributor"]
U8X6HP	* Indicates inconclusive for the presence of additional allele(s).
UHFETH	The DNA detected in the stain from the suspect's shirt (Item 3) appears to originate from one male individual. The suspect (Item 2) cannot be excluded as the source of the DNA detected in this sample. The victim (Item 1) is excluded as the source of the DNA detected in this sample. The DNA detected in the non-sperm cell fraction of the stain from the victim's skirt (Item 4) appears to be a mixture of DNA from at least two individuals, with a primary female donor. The victim (Item 1) cannot be excluded as the primary donor of this DNA detected in this sample. The suspect (Item 2) is excluded as a donor of this DNA detected in this sample. The DNA detected in the sperm cell fraction of the stain from the victim's skirt (Item 4) appears to originate from one male individual. The victim (Item 1) and the suspect (Item 2) are excluded as the source of the DNA detected in this sample.
UK6N2X	The substrate controls for item 3 and item 4 were negative for all screening tests (blood, semen and saliva). No STR profiles were obtained for the substrate controls for item 3 and item 4.
UZECCD	N/T = Not Tested
V6NC4H	Sample 4/Item 4 generated mixed mitochondrial DNA sequence. Per our laboratory SOPs, we do not report mixed mitochondrial DNA sequence.
VMJ6NF	A mixture was obtained for Item 4. Because our laboratory neither interprets nor reports mtDNA mixtures, this sample is reported as inconclusive.
VRF3KE	[From Table 8 - Mitochondrial DNA Results: "Item 4 - Data from the sperm fraction was not interpreted due to presence of a mixture. Results for epithelial cell fraction reported"]
W9LF9A	Both Identifiler and Y-Filer analysis lead towards the possibility of an unknown male contributor to Item 4. Mitochondrial[sic] sequencing was NOT performed.
WBA7VE	Symbols in result chart: -- Possible additional genetic information may be present. *Possible result, indistinguishable from artifact.
WEM36W	The substrate controls for item 3 and item 4 tested negative for blood, semen, and saliva using presumptive tests. No epithelial cells or spermatozoa were observed in the cellular material recovered from these items. No human DNA was detected using a human-specific qPCR assay and no STR results were obtained for these substrate controls. [From Table 1 - Serology Screening Results: "NEC = nucleated epithelial cells"]
WNEM9B	Item 4 Besides having female blood that was contributed from Item 1 also contains traces of sperm of an unknown male (blood sample of this male was not provided in this test).
X2H8HD	Above interpretation is based on mtDNA results only. nDNA testing was only done on items 1 & 2. [From Table 8a: Mitochondrial DNA Results, HVR I - "Item #4 - Item #4 is a mixture"]
XQXLUP	The laboratory does not interpret mixtures as observed in the data and therefore this data is reported as inconclusive (Item 4).
XW3V76	Minor alleles () observed in epithelial cell fraction (E) of item 4 consistent with carry-over from sperm cell fraction(s). The *s represent possible alleles below the analytical threshold consistent with carry-over from

TABLE 10

WebCode	Additional Comments
	the sperm cell fraction(s).
Y74HX2	Item 4 (epi fraction) - additional alleles present below the minimum peak height threshold. Consistent with carry-over from sperm fraction. These alleles = *.
YQRRNN	Our laboratory does not interpret mixtures, so sample 4 is being reported as Inconclusive.
YWHHEB	Notes for non-sperm fraction of item 4 (4x1). -- = Possible additional genetic information may be present.
YXCZJT	The substrate control samples for Item 3 & Item 4 tested negative for the presumptive tests for blood, semen & saliva. No DNA was detected on the qPCR for the substrate control samples. No STR DNA was detected for the substrate control samples.
ZA63EY	NA = Not Applicable
ZGKAQQ	Additional weak alleles were present in the epithelial cell fraction of Item 4 at the following loci in MiniFiler: D7S820, D13S317, D2S1338, D18S51 and FGA. Additional weak alleles were present in the sperm cell fraction of Item 4 at the following loci in MiniFiler: D21S11, D7S820, D13S317, D16S539, D2S1338 and D18S51.

# **Appendix: Data Sheet**

Collaborative Testing Services ~ Forensic Testing Program

\*\*\*\*\*

## **Test No. 10-573: Forensic Biology**

DATA MUST BE RECEIVED BY June 21, 2010 TO BE INCLUDED IN THE REPORT

Participant Code:

WebCode:

### **Please Note: The Accreditation Release Section Has Moved**

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

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

This participant's data is **NOT** intended for submission to ASCLD/LAB or FQS-International.

#### Scenario:

Police are investigating the sexual assault of a woman who was abducted from her neighborhood. The victim was found later that evening in a field a couple of miles from her house. The suspect is a man that works in the local market near her house. The police recovered two questioned stains: one from the victim's skirt and one from the suspect's shirt. The investigators are submitting the stains from the victim's skirt and the suspect's shirt for analysis along with blood samples of the victim and the suspect.

#### Items Submitted (Sample Pack B3):

Item 1: Known blood from the Victim.

Item 2: Known blood from the Suspect.

Item 3: Questioned stain from the suspect's shirt. (Dark red material)

Item 4: Questioned stain from the victim's skirt. (yellow fabric)

### **Please Note: The screening section of this data sheet has changed.**

Information regarding Human Origin Testing will no longer be collected in our Forensic Biology Series and has been removed from the reporting section on Page 2. This has been done at the request of ASCLD/LAB and has been accepted by NATA. If your laboratory or accrediting body requires the reporting of Human Origin Testing results, this can be entered in the "Other" category.

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

Page 1 of 7

**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
Kastle Meyer	KM	Phenolphthalein-Tetramethyl benzidine	PTMB
Leucomalachite Green	LMG	Prostate Specific Antigen	PSA
Microscopic	Micro	Tetramethyl benzidine	TMB

**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**

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

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

**STR Amplification Kit Used:**

Please check all that apply.

- Cofiler™/Profiler Plus™     PowerPlex 16®  
 Identifiler®                       Other \_\_\_\_\_

<b>ITEM</b>	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
<b>1</b>								
<b>2</b>								
<b>3</b>								
<b>4</b>								

<b>ITEM</b>	Amelogenin	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
<b>1</b>								
<b>2</b>								
<b>3</b>								
<b>4</b>								

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

YSTR Results

TABLE 1a, continued

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

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

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

TABLE 1b: Additional DNA Results

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

Please return all pages of this data sheet.

**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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**Return Instructions**  
Data Sheets can be mailed or faxed (please include a cover sheet) and must be received by **June 21, 2010** to be included in the report.

MAIL:	Collaborative Testing Services, Inc. Forensic Testing Program P.O. Box 650820 Sterling, VA 20165-0820 USA	FAX:	+1-571-434-1937 or Toll-Free (U.S. only): 1-866-FAX-2CTS (329-2287)
		TEL:	+1-571-434-1925 (8 am - 4:30 pm EST)
		EMAIL:	forensics@cts-interlab.com

www.ctsforensics.com

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## RELEASE OF DATA TO ACCREDITATION BODIES

The following Accreditation Releases will apply only to:

Participant Code:

WebCode:

for Test No. **10-573: Forensic Biology**

This release page must be completed and received by **June 21, 2010** to have this participant's submitted data included in the reports forwarded to the respective Accreditation Bodies.

### **ASCLD/LAB RELEASE**

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

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

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

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

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

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

### **FQS-INTERNATIONAL RELEASE**

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

FQS-International Certificate No. \_\_\_\_\_

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

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

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

### Accreditation Release

#### **Return Instructions**

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

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

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

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